

Supplemental Financial Information (unaudited)

For the period ended March 31, 2019

Table of contents

	Page		Page
Notes to the reader	2	Table 15 – Details of the credit portfolio subject to the Advanced Internal Ratings-Based Approach	
Financial information		• Used exposure	27
Table 1 – Combined Balance Sheets	3	• Unused exposure and off-balance sheet exposure	32
Table 2 – Combined Statements of Income	5	Table 16 – Credit risk exposure under the Advanced Internal Ratings-Based Approach-Backtesting: Actual and estimated parameters	37
Capital management		Table 17 – Risk exposure by asset class and remaining contractual term to maturity	38
Table 3 – Main capital components	6	Table 18 – Risk exposure by asset class and risk tranche (Standardized Approach)	39
Table 4 – Quarterly changes in regulatory capital	7	Risk management	
Table 5 – Reconciliation of regulatory capital and equity	8	Table 19 – Loan portfolio by borrower category and industry	42
Table 6 – Leverage ratio	9	Table 20 – Loan portfolio by geographic area	43
Table 7 – Reconciliation of Combined Balance Sheet and credit risk exposure	10	Table 21 – Loan and acceptance portfolio by entity	44
Table 8 – Risk-weighted assets (RWA)	11	Table 22 – Loan and acceptance portfolio by product	45
Table 9 – Change in risk-weighted assets	13	Table 23 – Change in gross credit-impaired loans	46
Table 10 – Risk-weighted assets by business segment	16	Table 24 – Residential mortgage loan portfolio	47
Table 11 – Risk exposure by asset class (exposure at default [EAD])	17	Table 25 – Average loan-to-value (LTV) ratio for uninsured residential mortgage loans granted during the quarter	48
Table 12 – Exposure at default – Businesses, sovereign borrowers and financial institutions by industry	20	Table 26 – Remaining amortization period for residential mortgage loans	49
Table 13 – Reconciliation of exposure at default and regulatory balance sheet	23	Glossary	50
Table 14 – Credit risk mitigation	24		

NOTES TO THE READER

USE OF THIS DOCUMENT

The Supplemental Financial Information (this document) is designed to support the transparency and disclosure of additional information on Desjardins Group's capital and risk management so that the various financial market participants can assess its risk profile and financial performance. The information disclosed in this document is unaudited. This document should be used as a supplement to Desjardins Group's Interim Financial Reports and Annual Reports. These reports, which include Desjardins Group's Combined Financial Statements as well as its MD&As, are available on its website at www.desjardins.com/ca/about-us/investor-relations and on the SEDAR website at www.sedar.com (under the *Capital Desjardins inc.* profile). This document should also be used as a supplement to Desjardins Group's Pillar 3 Report, which is also available on its website.

BASIS OF PRESENTATION OF FINANCIAL INFORMATION

The Annual and Interim Combined Financial Statements have been prepared by Desjardins Group's management in accordance with International Financial Reporting Standards (IFRS) issued by the International Accounting Standards Board (IASB) and the accounting requirements of the *Autorité des marchés financiers* (AMF) in Quebec, which do not differ from IFRS. All accounting policies were applied as described in Note 2, "Basis of presentation and significant accounting policies", to the Annual Combined Financial Statements, except for the changes described in Note 2, "Basis of presentation and significant accounting policies", to the Interim Combined Financial Statements resulting from the adoption of IFRS 16, "Leases", on January 1, 2019. For further information about the accounting policies applied, see the Interim and Annual Combined Financial Statements.

To assess its performance, Desjardins Group uses IFRS measures and various non-IFRS financial measures. Non-IFRS financial measures, other than the regulatory ratios, do not have a standardized definition and are not directly comparable to similar measures used by other companies, and may not be directly comparable to any IFRS measures. The non-IFRS measures may be useful to investors to analyze financial performance, among other things. They are defined in the interim and annual MD&As.

Unless indicated otherwise, all amounts are in Canadian dollars.

SCOPE OF THIS DOCUMENT

The information presented in this document relates to the Desjardins Group entities that are included in its accounting scope. The entities included in Desjardins Group's accounting scope of consolidation are presented in the "Scope of the Group" section of Note 2, "Basis of presentation and significant accounting policies", to its Annual Combined Financial Statements. In the tables on capital management, the information presented is prepared using Desjardins Group's regulatory scope in accordance with Basel III. This scope differs from the accounting scope as investments in insurance subsidiaries are excluded from it through capital deductions. In addition, data related to capital and risks are presented to meet the disclosure requirements set out in the recommendations of the *Enhancing the Risks Disclosures of Banks* document dated October 29, 2012 and the *Residential Hypothecary Lending Guideline* issued by the AMF as well as certain Pillar 3 requirements issued by the Basel Committee. Other required disclosures with respect to Pillar 3 are included in the Pillar 3 Report.

FINANCIAL INFORMATION

Table 1 – Combined Balance Sheets

(in millions of dollars)	As at March 31, 2019 ⁽¹⁾⁽²⁾	As at December 31, 2018 ⁽²⁾	As at September 30, 2018 ⁽²⁾	As at June 30, 2018 ⁽²⁾	As at March 31, 2018 ⁽²⁾	As at December 31, 2017	As at September 30, 2017	As at June 30, 2017	As at March 31, 2017
ASSETS									
Cash and deposits with financial institutions	\$ 2,637	\$ 3,384	\$ 3,245	\$ 2,976	\$ 2,284	\$ 2,435	\$ 2,265	\$ 2,737	\$ 2,333
Securities									
Securities at fair value through profit or loss	39,747	36,916	38,944	37,936	36,004	31,654	33,846	33,807	33,951
Available-for-sale securities	N/A	N/A	N/A	N/A	N/A	24,934	24,156	24,783	24,627
Securities at fair value through other comprehensive income	22,264	21,395	21,396	20,711	20,258	N/A	N/A	N/A	N/A
Securities at amortized cost	1,661	1,621	1,732	1,635	1,424	N/A	N/A	N/A	N/A
	63,672	59,932	62,072	60,282	57,686	56,588	58,002	58,590	58,578
Securities borrowed or purchased under reverse repurchase agreements	11,682	11,934	10,219	9,522	9,889	8,674	10,342	6,230	8,912
Loans									
Residential mortgages	120,744	120,113	118,981	117,381	114,211	113,146	111,442	109,740	107,246
Consumer, credit card and other personal loans	26,031	26,210	25,709	25,285	24,504	24,044	23,361	22,832	22,243
Business and government loans	45,948	44,906	43,195	42,631	40,854	40,738	39,615	39,239	38,567
	192,723	191,229	187,885	185,297	179,569	177,928	174,418	171,811	168,056
Allowance for credit losses	(735)	(719)	(731)	(714)	(723)	(438)	(437)	(438)	(458)
	191,988	190,510	187,154	184,583	178,846	177,490	173,981	171,373	167,598
Segregated fund net assets	14,379	13,234	13,964	13,902	13,500	13,379	12,679	12,527	12,429
Other assets									
Clients' liability under acceptances	143	160	251	42	43	31	141	59	105
Premiums receivable	2,330	2,376	2,387	2,210	2,001	2,095	2,137	1,988	1,822
Derivative financial instruments	4,169	3,743	3,545	3,559	3,445	3,206	3,027	3,010	2,986
Amounts receivable from clients, brokers and financial institutions	3,186	1,315	3,036	4,103	4,761	1,554	4,525	5,436	3,209
Reinsurance assets	1,966	1,958	2,032	2,048	2,031	2,202	2,197	2,176	2,167
Right-of-use assets	590	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Investment property	957	958	950	952	881	832	827	821	820
Property, plant and equipment	1,420	1,424	1,397	1,375	1,388	1,411	1,434	1,406	1,410
Goodwill	121	121	121	121	121	121	153	153	153
Intangible assets	382	389	468	480	468	466	528	553	528
Deferred tax assets	1,172	1,174	984	1,007	1,070	992	889	962	870
Other	3,208	2,853	3,440	2,911	2,729	2,738	3,183	3,022	3,073
Assets of the disposal group held to be transferred	-	-	-	-	922	881	-	940	942
	19,644	16,471	18,611	18,808	19,860	16,529	19,041	20,526	18,085
TOTAL ASSETS	\$ 304,002	\$ 295,465	\$ 295,265	\$ 290,073	\$ 282,065	\$ 275,095	\$ 276,310	\$ 271,983	\$ 267,935

Footnotes to this table is presented on the next page.

Table 1 – Combined Balance Sheets (continued)

(in millions of dollars)	As at March 31, 2019 ⁽¹⁾⁽²⁾	As at December 31, 2018 ⁽²⁾	As at September 30, 2018 ⁽²⁾	As at June 30, 2018 ⁽²⁾	As at March 31, 2018 ⁽²⁾	As at December 31, 2017	As at September 30, 2017	As at June 30, 2017	As at March 31, 2017
LIABILITIES AND EQUITY									
LIABILITIES									
Deposit									
Individuals	\$ 107,122	\$ 105,298	\$ 104,148	\$ 103,357	\$ 101,238	\$ 100,578	\$ 99,520	\$ 99,148	\$ 97,122
Business and government	76,724	76,174	76,114	76,009	71,411	69,102	70,542	71,527	69,966
Deposit-taking institutions	2,414	1,686	2,124	2,157	1,986	1,906	1,841	2,060	2,239
	186,260	183,158	182,386	181,523	174,635	171,586	171,903	172,735	169,327
Other liabilities									
Acceptances	143	160	251	42	43	31	141	59	105
Commitments related to securities sold short	12,129	10,829	11,199	11,040	8,789	9,112	10,249	7,440	7,167
Commitments related to securities lent or sold under repurchase agreements	13,608	16,845	13,809	10,729	11,921	10,229	9,535	7,887	9,521
Derivative financial instruments	3,501	2,816	3,633	3,102	2,801	3,094	2,897	2,331	2,186
Amounts payable to clients, brokers and financial institutions	7,145	4,105	6,553	7,125	7,296	4,247	7,263	7,127	6,461
Lease liabilities	639	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Insurance contract liabilities	30,138	28,740	28,643	28,600	28,224	28,272	27,782	28,147	27,549
Segregated fund net liabilities	14,370	13,212	13,931	13,880	13,483	13,354	12,658	12,493	12,412
Net defined benefit plan net liabilities	2,726	2,537	2,030	2,239	2,533	2,624	2,045	2,505	2,287
Deferred tax liabilities	234	214	165	158	153	155	168	160	149
Other	5,599	5,822	5,381	4,763	5,483	5,568	5,564	5,509	5,480
Liabilities of the disposal group held to be transferred	-	-	-	-	718	662	-	373	345
	90,232	85,280	85,595	81,678	81,444	77,348	78,302	74,031	73,662
Subordinated notes	1,384	1,378	1,343	1,350	1,383	1,388	1,357	1,374	1,390
TOTAL LIABILITIES	277,876	269,816	269,324	264,551	257,462	250,322	251,562	248,140	244,379
EQUITY									
Capital stock	5,233	5,350	5,401	5,428	5,300	5,361	5,375	5,388	5,283
Share capital	5	5	5	91	93	90	92	92	91
Undistributed surplus earnings	3,678	3,649	1,949	1,447	1,524	1,360	1,792	1,079	1,606
Accumulated other comprehensive income	363	(23)	58	178	232	445	342	468	622
Reserves	16,099	15,920	17,767	17,616	16,695	16,707	16,333	16,003	15,136
Equity – Group's share	25,378	24,901	25,180	24,760	23,844	23,963	23,934	23,030	22,738
Non-controlling interests	748	748	761	762	759	810	814	813	818
Total equity	26,126	25,649	25,941	25,522	24,603	24,773	24,748	23,843	23,556
TOTAL LIABILITIES AND EQUITY	\$ 304,002	\$ 295,465	\$ 295,265	\$ 290,073	\$ 282,065	\$ 275,095	\$ 276,310	\$ 271,983	\$ 267,935

⁽¹⁾ The information presented as at March 31, 2019 reflects IFRS 16, "Leases", which was adopted on January 1, 2019. Comparative figures have not been restated. For more information, see Note 2, "Basis of presentation and significant accounting policies", to the Interim Combined Financial Statements.

⁽²⁾ The information presented for the 2019 and 2018 quarters reflects the standards and amendments adopted on January 1, 2018. Comparative figures have not been restated. For more information, see Note 2, "Basis of presentation and significant accounting policies", to the Annual Combined Financial Statements.

Table 2 – Combined Statements of Income

(in millions of dollars)	For the three-month periods ended								
	March 31, 2019 ⁽¹⁾⁽²⁾	December 31, 2018 ⁽²⁾	September 30, 2018 ⁽²⁾	June 30, 2018 ⁽²⁾	March 31, 2018 ⁽²⁾	December 31, 2017	September 30, 2017	June 30, 2017	March 31, 2017
Interest income									
Loans	\$ 1,875	\$ 1,874	\$ 1,825	\$ 1,648	\$ 1,584	\$ 1,548	\$ 1,513	\$ 1,444	\$ 1,418
Securities	108	107	101	89	93	88	80	78	77
	1,983	1,981	1,926	1,737	1,677	1,636	1,593	1,522	1,495
Interest expense									
Deposits	656	576	616	538	505	477	424	403	407
Subordinated notes and other	63	121	24	24	23	21	20	19	18
	719	697	640	562	528	498	444	422	425
Net interest income	1,264	1,284	1,286	1,175	1,149	1,138	1,149	1,100	1,070
Net premiums	2,317	2,221	2,263	2,200	2,139	2,009	1,982	2,076	1,982
Other income									
Deposit and payment service charges	103	114	110	106	103	107	109	122	120
Lending fees and credit card service revenues	210	177	171	163	186	180	154	154	172
Brokerage and investment fund services	214	211	216	223	255	245	227	293	265
Management and custodial service fees	140	130	147	138	136	133	118	120	114
Net investment income (loss)	1,519	45	(253)	308	111	904	(362)	711	435
Overlay approach adjustment for insurance operations financial assets	(167)	258	76	20	169	N/A	N/A	N/A	N/A
Foreign exchange income	14	29	14	21	27	22	16	20	19
Other	50	(21)	36	130	37	(100)	295	28	26
	2,083	943	517	1,109	1,024	1,491	557	1,448	1,151
Total income	5,664	4,448	4,066	4,484	4,312	4,638	3,688	4,624	4,203
Provision for credit losses	109	89	100	80	115	89	92	76	92
Claims, benefits, annuities and changes in insurance contract liabilities	3,118	1,821	1,375	1,727	1,656	2,042	1,000	1,922	1,753
Non-interest expense									
Salaries and fringe benefits	888	810	820	887	890	846	794	919	893
Premises, equipment and furniture, including depreciation	185	172	185	171	173	210	180	169	168
Service agreements and outsourcing	84	96	75	88	79	112	64	73	70
Communications	65	70	58	69	64	79	65	74	66
Other	697	698	721	638	721	704	595	656	663
	1,919	1,846	1,859	1,853	1,927	1,951	1,698	1,891	1,860
Operating surplus earnings	518	692	732	824	614	556	898	735	498
Income taxes on surplus earnings	117	114	162	147	113	127	140	154	115
Surplus earnings before member dividends	401	578	570	677	501	429	758	581	383
Member dividends	77	60	72	71	50	67	60	40	35
Tax recovery on member dividends	(20)	(17)	(19)	(18)	(14)	(18)	(16)	(11)	(9)
Net surplus earnings for the period after member dividends	\$ 344	\$ 535	\$ 517	\$ 624	\$ 465	\$ 380	\$ 714	\$ 552	\$ 357
of which:									
Group's share	\$ 347	\$ 527	\$ 504	\$ 613	\$ 456	\$ 371	\$ 699	\$ 538	\$ 352
Non-controlling interests' share	(3)	8	13	11	9	9	15	14	5

⁽¹⁾ The information presented for the three-month period ended March 31, 2019 reflects IFRS 16, "Leases", which was adopted on January 1, 2019. Comparative figures have not been restated. For more information, see Note 2, "Basis of presentation and significant accounting policies", to the Interim Combined Financial Statements.

⁽²⁾ The information presented for the 2019 and 2018 quarters reflects the standards and amendments adopted on January 1, 2018. Comparative figures have not been restated. For more information, see Note 2, "Basis of presentation and significant accounting policies", to the Annual Combined Financial Statements.

CAPITAL MANAGEMENT

Table 3 – Main capital components

	Total capital		
	Tier 1 capital		Tier 2 capital
	Tier 1A ⁽¹⁾	Tier 1B ⁽¹⁾	
Eligible items	<ul style="list-style-type: none"> Reserves and undistributed surplus earnings Eligible accumulated other comprehensive income Federation capital shares Permanent shares and surplus shares subject to phase-out 	<ul style="list-style-type: none"> Non-controlling interests⁽²⁾ 	<ul style="list-style-type: none"> General allowance Subordinated notes subject to phase-out Eligible qualifying shares
Regulatory Adjustments	<ul style="list-style-type: none"> Goodwill Software Other intangible assets Deferred tax assets essentially resulting from loss carryforwards Shortfall in allowance 		
Deductions	<ul style="list-style-type: none"> Mainly significant investments in financial entities⁽³⁾ 		<ul style="list-style-type: none"> Investment in preferred shares of a component deconsolidated for regulatory capital purposes Subordinated financial instrument

⁽¹⁾ For a financial cooperative governed by the AMF, the Tier 1A and Tier 1B ratios are the equivalent of the CET1 and AT1 ratios for financial institutions.

⁽²⁾ The amount of non-controlling interests is determined, in particular, based on the nature of the operations and the capitalization level of the investee.

⁽³⁾ Represents the portion of investments in the components deconsolidated for regulatory capital purposes (mainly Desjardins Financial Corporation Inc.) that exceeds 10% of capital net of regulatory adjustments. In addition, when the non-deducted balance, plus deferred tax assets net of related deferred tax liabilities, exceeds 15% of such adjusted capital, the excess is also deducted from such capital. The non-deducted balance is subject to risk-weighting at a rate of 250%.

Table 4 – Quarterly changes in regulatory capital

(in millions of dollars)	As at March 31, 2019 ⁽¹⁾	As at December 31, 2018 ⁽¹⁾	As at September 30, 2018 ⁽¹⁾	As at June 30, 2018 ⁽¹⁾	As at March 31, 2018 ⁽¹⁾	As at December 31, 2017	As at September 30, 2017	As at June 30, 2017	As at March 31, 2017
Tier 1A capital									
Balance at beginning of period	\$ 22,412	\$ 22,470	\$ 21,514	\$ 20,897	\$ 20,985	\$ 20,410	\$ 19,140	\$ 18,935	\$ 18,720
Increase in reserves and undistributed surplus earnings	206	(145)	654	845	158	(62)	1,044	340	167
Eligible accumulated other comprehensive income	310	(86)	(119)	(34)	(199)	119	(98)	(125)	122
Federation capital shares	46	-	2	196	68	22	32	202	120
Permanent shares and surplus shares subject to phase-out	(163)	(43)	(24)	(69)	(126)	(27)	(41)	(89)	(127)
Non-controlling interests	-	-	-	-	-	-	-	-	-
Deductions	439	216	443	(321)	11	523	333	(123)	(67)
Balance at end of period	23,250	22,412	22,470	21,514	20,897	20,985	20,410	19,140	18,935
Tier 1B capital									
Balance at beginning of period	-	-	-	11	13	12	14	13	12
Non-controlling interests	-	-	-	(11)	(2)	1	(2)	1	1
Balance at end of period	-	-	-	-	11	13	12	14	13
Total Tier 1 capital	23,250	22,412	22,470	21,514	20,908	20,998	20,422	19,154	18,948
Tier 2 capital									
Balance at beginning of period	426	405	391	420	438	416	429	457	611
Eligible qualifying shares	-	1	-	-	(1)	1	-	-	(1)
Non-controlling interests	-	-	-	-	-	-	-	-	-
Subordinated notes subject to phase-out	(172)	35	(8)	(32)	(183)	31	(17)	(17)	(171)
General allowance	11	(19)	22	3	114	(10)	4	(7)	18
Deductions	-	4	-	-	52	-	-	(4)	-
Balance at end of period	265	426	405	391	420	438	416	429	457
Total capital	\$ 23,515	\$ 22,838	\$ 22,875	\$ 21,905	\$ 21,328	\$ 21,436	\$ 20,838	\$ 19,583	\$ 19,405

⁽¹⁾ The information presented for the 2019 and 2018 quarters reflects the standards and amendments adopted on January 1, 2018. Comparative figures have not been restated. For more information, see Note 2, "Basis of presentation and significant accounting policies", to the Annual Combined Financial Statements.

Table 5 – Reconciliation of regulatory capital and equity

(in millions of dollars)	As at March 31, 2019 ⁽¹⁾	As at December 31, 2018 ⁽¹⁾	As at September 30, 2018 ⁽¹⁾	As at June 30, 2018 ⁽¹⁾	As at March 31, 2018 ⁽¹⁾	As at December 31, 2017	As at September 30, 2017	As at June 30, 2017	As at March 31, 2017
Equity balance in the Combined Financial Statements	\$ 25,378	\$ 24,901	\$ 25,180	\$ 24,760	\$ 23,844	\$ 23,963	\$ 23,934	\$ 23,030	\$ 22,738
Items non-eligible for Tier 1A capital									
Non-eligible portion of permanent shares and surplus shares	(23)	(23)	(29)	(33)	(39)	(40)	(45)	(49)	(55)
Preferred shares of <i>La Fédération des caisses populaires de l'Ontario</i> Inc. and the caisses in Ontario	(3)	(3)	(3)	(89)	(91)	(89)	(90)	(90)	(89)
Qualifying shares	(25)	(25)	(24)	(24)	(24)	(25)	(24)	(24)	(24)
Other	(85)	(7)	(7)	(10)	(24)	(44)	(62)	(91)	(122)
Deductions	(1,992)	(2,431)	(2,647)	(3,090)	(2,769)	(2,780)	(3,303)	(3,636)	(3,513)
Tier 1A capital	23,250	22,412	22,470	21,514	20,897	20,985	20,410	19,140	18,935
Non-controlling interests	-	-	-	-	11	13	12	14	13
Tier 1B capital	-	-	-	-	11	13	12	14	13
Tier 1 capital	23,250	22,412	22,470	21,514	20,908	20,998	20,422	19,154	18,948
Items eligible for Tier 2 capital									
Subordinated notes subject to phase-out	672	844	809	817	849	1,032	1,001	1,018	1,035
General allowance	388	377	396	374	371	257	267	263	270
Eligible qualifying shares	25	25	24	24	24	25	24	24	24
Deductions	(820)	(820)	(824)	(824)	(824)	(876)	(876)	(876)	(872)
Tier 2 capital	265	426	405	391	420	438	416	429	457
Total capital	\$ 23,515	\$ 22,838	\$ 22,875	\$ 21,905	\$ 21,328	\$ 21,436	\$ 20,838	\$ 19,583	\$ 19,405

⁽¹⁾ The information presented for the 2019 and 2018 quarters reflects the standards and amendments adopted on January 1, 2018. Comparative figures have not been restated. For more information, see Note 2, "Basis of presentation and significant accounting policies", to the Annual Combined Financial Statements.

Table 6 – Leverage ratio⁽¹⁾

		As at March 31, 2019	As at December 31, 2018	As at September 30, 2018	As at June 30, 2018	As at March 31, 2018	As at December 31, 2017	As at September 30, 2017	As at June 30, 2017	As at March 31, 2017
(in millions of dollars and as a percentage)										
SUMMARY COMPARISON OF ACCOUNTING ASSETS VS LEVERAGE RATIO EXPOSURE MEASURE										
Total combined assets as per published financial statements	1	\$ 304,002	\$ 295,465	\$ 295,265	\$ 290,073	\$ 282,065	\$ 275,096	\$ 276,310	\$ 271,983	\$ 267,935
Adjustment for investments in banking, financial, insurance or commercial entities that are combined for accounting purposes but excluded from the scope of regulatory consolidation	2	(47,548)	(44,694)	(45,761)	(45,277)	(44,574)	(44,600)	(44,565)	(44,571)	(43,536)
Adjustment for fiduciary assets recognized on the balance sheet pursuant to the applicable accounting standard, but excluded from the leverage ratio exposure measure	3	-	-	-	-	-	-	-	-	-
Adjustment for derivative financial instruments	4	(664)	1,882	1,052	1,379	1,313	1,032	951	1,312	1,353
Adjustment for securities financing transactions (SFT) (i.e. repos and similar secured lending)	5	1,215	1,004	1,042	956	1,118	910	819	688	784
Adjustment for off-balance sheet items (i.e. conversion to credit equivalent amounts of off-balance sheet exposures)	6	20,418	20,175	19,612	17,978	17,829	17,273	16,746	16,540	16,298
Other adjustments	7	(2,132)	(2,473)	(2,854)	(3,163)	(2,782)	(2,879)	(3,328)	(3,579)	(3,437)
Leverage ratio exposure	8	\$ 275,291	\$ 271,359	\$ 268,356	\$ 261,946	\$ 254,969	\$ 246,832	\$ 246,933	\$ 242,373	\$ 239,397
LEVERAGE RATIO										
On-balance sheet exposures										
On-balance sheet items (excluding derivatives and SFTs and grandfathered securitization exposures but including collateral)	1	\$ 237,736	\$ 231,842	\$ 232,221	\$ 228,001	\$ 220,779	\$ 215,431	\$ 215,271	\$ 214,783	\$ 209,237
(Asset amounts deducted in determining Basel III transitional Tier 1 capital)	2	-	-	-	-	-	-	-	-	-
Total on-balance sheet exposures excluding derivatives and SFTs	3	237,736	231,842	232,221	228,001	220,779	215,431	215,271	214,783	209,237
Derivative exposures										
Replacement cost associated with all derivatives transactions (net of eligible cash variation margin)	4	295	2,516	1,991	2,228	2,159	1,859	1,781	1,988	2,063
Add-on amounts for potential future exposures (PFE) associated with all derivatives transactions	5	3,026	2,995	2,489	2,571	2,473	2,212	2,044	2,065	1,952
Gross up for derivatives collateral provided where deducted from the balance sheet assets pursuant to the applicable accounting standard	6	-	-	-	-	-	-	-	-	-
(Deductions of receivables assets for cash variation margin provided in derivative transactions)	7	-	-	-	-	-	-	-	-	-
(Exempted central counterparty-leg of client cleared trade exposures)	8	-	-	-	-	-	-	-	-	-
Adjusted effective notional amount of written credit derivatives	9	-	-	-	-	-	-	-	-	-
(Adjusted effective notional offsets and add-on deductions for written credit derivatives)	10	-	-	-	-	-	-	-	-	-
Total derivative exposures	11	3,321	5,511	4,480	4,799	4,632	4,071	3,825	4,053	4,015
Securities financing transaction exposures										
Gross SFT assets recognized for accounting purposes (with no recognition of netting), after adjusting for sale accounting transactions	12	12,602	12,827	11,001	10,212	10,610	9,147	10,272	6,309	9,064
(Netted amounts of cash payables and cash receivables of gross SFT assets)	13	-	-	-	-	-	-	-	-	-
Counterparty credit risk (CCR) exposure for SFT assets	14	1,214	1,004	1,042	956	1,119	910	819	688	784
Agent transaction exposures	15	-	-	-	-	-	-	-	-	-
Total securities financing transaction exposures	16	13,816	13,831	12,043	11,168	11,729	10,057	11,091	6,997	9,848
Other off-balance sheet exposures										
Off-balance sheet exposure at gross notional amount	17	110,679	109,563	106,454	103,328	102,427	100,028	97,580	95,961	94,370
Adjustments for conversion to credit equivalent amounts	18	(90,261)	(89,388)	(86,842)	(85,350)	(84,598)	(82,755)	(80,834)	(79,421)	(78,073)
Total other off-balance sheet exposures	19	20,418	20,175	19,612	17,978	17,829	17,273	16,746	16,540	16,297
Total exposures	21	\$ 275,291	\$ 271,359	\$ 268,356	\$ 261,946	\$ 254,969	\$ 246,832	\$ 246,933	\$ 242,373	\$ 239,397
Tier 1 capital – All-in basis	23	\$ 23,250	\$ 22,412	\$ 22,470	\$ 21,514	\$ 20,908	\$ 20,998	\$ 20,422	\$ 19,154	\$ 18,948
Leverage ratio – All-in basis	26	8.4%	8.3%	8.4%	8.2%	8.2%	8.5%	8.3%	7.9%	7.9%

⁽¹⁾ Line numbers are in accordance with the Leverage Ratio Disclosure Requirements guideline issued by the AMF.

Table 7 – Reconciliation of Combined Balance Sheet and credit risk exposure

	As at March 31, 2019										
	Carrying amount of items										
	Carrying amounts per issued financial statements	Carrying amounts per scope of regulatory consolidation	Subject to the credit risk framework		Subject to the counterparty risk framework			Subject to securitization provisions	Subject to the market risk framework		Not subject to capital requirements or subject to capital deductions
			Other than individuals	Individuals	Repo-style transactions	OTC derivatives	Also subject to credit risk				
(in millions of dollars)											
ASSETS											
Cash and deposits with financial institutions	\$ 2,637	\$ 1,555	\$ 1,555	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Securities											
Securities at fair value through profit or loss	39,747	17,587	473	-	-	-	5	-	17,109	-	
Securities at fair value through other comprehensive income	22,264	16,695	16,695	-	-	-	-	-	-	-	
Securities at amortized cost	1,661	1,648	1,648	-	-	-	-	-	-	-	
Investment securities accounted for using the equity method	991	4,556	2,519	-	-	-	-	-	-	-	2,037
	64,663	40,486	21,335	-	-	-	5	-	17,109		2,037
Securities borrowed or purchased under reverse repurchase agreements	11,682	12,565	-	-	12,565	-	-	10,739	-	-	
Loans											
Residential mortgages	120,744	118,995	16,110	102,885	-	-	-	-	-	-	
Consumer, credit card and other personal loans	26,031	25,847	1,670	24,177	-	-	-	-	-	-	
Business and government loans	45,948	44,847	44,727	-	-	-	-	-	-	-	120
	192,723	189,689	62,507	127,062	-	-	-	-	-	-	120
Allowance for credit losses	(735)	(730)	(160)	(570)	-	-	-	-	-	-	
	191,988	188,959	62,347	126,492	-	-	-	-	-	-	120
Segregated fund net assets	14,379	-	-	-	-	-	-	-	-	-	
Other assets											
Clients' liabilities under acceptances	143	143	143	-	-	-	-	-	-	-	
Premiums receivable	2,330	-	-	-	-	-	-	-	-	-	
Derivative financial instruments	4,169	3,984	-	-	-	3,969	-	315	-	-	15
Amounts receivable from clients, brokers and financial institutions	3,186	3,137	3,137	-	-	-	-	-	-	-	
Reinsurance assets	1,966	-	-	-	-	-	-	-	-	-	
Right-of-use assets	590	973	973	-	-	-	-	-	-	-	
Land, buildings and equipment	2,377	957	957	-	-	-	-	-	-	-	
Goodwill	121	3	-	-	-	-	-	-	-	-	3
Intangible assets	382	150	-	-	-	-	-	-	-	-	150
Deferred tax assets	1,172	876	876	-	-	-	-	-	-	-	
Other	2,217	2,667	2,667	-	-	-	-	-	-	-	
	18,653	12,890	8,753	-	-	3,969	-	315	-	-	168
Total assets	\$ 304,002	\$ 256,455	\$ 93,990	\$ 126,492	\$ 12,565	\$ 3,969	\$ 5	\$ 11,054	\$ 17,109	\$ 2,325	

Table 8 – Risk-weighted assets (RWA)

	Internal Ratings- Based Approach		Standardized Approach		Total as at March 31, 2019			
(in millions of dollars and as a percentage)	Exposure ⁽¹⁾	RWA	Exposure ⁽¹⁾	RWA	Exposure ⁽¹⁾	RWA	Capital requirement ⁽²⁾	Average risk- weighting rate
Credit risk other than counterparty risk								
Sovereign borrowers	\$ -	\$ -	\$ 14,951	\$ -	\$ 14,951	\$ -	\$ -	-%
Financial institutions	-	-	11,832	2,379	11,832	2,379	190	20.1
Businesses	-	-	68,141	57,231	68,141	57,231	4,577	84.0
Securitization	-	-	5	61	5	61	5	1,250.0
Equities	-	-	242	344	242	344	28	142.1
SMEs similar to other retail client exposures	-	-	8,401	5,510	8,401	5,510	441	65.6
Mortgages	104,446	12,012	423	148	104,869	12,160	973	11.6
Other retail client exposures (excluding SMEs)	11,406	4,836	1,062	797	12,468	5,633	451	45.2
Qualifying-revolving retail client exposures	39,143	10,257	-	-	39,143	10,257	821	26.2
Sub-total – Credit risk other than counterparty risk	154,995	27,105	105,057	66,470	260,052	93,575	7,486	36.0
Counterparty risk								
Sovereign borrowers	-	-	82	-	82	-	-	-
Financial institutions	-	-	2,672	535	2,672	535	43	20.0
Businesses	-	-	15	15	15	15	1	100.0
Trading portfolios	-	-	1,457	675	1,457	675	54	46.3
Credit valuation adjustment charge (CVA)	-	-	-	-	-	1,582	126	-
Additional requirements related to the banking and trading portfolio	-	-	-	-	173	10	1	-
Sub-total – Counterparty risk	-	-	4,226	1,225	4,399	2,817	225	64.0
Other assets ⁽³⁾	-	-	-	-	18,687	12,976	1,039	69.4
Scaling factors ⁽⁴⁾	-	1,627	-	-	-	1,628	130	-
Total – Credit risk	154,995	28,732	109,283	67,695	283,138	110,996	8,880	39.2
Market risk								
Value at Risk (VaR)	-	640	-	-	-	640	51	-
Stressed VaR	-	2,258	-	-	-	2,257	181	-
Incremental risk charge (IRC) ⁽⁵⁾	-	1,468	-	-	-	1,468	117	-
Other ⁽⁶⁾	-	-	-	580	-	580	46	-
Total – Market risk⁽⁷⁾	-	4,366	-	580	-	4,945	395	-
Operational risk⁽⁸⁾	-	-	-	12,364	-	12,364	989	-
Total risk-weighted assets before capital floor	\$ 154,995	\$ 33,098	\$ 109,283	\$ 80,639	\$ 283,138	\$ 128,305	\$ 10,264	-%
Risk-weighted assets after the transitional provisions for the CVA charge⁽⁹⁾								
RWA for Tier 1A capital	-	-	-	-	-	128,305	10,264	-
RWA for Tier 1 capital	-	-	-	-	-	128,305	10,264	-
RWA for total capital	-	-	-	-	-	128,305	10,264	-
Transitional capital floor adjustment	-	-	-	-	-	-	-	-
Total risk-weighted assets	\$ 154,995	\$ 33,098	\$ 109,283	\$ 80,639	\$ 283,138	\$ 128,305	\$ 10,264	-%

Footnotes to this table are presented on the next page.

Table 8 – Risk-weighted assets (RWA) (continued)

	Risk-weighted assets							
	As at December 31, 2018	As at September 30, 2018	As at June 30, 2018	As at March 31, 2018	As at December 31, 2017	As at September 30, 2017	As at June 30, 2017	As at March 31, 2017
(in millions of dollars and as a percentage)								
Credit risk other than counterparty risk								
Sovereign borrowers	\$ 102	\$ 99	\$ 99	\$ 2	\$ 28	\$ 29	\$ 4	\$ 2
Financial institutions	2,106	2,164	2,084	1,898	2,094	2,135	2,044	2,050
Businesses	56,333	53,826	47,535	46,024	43,738	43,309	42,644	41,748
Securitization	63	68	67	71	75	85	93	98
Equities	334	289	288	291	241	213	217	123
SMEs similar to other retail client exposures	5,394	5,360	4,648	4,616	4,687	4,885	4,804	4,611
Mortgages	11,643	11,646	11,433	10,919	9,769	8,765	8,409	8,437
Other retail client exposures (excluding SMEs)	5,534	5,255	4,868	4,403	3,975	3,597	3,370	3,171
Qualifying-revolving retail client exposures	10,159	9,219	8,869	9,090	8,833	7,641	7,455	7,581
Sub-total - Credit risk other than counterparty risk	91,668	87,926	79,891	77,314	73,440	70,659	69,040	67,821
Counterparty risk								
Financial institutions	551	396	379	386	343	325	310	295
Businesses	12	11	8	17	5	7	20	8
Trading portfolios	533	333	395	373	365	334	269	250
Credit valuation adjustment charge (CVA)	1,452	1,063	1,051	1,023	903	854	773	738
Additional requirements related to the banking and trading portfolio	14	4	4	8	1	2	1	2
Sub-total – Counterparty risk	2,562	1,807	1,837	1,807	1,617	1,522	1,373	1,293
Other assets ⁽³⁾	11,268	11,304	11,020	11,826	11,677	10,053	10,050	9,958
Scaling factors ⁽⁴⁾	1,584	1,516	1,467	1,431	1,333	1,185	1,137	1,137
Total - Credit risk	107,082	102,553	94,215	92,378	88,067	83,419	81,600	80,209
Market risk								
Value at Risk (VaR)	575	681	-	-	-	-	-	-
Stressed VaR	2,335	2,106	-	-	-	-	-	-
Incremental risk charge (IRC) ⁽⁵⁾	1,732	1,798	-	-	-	-	-	-
Other ⁽⁶⁾	754	489	2,552	2,432	1,965	2,289	1,887	2,608
Total - Market risk⁽⁷⁾	5,396	5,074	2,552	2,432	1,965	2,289	1,887	2,608
Operational risk⁽⁸⁾	12,232	12,171	11,997	11,890	11,850	11,831	11,849	13,365
Total risk-weighted assets before capital floor	124,710	119,798	108,764	106,700	101,882	97,539	95,336	96,182
Risk-weighted assets after the transitional provisions for the CVA charge⁽⁹⁾								
RWA for Tier 1A capital	124,419	119,584	108,554	106,496	101,629	97,300	95,120	95,976
RWA for Tier 1 capital	124,463	119,617	108,585	106,527	101,674	97,342	95,159	96,013
RWA for total capital	124,506	119,649	108,617	106,558	101,710	97,377	95,190	96,042
Transitional capital floor adjustment	5,055	7,480	14,636	13,698	14,858	17,098	16,917	14,393
Total risk-weighted assets	\$ 129,474	\$ 127,064	\$ 123,190	\$ 120,194	\$ 116,487	\$ 114,398	\$ 112,037	\$ 110,369

⁽¹⁾ Net exposure after credit risk mitigation (net of allowances for expected credit losses on credit-impaired loans other than retail clients (except for credit card loans), under the Standardized Approach, excluding those under the Internal Ratings-Based Approach, in accordance with the AMF guideline).

⁽²⁾ The capital requirement represents 8% of risk-weighted assets.

⁽³⁾ Other assets are measured using a method other than the Standardized Approach or the Internal Ratings-Based Approach. Other assets include the portion of investments in components that are deconsolidated for regulatory capital purposes (mainly Desjardins Financial Corporation Inc.), below a certain threshold, the portion of investments in associates below a certain threshold, as well as the portion of other deferred tax assets above a certain threshold. These three items are weighted at 250% and the deducted portion (above a certain threshold) is weighted at 0%. This class excludes the CVA charge and the additional requirements related to the banking and trading portfolio, which are disclosed in the counterparty risk section.

⁽⁴⁾ The scaling factor is a 6.0% calibration of risk-weighted assets measured using the Internal Ratings-Based Approach for credit exposures in accordance with Section 1.3 of the AMF guideline.

⁽⁵⁾ Additional charge representing an estimate of default and migration risks of unsecuritized products exposed to interest rate risk.

⁽⁶⁾ Represents capital charges calculated using the Standardized Approach for the banking portfolios' currency risk and commodity risk. It should be noted that, since the 3rd quarter of 2018, the Internal Models Approach has been applied for all trading portfolios, following the approval of the AMF. Previously, the Standardized Approach was used for all market risk capital charges.

⁽⁷⁾ Internal models have been used to calculate market risk for trading portfolios since the 3rd quarter of 2018. The Standardized Approach was used for prior periods. Prior period data have not been restated.

⁽⁸⁾ The Standardized Approach has been used to measure operational risk since the 2nd quarter of 2017. The Basic Indicator Approach was used for prior periods. Prior period data have not been restated.

⁽⁹⁾ To account for the CVA charge, scaling factors have been applied since January 1, 2014 to calculate the Tier 1A, Tier 1 and total capital ratios. These scaling factors were 80%, 83% and 86%, respectively, in 2018. For fiscal 2019, in accordance with the AMF guideline, the factor applied is 100% for each disclosed ratio.

Table 9 – Change in risk-weighted assets⁽¹⁾

(in millions of dollars)	For the three-month periods ended								
	March 31, 2019			December 31, 2018			September 30, 2018		
	Credit risk other than counterparty risk	Counterparty risk	Total	Credit risk other than counterparty risk	Counterparty risk	Total	Credit risk other than counterparty risk	Counterparty risk	Total
Credit risk									
Risk-weighted assets at beginning of period	\$ 104,520	\$ 2,271	\$ 106,791	\$ 100,747	\$ 1,592	\$ 102,339	\$ 92,379	\$ 1,626	\$ 94,005
Size of portfolio ⁽²⁾	3,012	(645)	2,367	1,901	433	2,334	2,082	123	2,205
Quality of portfolio ⁽³⁾	240	569	809	242	226	468	449	(155)	294
Updating of models ⁽⁴⁾	-	-	-	939	-	939	-	-	-
Procedures and policies ⁽⁵⁾	505	628	1,133	466	-	466	5,907	-	5,907
Acquisitions and transfers	-	-	-	-	-	-	-	-	-
Change in exchange rates	(97)	(8)	(105)	225	20	245	(70)	(2)	(72)
Other	-	-	-	-	-	-	-	-	-
Total changes in risk-weighted assets	3,660	544	4,204	3,773	679	4,452	8,368	(34)	8,334
Risk-weighted assets at end of period	\$ 108,180	\$ 2,815	\$ 110,995	\$ 104,520	\$ 2,271	\$ 106,791	\$ 100,747	\$ 1,592	\$ 102,33

(in millions of dollars)	For the three-month periods ended								
	June 30, 2018			March 31, 2018			December 31, 2017		
	Credit risk other than counterparty risk	Counterparty risk	Total	Credit risk other than counterparty risk	Counterparty risk	Total	Credit risk other than counterparty risk	Counterparty risk	Total
Credit risk									
Risk-weighted assets at beginning of period	\$ 90,572	\$ 1,602	\$ 92,174	\$ 86,448	\$ 1,366	\$ 87,814	\$ 81,897	\$ 1,283	\$ 83,180
Size of portfolio ⁽²⁾	2,267	(17)	2,250	2,276	154	2,430	2,508	83	2,591
Quality of portfolio ⁽³⁾	38	40	78	752	-	752	(455)	-	(455)
Updating of models ⁽⁴⁾	-	-	-	-	-	-	2,120	-	2,120
Procedures and policies ⁽⁵⁾	321	-	321	1,003	82	1,085	352	-	352
Acquisitions and transfers	(892)	-	(892)	-	-	-	-	-	-
Change in exchange rates	73	1	74	93	-	93	26	-	26
Other	-	-	-	-	-	-	-	-	-
Total changes in risk-weighted assets	1,807	24	1,831	4,124	236	4,360	4,551	83	4,634
Risk-weighted assets at end of period	\$ 92,379	\$ 1,626	\$ 94,005	\$ 90,572	\$ 1,602	\$ 92,174	\$ 86,448	\$ 1,366	\$ 87,814

Footnotes to this table are presented on page 15.

Table 9 – Change in risk-weighted assets⁽¹⁾ (continued)

(in millions of dollars)	For the three-month periods ended								
	September 30, 2017			June 30, 2017			March 31, 2017		
	Credit risk other than counterparty risk	Counterparty risk	Total	Credit risk other than counterparty risk	Counterparty risk	Total	Credit risk other than counterparty risk	Counterparty risk	Total
Credit risk									
Risk-weighted assets at beginning of period	\$ 80,227	\$ 1,157	\$ 81,384	\$ 78,916	\$ 1,087	\$ 80,003	\$ 77,449	\$ 1,038	\$ 78,487
Size of portfolio ⁽²⁾	810	140	950	2,062	70	2,132	2,051	(11)	2,040
Quality of portfolio ⁽³⁾	921	(14)	907	(86)	-	(86)	(788)	1	(787)
Updating of models ⁽⁴⁾	-	-	-	-	-	-	-	-	-
Procedures and policies ⁽⁵⁾	-	-	-	(586)	-	(586)	242	59	301
Acquisitions and transfers	65	-	65	-	-	-	-	-	-
Change in exchange rates	(126)	-	(126)	(79)	-	(79)	(38)	-	(38)
Other	-	-	-	-	-	-	-	-	-
Total changes in risk-weighted assets	1,670	126	1,796	1,311	70	1,381	1,467	49	1,516
Risk-weighted assets at end of period	\$ 81,897	\$ 1,283	\$ 83,180	\$ 80,227	\$ 1,157	\$ 81,384	\$ 78,916	\$ 1,087	\$ 80,003

Footnotes to this table are presented on page 15.

Table 9 – Change in risk-weighted assets⁽¹⁾ (continued)

	For the three-month periods ended								
(in millions of dollars)	March 31, 2019	December 31, 2018	September 30, 2018	June 30, 2018	March 31, 2018	December 31, 2017	September 30, 2017	June 30, 2017	March 31, 2017
Market risk									
Risk-weighted assets at beginning of period	\$ 5,396	\$ 5,074	\$ 2,552	\$ 2,432	\$ 1,965	\$ 2,289	\$ 1,887	\$ 2,608	\$ 1,810
Change in risk level ⁽⁶⁾	(451)	322	(516)	120	467	(324)	402	(721)	798
Updating of models ⁽⁴⁾	-	-	-	-	-	-	-	-	-
Procedures and policies ⁽⁵⁾	-	-	3,038	-	-	-	-	-	-
Acquisitions and transfers	-	-	-	-	-	-	-	-	-
Change in exchange rates	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-
Total changes in risk-weighted assets	(451)	322	2,522	120	467	(324)	402	(721)	798
Risk-weighted assets at end of period	\$ 4,945	\$ 5,396	\$ 5,074	\$ 2,552	\$ 2,432	\$ 1,965	\$ 2,289	\$ 1,887	\$ 2,608
Operational risk									
Risk-weighted assets at beginning of the period	\$ 12,232	\$ 12,171	\$ 11,997	\$ 11,890	\$ 11,850	\$ 11,831	\$ 11,849	\$ 13,365	\$ 13,315
Revenue generated	132	61	174	119	40	19	(18)	75	50
Procedures and policies ⁽⁵⁾	-	-	-	-	-	-	-	(1,591)	-
Acquisitions and transfers	-	-	-	(12)	-	-	-	-	-
Total changes in risk-weighted assets	132	61	174	107	40	19	(18)	(1,516)	50
Risk-weighted assets at end of period	\$ 12,364	\$ 12,232	\$ 12,171	\$ 11,997	\$ 11,890	\$ 11,850	\$ 11,831	\$ 11,849	\$ 13,365
Transitional threshold adjustment									
Risk-weighted assets at beginning of the period	\$ 5,055	\$ 7,480	\$ 14,636	\$ 13,698	\$ 14,858	\$ 17,098	\$ 16,917	\$ 14,393	\$ 14,532
Size of portfolio ⁽²⁾	-	(264)	2,003	1,462	30	(361)	358	286	(200)
Quality of portfolio ⁽³⁾	-	(762)	(223)	666	(212)	203	(175)	120	308
Updating of models ⁽⁴⁾	-	(916)	-	-	-	(2,076)	-	-	-
Procedures and policies ⁽⁵⁾	(5,055)	(474)	(8,937)	(325)	(973)	(6)	-	2,117	(247)
Acquisitions and transfers	-	-	-	(867)	-	-	(1)	-	-
Change in exchange rates	-	(9)	1	2	(5)	-	(1)	1	-
Other	-	-	-	-	-	-	-	-	-
Total changes in risk-weighted assets	(5,055)	(2,425)	(7,156)	938	(1,160)	(2,240)	181	2,524	(139)
Risk-weighted assets at end of year	\$ -	\$ 5,055	\$ 7,480	\$ 14,636	\$ 13,698	\$ 14,858	\$ 17,098	\$ 16,917	\$ 14,393

⁽¹⁾ For the periods prior to March 31, 2019, risk-weighted assets accounted for the transitional provision for to the CVA applicable to Tier 1A capital.

⁽²⁾ Increase or decrease in underlying risk exposure.

⁽³⁾ Change in risk mitigation factors and portfolio quality.

⁽⁴⁾ Changes in risk parameters and models.

⁽⁵⁾ Regulatory changes and developments in the regulatory capital calculation methods.

⁽⁶⁾ Change in risk levels and change in exchange rates, which are not considered to be material.

Table 10 – Risk-weighted assets⁽¹⁾ by business segment

(in millions of dollars)	As at March 31, 2019	As at December 31, 2018	As at September 30, 2018	As at June 30, 2018	As at March 31, 2018
Allocated to business segments					
Personal and Business Services	\$ 106,341	\$ 105,540	\$ 101,256	\$ 92,460	\$ 89,891
Wealth Management and Life and Health Insurance	7,778	5,360	5,445	5,641	6,124
Property and Casualty Insurance	2,636	2,376	2,410	2,161	2,230
Other	11,550	11,143	10,473	8,292	8,251
Not allocated ⁽²⁾	-	5,055	7,480	14,636	13,698
Total risk-weighted assets	\$ 128,305	\$ 129,474	\$ 127,064	\$ 123,190	\$ 120,194

(in millions of dollars)	As at December 31, 2017	As at September 30, 2017	As at June 30, 2017	As at March 31, 2017
Allocated to business segments				
Personal and Business Services	\$ 85,672	\$ 81,550	\$ 79,840	\$ 80,845
Wealth Management and Life and Health Insurance	5,996	5,733	5,291	5,359
Property and Casualty Insurance	2,437	2,231	2,444	2,561
Other	7,523	7,785	7,545	7,211
Not allocated ⁽²⁾	14,859	17,099	16,917	14,393
Total risk-weighted assets	\$ 116,487	\$ 114,398	\$ 112,037	\$ 110,369

⁽¹⁾ Risk-weighted assets represent the amount of risk-weighted assets used in calculating the Tier 1A capital ratio.

⁽²⁾ Includes risk-weighted assets related to the capital floor adjustment.

Table 11 – Risk exposure by asset class (exposure at default [EAD])

(in millions of dollars)	As at March 31, 2019							As at December 31, 2018						
	Exposure classes ⁽¹⁾							Exposure classes ⁽¹⁾						
	Used exposure	Unused exposure	Repo-style transactions	OTC derivatives	Off-balance sheet exposure	Total	Net exposure ⁽²⁾	Used exposure	Unused exposure	Repo-style transactions	OTC derivatives	Off-balance sheet exposure	Total	Net exposure ⁽²⁾
Standardized Approach														
Sovereign borrowers	\$ 14,109	\$ 649	\$ 1,377	\$ 5	\$ 193	\$ 16,333	\$ 15,033	\$ 14,493	\$ 669	\$ 30	\$ 8	\$ 184	\$ 15,384	\$ 15,354
Financial institutions	8,837	2,850	1,930	2,615	400	16,632	14,504	8,052	2,581	2,069	4,593	390	17,685	13,498
Businesses	61,398	5,760	398	2	1,456	69,014	68,157	60,191	6,090	147	17	1,397	67,842	67,220
SMEs similar to other retail client exposures	8,299	91	5	-	99	8,494	8,401	8,151	129	-	-	103	8,383	8,294
Mortgages	422	1	-	-	-	423	423	435	-	-	-	-	435	435
Other retail client exposures (excluding SMEs)	1,500	428	-	-	-	1,928	1,062	1,541	406	-	-	-	1,947	1,057
Securitization	5	-	-	-	-	5	5	5	-	-	-	-	5	5
Equities	242	-	-	-	-	242	242	250	-	-	-	-	250	250
Trading portfolio	-	-	19,169	663	-	19,832	1,457	-	-	20,375	828	-	21,203	1,234
Internal Ratings-Based approach														
Mortgages	92,392	12,054	-	-	-	104,446	104,446	92,158	11,735	-	-	-	103,893	103,893
Revolving retail client exposures	11,551	27,592	-	-	-	39,143	39,143	11,879	27,298	-	-	-	39,177	39,177
Other retail client exposures	10,906	457	-	-	42	11,405	11,405	10,785	443	-	-	43	11,271	11,271
Total	\$ 209,661	\$ 49,882	\$ 22,879	\$ 3,285	\$ 2,190	\$ 287,897	\$ 264,278	\$ 207,940	\$ 49,351	\$ 22,621	\$ 5,446	\$ 2,117	\$ 287,475	\$ 261,688
(in millions of dollars)	As at September 30, 2018							As at June 30, 2018						
	Exposure classes ⁽¹⁾							Exposure classes ⁽¹⁾						
	Used exposure	Unused exposure	Repo-style transactions	OTC derivatives	Off-balance sheet exposure	Total	Net exposure ⁽²⁾	Used exposure	Unused exposure	Repo-style transactions	OTC derivatives	Off-balance sheet exposure	Total	Net exposure ⁽²⁾
Standardized Approach														
Sovereign borrowers	\$ 15,158	\$ 681	\$ 524	\$ 11	\$ 224	\$ 16,598	\$ 16,098	\$ 14,201	\$ 714	\$ 1	\$ 9	\$ 160	\$ 15,085	\$ 15,084
Financial institutions	8,191	2,547	2,337	3,698	433	17,206	12,880	7,894	2,114	1,083	3,707	649	15,447	12,043
Businesses	57,798	5,977	146	2	1,109	65,032	64,478	52,723	5,442	160	2	582	58,909	58,377
SMEs similar to other retail client exposures	8,097	173	-	-	104	8,374	8,280	6,720	159	-	-	36	6,915	6,857
Mortgages	438	-	-	-	-	438	438	461	-	-	-	-	461	461
Other retail client exposures (excluding SMEs)	1,508	332	-	-	-	1,840	922	1,445	245	-	-	-	1,690	745
Securitization	5	-	-	-	-	5	5	5	-	-	-	-	5	5
Equities	200	-	-	-	-	200	200	199	-	-	-	-	199	199
Trading portfolio	-	-	19,765	699	-	20,464	1,159	-	-	18,029	1,000	-	19,029	1,260
Internal Ratings-Based Approach														
Mortgages	92,162	11,489	-	-	-	103,651	103,651	96,477	13,503	-	-	-	109,980	109,980
Revolving retail client exposures	11,624	26,851	-	-	-	38,475	38,475	11,452	26,397	-	-	-	37,849	37,849
Other retail client exposures	10,589	429	-	-	43	11,061	11,061	10,319	412	-	-	43	10,774	10,774
Total	\$ 205,770	\$ 48,479	\$ 22,772	\$ 4,410	\$ 1,913	\$ 283,344	\$ 257,647	\$ 201,896	\$ 48,986	\$ 19,273	\$ 4,718	\$ 1,470	\$ 276,343	\$ 253,634

Footnotes to this table are presented on page 19.

Table 11 – Risk exposure by asset class (exposure at default [EAD]) (continued)

(in millions of dollars)	As at March 31, 2018						As at December 31, 2017							
	Exposure classes ⁽¹⁾						Exposure classes ⁽¹⁾							
	Used exposure	Unused exposure	Repo-style transactions	OTC derivatives	Off-balance sheet exposure	Total	Net exposure ⁽²⁾	Used exposure	Unused exposure	Repo-style transactions	OTC derivatives	Off-balance sheet exposure	Total	Net exposure ⁽²⁾
Standardized Approach														
Sovereign borrowers	\$ 13,935	\$ 687	\$ -	\$ 6	\$ 150	\$ 14,778	\$ 14,778	\$ 13,745	\$ 678	\$ 16	\$ 8	\$ 141	\$ 14,588	\$ 14,572
Financial institutions	7,017	2,200	1,178	3,413	670	14,478	11,272	7,475	2,478	483	3,287	524	14,247	11,778
Businesses	51,081	5,402	211	12	610	57,316	56,699	49,094	4,823	283	2	639	54,841	54,122
SMEs similar to other retail client exposures	6,697	160	-	-	34	6,891	6,830	6,822	188	-	-	34	7,044	6,981
Mortgages	464	-	-	-	-	464	464	411	-	-	-	-	411	411
Other retail client exposures (excluding SMEs)	1,509	205	-	-	-	1,714	525	1,438	67	-	-	-	1,505	279
Securitization	6	-	-	-	-	6	6	6	-	-	-	-	6	6
Equities	203	-	-	-	-	203	203	152	-	-	-	-	152	152
Trading portfolio	-	-	19,293	1,139	-	20,432	1,454	-	-	17,840	750	-	18,590	1,268
Internal Ratings-Based Approach														
Mortgages	93,651	13,040	-	-	-	106,691	106,691	93,067	12,614	-	-	-	105,681	105,681
Revolving retail client exposures	11,112	26,199	-	-	-	37,311	37,311	11,239	26,110	-	-	-	37,349	37,349
Other retail client exposures	9,832	411	-	-	43	10,286	10,286	9,577	395	-	-	21	9,993	9,993
Total	\$ 195,507	\$ 48,304	\$ 20,682	\$ 4,570	\$ 1,507	\$ 270,570	\$ 246,519	\$ 193,026	\$ 47,353	\$ 18,622	\$ 4,047	\$ 1,359	\$ 264,407	\$ 242,592
(in millions of dollars)	As at September 30, 2017						As at June 30, 2017							
	Exposure classes ⁽¹⁾						Exposure classes ⁽¹⁾							
	Used exposure	Unused exposure	Repo-style transactions	OTC derivatives	Off-balance sheet exposure	Total	Net exposure ⁽²⁾	Used exposure	Unused exposure	Repo-style transactions	OTC derivatives	Off-balance sheet exposure	Total	Net exposure ⁽²⁾
Standardized Approach														
Sovereign borrowers	\$ 14,261	\$ 459	\$ 3	\$ 5	\$ 130	\$ 14,858	\$ 14,855	\$ 15,847	\$ 442	\$ 1,223	\$ 3	\$ 19	\$ 17,534	\$ 16,397
Financial institutions	7,630	2,489	1,134	2,956	602	14,811	11,850	6,771	2,639	694	3,140	752	13,996	11,178
Businesses	48,786	4,624	162	3	560	54,135	53,632	48,116	4,466	91	25	596	53,294	52,787
SMEs similar to other retail client exposures	7,210	222	-	-	34	7,466	7,399	7,174	242	-	-	35	7,451	7,383
Mortgages	271	-	-	-	-	271	271	206	-	-	-	-	206	206
Other retail client exposures (excluding SMEs)	1,452	39	-	-	-	1,491	258	1,456	35	-	-	-	1,491	264
Securitization	7	-	-	-	-	7	7	7	-	-	-	-	7	7
Equities	124	-	-	-	-	124	124	128	-	-	-	-	128	128
Trading portfolio	-	-	17,202	833	-	18,035	1,191	-	-	12,609	860	-	13,469	886
Internal Ratings-Based Approach														
Mortgages	91,805	9,290	-	-	-	101,095	101,095	90,587	9,094	-	-	-	99,681	99,681
Revolving retail client exposures	10,934	25,376	-	-	-	36,310	36,310	10,753	24,921	-	-	-	35,674	35,674
Other retail client exposures	9,217	354	-	-	21	9,592	9,592	8,840	347	-	-	23	9,210	9,210
Total	\$ 191,697	\$ 42,853	\$ 18,501	\$ 3,797	\$ 1,347	\$ 258,195	\$ 236,584	\$ 189,885	\$ 42,186	\$ 14,617	\$ 4,028	\$ 1,425	\$ 252,141	\$ 233,801

Footnotes to this table are presented on page 19.

Table 11 – Risk exposure by asset class (exposure at default [EAD]) (continued)

	As at March 31, 2017						Net exposure ⁽²⁾
	Exposure classes ⁽¹⁾					Total	
(in millions of dollars)	Used exposure	Unused exposure	Repo-style transactions	OTC derivatives	Off-balance sheet exposure	Total	Net exposure ⁽²⁾
Standardized Approach							
Sovereign borrowers	\$ 14,945	\$ 449	\$ 7	\$ 3	\$ 85	\$ 15,489	\$ 15,482
Financial institutions	6,885	2,676	379	3,198	624	13,762	11,211
Businesses	46,940	4,579	287	-	646	52,452	51,679
SMEs similar to other retail client exposures	7,169	66	-	-	44	7,279	7,207
Mortgages	186	-	-	-	-	186	186
Other retail client exposures (excluding SMEs)	1,463	18	-	-	-	1,481	221
Securitization	8	-	-	-	-	8	8
Equities	122	-	-	-	-	122	122
Trading portfolio	-	-	15,957	784	-	16,741	938
Internal Ratings-Based Approach							
Mortgages	88,448	8,764	-	-	-	97,212	97,212
Revolving retail client exposures	10,451	24,653	-	-	-	35,104	35,104
Other retail client exposures	8,540	344	-	-	21	8,905	8,905
Total	\$ 185,157	\$ 41,549	\$ 16,630	\$ 3,985	\$ 1,420	\$ 248,741	\$ 228,275

⁽¹⁾ The definition of exposure classes related to regulatory capital requirements differs from the accounting classification.

⁽²⁾ After using credit risk mitigation (CRM) techniques, including collateral, guarantees and credit derivatives.

Table 12 – Exposure at default – Businesses, sovereign borrowers and financial institutions by industry

(in millions of dollars)	As at March 31, 2019							As at December 31, 2018						
	Exposure classes ⁽¹⁾							Exposure classes ⁽¹⁾						
	Used exposure	Unused exposure	Repo-style transactions	OTC derivatives	Off-balance sheet exposure	Total	Net exposure ⁽²⁾	Used exposure	Unused exposure	Repo-style transactions	OTC derivatives	Off-balance sheet exposure	Total	Net exposure ⁽²⁾
Industries														
Agriculture	\$ 6,833	\$ 184	\$ -	\$ -	\$ 16	\$ 7,033	\$ 7,026	\$ 6,703	\$ 200	\$ -	\$ -	\$ 15	\$ 6,918	\$ 6,912
Mining, oil and gas	320	456	-	-	94	870	870	298	458	-	-	94	850	851
Utilities	13,544	1,542	1,377	-	274	16,737	15,428	13,596	1,559	30	3	267	15,455	15,417
Construction	2,629	925	-	-	190	3,744	3,669	2,499	913	-	-	177	3,589	3,516
Manufacturing	3,360	830	-	-	211	4,401	4,387	3,245	876	-	-	219	4,340	4,325
Wholesale trade	1,377	140	-	-	77	1,594	1,585	1,283	125	-	-	70	1,478	1,469
Retail trade	2,600	346	-	-	24	2,970	2,953	2,411	355	-	-	24	2,790	2,772
Transportation	1,111	395	-	-	95	1,601	1,597	1,054	365	-	-	99	1,518	1,514
Information industry	427	322	-	-	261	1,010	1,008	456	307	-	-	261	1,024	1,023
Finance and insurance	8,891	1,459	2,328	2,622	546	15,846	13,216	8,768	1,378	2,216	4,615	545	17,522	13,060
Real estate	33,212	929	-	-	90	34,231	34,139	32,722	1,060	-	-	82	33,864	33,769
Professional services	611	186	-	-	62	859	848	519	175	-	-	27	721	710
Management of companies	759	67	-	-	34	860	788	801	74	-	-	17	892	821
Administrative services	235	13	-	-	29	277	268	291	15	-	-	28	334	325
Education	1,501	986	-	-	8	2,495	2,495	1,564	1,028	-	-	8	2,600	2,598
Health care	3,514	239	-	-	7	3,760	3,747	3,222	244	-	-	6	3,472	3,462
Arts and entertainments	654	58	-	-	6	718	715	613	57	-	-	8	678	675
Accommodation	1,171	20	-	-	3	1,194	1,187	1,131	13	-	-	3	1,147	1,139
Other services	627	44	-	-	13	684	673	600	33	-	-	11	644	639
Other businesses	968	118	-	-	9	1,095	1,095	960	105	-	-	10	1,075	1,075
Total	\$ 84,344	\$ 9,259	\$ 3,705	\$ 2,622	\$ 2,049	\$ 101,979	\$ 97,694	\$ 82,736	\$ 9,340	\$ 2,246	\$ 4,618	\$ 1,971	\$ 100,911	\$ 96,072
(in millions of dollars)	As at September 30, 2018							As at June 30, 2018						
	Exposure classes ⁽¹⁾							Exposure classes ⁽¹⁾						
	Used exposure	Unused exposure	Repo-style transactions	OTC derivatives	Off-balance sheet exposure	Total	Net exposure ⁽²⁾	Used exposure	Unused exposure	Repo-style transactions	OTC derivatives	Off-balance sheet exposure	Total	Net exposure ⁽²⁾
Industries														
Agriculture	\$ 6,385	\$ 204	\$ -	\$ -	\$ 19	\$ 6,608	\$ 6,603	\$ 6,910	\$ 186	\$ -	\$ -	\$ 11	\$ 7,107	\$ 7,099
Mining, oil and gas	291	454	-	-	95	840	840	345	457	-	-	51	853	853
Utilities	14,096	1,519	524	-	306	16,445	15,937	13,290	1,488	1	-	189	14,968	14,961
Construction	2,370	862	-	-	175	3,407	3,333	2,383	742	-	-	81	3,206	3,151
Manufacturing	3,000	827	-	-	206	4,033	4,021	3,194	504	-	-	102	3,800	3,789
Wholesale trade	1,247	131	-	-	88	1,466	1,457	1,334	99	-	-	50	1,483	1,471
Retail trade	2,459	332	-	-	26	2,817	2,800	2,703	345	-	-	10	3,058	3,044
Transportation	1,108	409	-	-	100	1,617	1,614	1,194	419	-	-	51	1,664	1,660
Information industry	436	286	-	-	40	762	761	454	283	-	-	20	757	755
Finance and insurance	9,089	1,358	2,465	3,711	525	17,148	12,627	8,900	1,162	1,229	3,718	729	15,738	12,115
Real estate	31,551	958	-	-	81	32,590	32,494	24,790	707	-	-	36	25,533	25,470
Professional services	457	145	-	-	29	631	622	493	117	-	-	13	623	614
Management of companies	747	112	-	-	17	876	807	806	109	-	-	11	926	854
Administrative services	241	9	-	-	15	265	256	235	16	-	-	9	260	251
Education	1,317	1,137	-	-	8	2,462	2,461	1,220	1,171	-	-	4	2,395	2,392
Health care	3,134	257	-	-	3	3,394	3,381	3,037	257	-	-	2	3,296	3,284
Arts and entertainments	633	49	-	-	8	690	688	608	46	-	-	3	657	655
Accommodation	1,078	24	-	-	3	1,105	1,098	1,158	22	-	-	2	1,182	1,172
Other services	582	42	-	-	11	635	627	659	38	-	-	7	704	695
Other businesses	926	90	18	-	11	1,045	1,029	1,105	102	14	-	10	1,231	1,219
Total	\$ 81,147	\$ 9,205	\$ 3,007	\$ 3,711	\$ 1,766	\$ 98,836	\$ 93,456	\$ 74,818	\$ 8,270	\$ 1,244	\$ 3,718	\$ 1,391	\$ 89,441	\$ 85,504

Footnotes to this table are presented on page 22.

Table 12 – Exposure at default – Businesses, sovereign borrowers and financial institutions by industry (continued)

(in millions of dollars)	As at March 31, 2018							As at December 31, 2017						
	Exposure classes ⁽¹⁾							Exposure classes ⁽¹⁾						
	Used exposure	Unused exposure	Repo-style transactions	OTC derivatives	Off-balance sheet exposure	Total	Net exposure ⁽²⁾	Used exposure	Unused exposure	Repo-style transactions	OTC derivatives	Off-balance sheet exposure	Total	Net exposure ⁽²⁾
Industries														
Agriculture	\$ 6,583	\$ 167	\$ -	\$ -	\$ 11	\$ 6,761	\$ 6,751	\$ 6,492	\$ 144	\$ -	\$ -	\$ 12	\$ 6,648	\$ 6,640
Mining, oil and gas	338	450	-	-	52	840	839	308	460	-	-	52	820	819
Utilities	13,204	1,485	-	-	184	14,873	14,864	13,306	1,404	16	-	174	14,900	14,877
Construction	2,155	622	-	-	82	2,859	2,806	2,066	583	-	-	78	2,727	2,678
Manufacturing	2,846	543	-	-	100	3,489	3,478	2,601	597	-	-	96	3,294	3,280
Wholesale trade	1,353	126	-	-	44	1,523	1,513	1,256	192	-	-	45	1,493	1,484
Retail trade	2,687	325	-	-	8	3,020	3,007	2,592	328	-	-	8	2,928	2,910
Transportation	1,140	484	-	-	52	1,676	1,669	1,090	463	-	-	53	1,606	1,600
Information industry	337	323	-	-	20	680	679	333	345	-	-	-	678	677
Finance and insurance	8,116	1,134	1,389	3,431	787	14,857	11,331	7,345	1,053	766	3,297	683	13,144	10,247
Real estate	24,390	663	-	-	40	25,093	24,983	23,863	623	-	-	42	24,528	24,466
Professional services	460	126	-	-	12	598	589	445	133	-	-	14	592	586
Management of companies	833	154	-	-	10	997	926	817	224	-	-	18	1,059	982
Administrative services	234	10	-	-	7	251	243	206	15	-	-	7	228	219
Education	1,112	1,191	-	-	3	2,306	2,306	1,621	926	-	-	4	2,551	2,550
Health care	2,898	210	-	-	1	3,109	3,097	2,716	216	-	-	1	2,933	2,926
Arts and entertainments	620	42	-	-	3	665	663	729	41	-	-	3	773	772
Accommodation	1,060	29	-	-	2	1,091	1,081	1,020	33	-	-	2	1,055	1,046
Other services	659	38	-	-	7	704	697	635	34	-	-	7	676	669
Other businesses	1,008	167	-	-	5	1,180	1,227	873	165	-	-	5	1,043	1,044
Total	\$ 72,033	\$ 8,289	\$ 1,389	\$ 3,431	\$ 1,430	\$ 86,572	\$ 82,749	\$ 70,314	\$ 7,979	\$ 782	\$ 3,297	\$ 1,304	\$ 83,676	\$ 80,472
(in millions of dollars)	As at September 30, 2017							As at June 30, 2017						
	Exposure classes ⁽¹⁾							Exposure classes ⁽¹⁾						
	Used exposure	Unused exposure	Repo-style transactions	OTC derivatives	Off-balance sheet exposure	Total	Net exposure ⁽²⁾	Used exposure	Unused exposure	Repo-style transactions	OTC derivatives	Off-balance sheet exposure	Total	Net exposure ⁽²⁾
Industries														
Agriculture	\$ 6,179	\$ 153	\$ -	\$ -	\$ 12	\$ 6,344	\$ 6,335	\$ 5,957	\$ 148	\$ -	\$ -	\$ 11	\$ 6,116	\$ 6,106
Mining, oil and gas	422	457	-	-	52	931	930	431	456	-	-	4	891	890
Utilities	13,570	1,158	-	-	167	14,895	14,887	15,296	1,141	1,223	3	166	17,829	16,665
Construction	1,999	488	-	-	78	2,565	2,512	2,023	468	-	1	78	2,570	2,519
Manufacturing	2,462	547	-	-	97	3,106	3,098	2,428	520	-	-	92	3,040	3,030
Wholesale trade	1,235	158	-	-	47	1,440	1,432	1,178	153	-	-	45	1,376	1,370
Retail trade	2,398	399	-	-	10	2,807	2,793	2,763	387	-	-	8	3,158	3,144
Transportation	1,137	463	-	-	53	1,653	1,652	1,133	446	-	1	54	1,634	1,634
Information industry	319	322	-	-	19	660	660	312	315	-	1	19	647	647
Finance and insurance	8,278	976	1,299	2,964	663	14,180	10,994	7,551	1,081	785	3,161	796	13,374	10,350
Real estate	23,390	652	-	-	37	24,079	24,009	22,910	648	-	-	39	23,597	23,522
Professional services	461	122	-	-	15	598	593	428	130	-	-	20	578	573
Management of companies	818	214	-	-	16	1,048	975	756	128	-	-	10	894	822
Administrative services	229	9	-	-	7	245	236	243	12	-	-	7	262	252
Education	1,275	982	-	-	4	2,261	2,260	1,211	1,085	-	-	4	2,300	2,299
Health care	2,629	176	-	-	1	2,806	2,801	2,491	156	-	1	1	2,649	2,645
Arts and entertainments	776	41	-	-	2	819	818	634	42	-	-	2	678	677
Accommodation	973	35	-	-	1	1,009	999	964	23	-	-	1	988	977
Other services	630	39	-	-	6	675	669	597	31	-	-	5	633	628
Other businesses	1,497	181	-	-	5	1,683	1,684	1,427	178	-	-	5	1,610	1,612
Total	\$ 70,677	\$ 7,572	\$ 1,299	\$ 2,964	\$ 1,292	\$ 83,804	\$ 80,337	\$ 70,733	\$ 7,548	\$ 2,008	\$ 3,168	\$ 1,367	\$ 84,824	\$ 80,362

Footnotes to this table are presented on page 22.

Table 12 – Exposure at default – Businesses, sovereign borrowers and financial institutions by industry (continued)

As at March 31, 2017								
Exposure classes ⁽¹⁾								
(in millions of dollars)	Used exposure	Unused exposure	Repo-style transactions	OTC derivatives	Off-balance sheet exposure	Total	Net exposure ⁽²⁾	
Industries								
Agriculture	\$ 5,803	\$ 99	\$ -	\$ -	\$ 10	\$ 5,912	\$ 5,901	
Mining, oil and gas	288	447	-	-	3	738	737	
Utilities	14,222	1,102	7	-	163	15,494	15,442	
Construction	2,096	494	-	-	84	2,674	2,623	
Manufacturing	2,546	494	-	-	88	3,128	3,119	
Wholesale trade	1,175	170	-	-	43	1,388	1,378	
Retail trade	2,287	715	-	-	8	3,010	2,997	
Transportation	1,130	277	-	-	49	1,456	1,455	
Information industry	351	301	-	-	19	671	670	
Finance and insurance	7,691	1,035	666	3,201	801	13,394	10,399	
Real estate	22,102	771	-	-	33	22,906	22,832	
Professional services	427	92	-	-	17	536	532	
Management of companies	809	135	-	-	9	953	877	
Administrative services	293	8	-	-	6	307	298	
Education	1,232	1,125	-	-	4	2,361	2,359	
Health care	2,565	162	-	-	1	2,728	2,723	
Arts and entertainments	643	40	-	-	4	687	684	
Accommodation	935	21	-	-	1	957	947	
Other services	607	90	-	-	5	702	697	
Other businesses	1,568	126	-	-	7	1,701	1,702	
Total	\$ 68,770	\$ 7,704	\$ 673	\$ 3,201	\$ 1,355	\$ 81,703	\$ 78,372	

(1) The definition of exposure classes related to regulatory capital requirements differs from the accounting classification.

(2) After using credit risk mitigation (CRM) techniques, including collateral, guarantees and credit derivatives.

Table 13 – Reconciliation of exposure at default and regulatory balance sheet⁽¹⁾

	As at March 31, 2019				
	Items subject to:				Items not subject to credit risk
(in millions of dollars)	Total	Credit risk framework	Securitization provisions	Counterparty risk framework	
Cash and deposits with financial institutions	\$ 1,555	\$ 1,555	\$ -	\$ -	\$ -
Securities	40,486	21,335	5	-	19,146
Securities borrowed or purchased under reverse repurchase agreements	12,565	-	-	12,565	-
Loans	188,959	188,840	-	-	120
Segregated fund net assets	-	-	-	-	-
Other assets	12,890	8,752	-	3,969	168
Total assets	256,455	220,482	5	16,534	\$ 19,434
Commitments related to securities lent or sold under repurchase agreements	13,469	-	-	13,469	
Off-balance sheet derivative financial instruments	(683)	-	-	(683)	
Unused commitments	108,998	49,883	-	-	
Other off-balance sheet items	2,191	2,191	-	-	
Differences arising from the recognition of allowances	679	679	-	-	
Adjustments to account for differences related to on-balance sheet exposures	667	(262)	-	929	
Total exposure at default for credit risk	\$ 381,776	\$ 272,973	\$ 5	\$ 30,249	

⁽¹⁾ The definition of exposure classes related to regulatory capital requirements differs from the accounting classification.

Table 14 – Credit risk mitigation

	As at March 31, 2019			As at December 31, 2018		
	Exposure at default (EAD)	Exposure covered by collateral ⁽¹⁾	Exposure covered by guarantees/ credit derivatives	Exposure at default (EAD)	Exposure covered by collateral ⁽¹⁾	Exposure covered by guarantees/ credit derivatives
(in millions of dollars)						
Standardized Approach						
Sovereign borrowers	\$ 16,333	\$ 1,300	\$ -	\$ 15,384	\$ 30	\$ -
Financial institutions	16,632	2,128	226	17,685	4,187	233
Businesses	69,014	859	10,694	67,842	622	10,656
SMEs similar to other retail client exposures	8,494	94	1,227	8,383	89	1,261
Mortgages	423	-	-	435	-	-
Other retail client exposure (excluding SMEs)	1,928	866	-	1,947	890	-
Securitization	5	-	-	5	-	-
Equities	242	-	-	250	-	-
Trading portfolio	19,832	18,375	-	21,203	19,969	-
Internal Ratings-Based Approach⁽²⁾						
Mortgages	104,446	-	28,263	103,893	-	28,684
Revolving retail client exposures	39,143	-	-	39,177	-	-
Other retail client exposures	11,405	-	3,205	11,271	-	3,191
Total	\$ 287,897	\$ 23,622	\$ 43,615	\$ 287,475	\$ 25,787	\$ 44,025

	As at September 30, 2018			As at June 30, 2018		
	Exposure at default (EAD)	Exposure covered by collateral ⁽¹⁾	Exposure covered by guarantees/ credit derivatives	Exposure at default (EAD)	Exposure covered by collateral ⁽¹⁾	Exposure covered by guarantees/ credit derivatives
(in millions of dollars)						
Standardized Approach						
Sovereign borrowers	\$ 16,598	\$ 500	\$ -	\$ 15,085	\$ 1	\$ -
Financial institutions	17,206	4,326	228	15,447	3,404	233
Businesses	65,032	554	10,416	58,909	532	10,511
SMEs similar to other retail client exposures	8,374	94	1,282	6,915	58	1,187
Mortgages	438	-	-	461	-	-
Other retail client exposure (excluding SMEs)	1,840	918	-	1,690	945	-
Securitization	5	-	-	5	-	-
Equities	200	-	-	199	-	-
Trading portfolio	20,464	19,305	-	19,029	17,769	-
Internal Ratings-Based Approach⁽²⁾						
Mortgages	103,651	-	28,951	109,980	-	29,215
Revolving retail client exposures	38,475	-	-	37,849	-	-
Other retail client exposures	11,061	-	3,140	10,774	-	2,337
Total	\$ 283,344	\$ 25,697	\$ 44,017	\$ 276,343	\$ 22,709	\$ 43,483

Footnotes to this table are presented on page 26.

Table 14 – Credit risk mitigation (continued)

(in millions of dollars)	As at March 31, 2018			As at December 31, 2017		
	Exposure at default (EAD)	Exposure covered by collateral ⁽¹⁾	Exposure covered by guarantees/ credit derivatives	Exposure at default (EAD)	Exposure covered by collateral ⁽¹⁾	Exposure covered by guarantees/ credit derivatives
Standardized Approach						
Sovereign borrowers	\$ 14,778	\$ -	\$ -	\$ 14,588	\$ 16	\$ -
Financial institutions	14,478	3,206	234	14,247	2,469	263
Businesses	57,316	617	10,376	54,841	719	10,201
SMEs similar to other retail client exposures	6,891	61	1,213	7,044	63	1,279
Mortgages	464	-	-	411	-	-
Other retail client exposure (excluding SMEs)	1,714	1,189	-	1,505	1,226	-
Securitization	6	-	-	6	-	-
Equities	203	-	-	152	-	-
Trading portfolio	20,432	18,978	-	18,590	17,322	-
Internal Ratings-Based Approach⁽²⁾						
Mortgages	106,691	-	28,366	105,681	-	28,398
Revolving retail client exposures	37,311	-	-	37,349	-	-
Other retail client exposures	10,286	-	2,416	9,993	-	2,352
Total	\$ 270,570	\$ 24,051	\$ 42,605	\$ 264,407	\$ 21,815	\$ 42,493

(in millions of dollars)	As at September 30, 2017			As at June 30, 2017		
	Exposure at default (EAD)	Exposure covered by collateral ⁽¹⁾	Exposure covered by guarantees/ credit derivatives	Exposure at default (EAD)	Exposure covered by collateral ⁽¹⁾	Exposure covered by guarantees/ credit derivatives
Standardized Approach						
Sovereign borrowers	\$ 14,858	\$ 3	\$ 17	\$ 17,534	\$ 1,137	\$ 1
Financial institutions	14,811	2,961	279	13,996	2,818	300
Businesses	54,135	503	10,082	53,294	507	9,852
SMEs similar to other retail client exposures	7,466	67	1,451	7,451	68	1,559
Mortgages	271	-	173	206	-	-
Other retail client exposure (excluding SMEs)	1,491	1,233	-	1,491	1,227	-
Securitization	7	-	-	7	-	-
Equities	124	-	-	128	-	-
Trading portfolio	18,035	16,844	-	13,469	12,583	-
Internal Ratings-Based Approach⁽²⁾						
Mortgages	101,095	-	28,356	99,681	-	28,427
Revolving retail client exposures	36,310	-	-	35,674	-	-
Other retail client exposures	9,592	-	2,239	9,210	-	2,297
Total	\$ 258,195	\$ 21,611	\$ 42,597	\$ 252,141	\$ 18,340	\$ 42,436

Footnotes to this table are presented on page 26.

Table 14 – Credit risk mitigation (continued)

(in millions of dollars)	As at March 31, 2017		
	Exposure at default (EAD)	Exposure covered by collateral ⁽¹⁾	Exposure covered by guarantees/ credit derivatives
Standardized Approach			
Sovereign borrowers	\$ 15,489	\$ 7	\$ 2
Financial institutions	13,762	2,551	307
Businesses	52,452	773	9,690
SMEs similar to other retail client exposures	7,279	72	1,642
Mortgages	186	-	-
Other retail client exposure (excluding SMEs)	1,481	1,260	-
Securitization	8	-	-
Equities	122	-	-
Trading portfolio	16,741	15,803	-
Internal Ratings-Based Approach⁽²⁾			
Mortgages	97,212	-	27,226
Revolving retail client exposures	35,104	-	-
Other retail client exposures	8,905	-	2,394
Total	\$ 248,741	\$ 20,466	\$ 41,261

⁽¹⁾ Qualifying financial collateral includes cash, gold, qualifying debt securities, shares and mutual funds.

⁽²⁾ For exposures under the IRB Approach, qualifying financial collateral is taken into account when estimating loss given default (LGD) in internal models.

Table 15 – Details of the credit portfolio subject to the Advanced Internal Ratings-Based Approach

Used exposure

(in millions of dollars and as a percentage)		As at March 31, 2019							As at December 31, 2018						
	PD scale (%)	EAD-weighted average PD	EAD-weighted average LGD	EAD	RWA	RWA as a percentage of EAD	EL	RWA adjusted for EL, as a percentage of EAD ⁽¹⁾	EAD-weighted average PD	EAD-weighted average LGD	EAD	RWA	RWA as a percentage of EAD	EL	RWA adjusted for EL, as a percentage of EAD ⁽¹⁾
Exposures related to residential mortgage loans															
Insured exposures															
Excellent	0.00-0.14	0.08%	11.95%	\$ 8,450	\$ 202	2.39%	\$ 0.8	2.51%	0.08%	11.45%	\$ 8,386	\$ 192	2.29%	\$ 0.7	2.41%
Very low	0.15-0.24	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	0.25-0.49	0.26	13.18	7,157	460	6.42	2.5	6.85	0.26	12.52	7,252	442	6.10	2.4	6.51
Low	0.50-0.74	0.65	13.68	6,102	781	12.81	5.4	13.92	0.65	13.06	6,179	756	12.23	5.2	13.29
	0.75-2.49	1.56	14.27	5,341	1,267	23.71	11.9	26.49	1.56	13.63	5,369	1,219	22.71	11.5	25.38
Medium	2.50-9.99	5.44	13.96	1,456	679	46.64	11.0	56.11	5.41	13.61	1,491	674	45.23	10.9	54.37
High	10.00-99.99	27.39	13.44	318	249	78.44	11.7	124.44	27.39	12.69	308	228	74.10	10.7	117.55
Default	100.00	100.00	12.09	209	316	151.11	-	151.11	100.00	11.74	206	303	146.71	-	146.71
Sub-total		1.80	13.16	29,033	3,954	13.62	43.3	15.48	1.78	12.59	29,191	3,814	13.07	41.4	14.84
Uninsured exposures															
Excellent	0.00-0.14	0.08	12.99	22,849	593	2.60	2.4	2.73	0.08	12.35	22,240	549	2.47	2.2	2.59
Very low	0.15-0.24	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	0.25-0.49	0.26	13.69	16,601	1,107	6.67	5.9	7.11	0.26	12.92	16,590	1,045	6.29	5.6	6.71
Low	0.50-0.74	0.65	13.85	11,499	1,491	12.97	10.4	14.09	0.65	13.12	11,636	1,428	12.28	9.9	13.34
	0.75-2.49	1.57	14.19	9,267	2,198	23.72	20.7	26.51	1.57	13.43	9,346	2,099	22.46	19.8	25.10
Medium	2.50-9.99	5.43	13.86	2,436	1,126	46.22	18.3	55.58	5.37	13.41	2,490	1,105	44.40	17.8	53.31
High	10.00-99.99	27.42	13.10	486	372	76.47	17.5	121.36	27.42	12.46	452	329	72.73	15.4	115.44
Default	100.00	100.00	12.25	221	338	153.10	-	153.10	100.00	11.77	213	314	147.11	-	147.11
Sub-total		1.21	13.54	63,359	7,225	11.40	75.2	12.88	1.20	12.84	62,967	6,869	10.91	70.7	12.31
Total		1.40	13.42	92,392	11,179	12.10	118.5	13.70	1.38	12.76	92,158	10,683	11.59	112.1	13.11
Qualifying revolving retail client exposures (QRRCE)															
Excellent	0.00-0.14	0.07	83.85	2,439	84	3.46	1.3	4.14	0.06	83.97	2,623	89	3.44	1.4	4.12
Very low	0.15-0.24	0.19	87.96	539	48	9.00	0.9	11.09	0.19	87.96	575	52	9.00	1.0	11.09
	0.25-0.49	0.38	85.23	1,667	254	15.23	5.4	19.28	0.38	85.18	1,709	260	15.22	5.5	19.27
Low	0.50-0.74	0.68	80.45	447	102	22.86	2.4	29.70	0.68	80.56	451	103	22.89	2.5	29.73
	0.75-2.49	1.95	82.68	4,032	2,045	50.70	64.3	70.61	1.95	82.70	4,102	2,078	50.67	65.3	70.56
Medium	2.50-9.99	4.93	80.01	1,153	1,106	95.95	45.5	145.28	4.93	79.94	1,154	1,105	95.83	45.5	145.10
High	10.00-99.99	19.96	66.76	1,144	2,000	174.89	152.7	341.83	19.94	66.68	1,145	2,005	174.60	152.8	341.07
Default	100.00	100.00	79.96	130	1,297	999.56	-	999.56	100.00	79.96	119	1,187	999.48	-	999.48
Total		4.38	81.58	11,551	6,936	60.05	272.5	89.54	4.18	81.67	11,878	6,879	57.92	274.0	86.74
Other retail client exposures, excluding SMEs similar to the other retail client exposures															
Excellent	0.00-0.14	0.08	30.29	846	50	5.90	0.2	6.18	0.08	30.03	844	50	5.91	0.2	6.19
Very low	0.15-0.24	0.19	87.96	1	-	34.40	-	36.49	0.19	87.96	1	-	34.40	-	36.49
	0.25-0.49	0.28	28.03	1,289	180	13.96	1.0	14.91	0.28	27.46	1,255	172	13.67	0.9	14.61
Low	0.50-0.74	0.60	30.64	1,690	403	23.85	3.0	26.08	0.60	30.84	1,649	396	24.00	3.0	26.23
	0.75-2.49	1.60	36.26	2,432	1,033	42.43	14.4	49.80	1.60	36.47	2,405	1,026	42.67	14.3	50.10
Medium	2.50-9.99	3.19	38.09	4,100	2,176	53.09	49.5	49.80	3.22	38.05	4,108	2,180	53.08	50.0	50.10
High	10.00-99.99	24.43	34.70	410	342	83.38	34.7	189.20	24.43	34.82	403	337	83.68	34.2	189.91
Default	100.00	100.00	32.16	138	554	401.95	-	401.95	100.00	32.09	120	483	401.08	-	401.08
Total		3.87	34.54	10,906	4,738	43.44	102.8	55.21	3.75	34.55	10,785	4,644	43.06	102.6	54.96
Overall total		1.93%	22.28%	\$ 114,849	\$ 22,853	19.90%	\$ 493.8	25.27%	1.90%	21.94%	\$ 114,821	\$ 22,206	19.34%	\$ 488.7	24.66%

The footnote to this table is presented on page 36.

Table 15 – Details of the credit portfolio subject to the Advanced Internal Ratings-Based Approach (continued)

Used exposure

(in millions of dollars and as a percentage)

As at September 30, 2018									As at June 30, 2018						
	PD scale (%)	EAD-weighted average PD	EAD-weighted average LGD	EAD	RWA	RWA as a percentage of EAD	EL	RWA adjusted for EL, as a percentage of EAD ⁽¹⁾	EAD-weighted average PD	EAD-weighted average LGD	EAD	RWA	RWA as a percentage of EAD	EL	RWA adjusted for EL, as a percentage of EAD ⁽¹⁾
Exposures related to residential mortgage loans															
Insured exposures															
Excellent	0.00-0.14	0.08%	11.05%	\$ 8,019	\$ 177	2.21%	\$ 0.7	2.32%	0.08%	10.53%	\$ 8,463	\$ 178	2.11%	\$ 0.7	2.21%
	0.15-0.24	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Very low	0.25-0.49	0.26	12.06	7,358	433	5.88	2.3	6.27	0.26	11.29	7,558	416	5.50	2.2	5.87
	0.50-0.74	0.65	12.69	6,346	754	11.88	5.2	12.91	0.65	11.74	6,341	697	10.99	4.8	11.95
Low	0.75-2.49	1.56	13.34	5,687	1,265	22.23	12.0	24.84	1.55	12.38	5,478	1,126	20.56	10.6	22.97
	2.50-9.99	5.42	13.29	1,540	680	44.19	11.0	53.13	5.39	12.39	1,473	606	41.14	9.8	49.45
Medium	10.00-99.99	27.40	12.41	315	228	72.42	10.7	114.89	27.40	11.91	309	215	69.52	10.1	110.29
High															
Default	100.00	100.00	11.49	198	284	143.62	-	143.62	100.00	10.86	199	270	135.79	-	135.79
Sub-total		1.78	12.23	29,463	3,821	12.97	41.9	14.75	1.73	11.43	29,821	3,508	11.76	38.2	13.36
Uninsured exposures															
Excellent	0.00-0.14	0.08	12.11	21,366	518	2.42	2.1	2.54	0.08	11.52	23,370	539	2.30	2.2	2.42
	0.15-0.24	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Very low	0.25-0.49	0.26	12.72	16,738	1,037	6.19	5.5	6.61	0.26	11.98	17,873	1,043	5.84	5.6	6.23
	0.50-0.74	0.65	12.94	11,789	1,428	12.11	9.9	13.17	0.65	12.18	12,348	1,408	11.40	9.8	12.39
Low	0.75-2.49	1.57	13.29	9,573	2,122	22.18	19.9	24.78	1.56	12.46	9,792	2,034	20.77	19.0	23.21
	2.50-9.99	5.39	13.29	2,560	1,128	44.08	18.2	52.95	5.37	12.58	2,603	1,084	41.66	17.4	50.04
Medium	10.00-99.99	27.42	12.36	462	334	72.15	15.7	114.52	27.42	11.87	466	323	69.27	15.2	109.94
High															
Default	100.00	100.00	11.53	211	304	144.09	-	144.09	100.00	11.27	204	287	140.86	-	140.86
Sub-total		1.22	12.66	62,699	6,871	10.96	71.3	12.38	1.16	11.95	66,656	6,718	10.08	69.2	11.38
Total		1.40	12.52	92,162	10,692	11.60	113.2	13.14	1.33	11.79	96,477	10,226	10.60	107.4	11.99
Qualifying revolving retail client exposures (QRRCE)															
Excellent	0.00-0.14	0.07	77.51	2,512	80	3.20	1.3	3.83	0.07	77.73	2,596	83	3.19	1.3	3.83
	0.15-0.24	0.19	82.28	565	48	8.42	0.9	10.37	0.19	82.28	576	48	8.42	0.9	10.37
Very low	0.25-0.49	0.38	76.05	1,697	232	13.69	4.9	17.33	0.38	76.20	1,685	232	13.76	4.9	17.43
	0.50-0.74	0.68	65.53	457	85	18.62	2.0	24.19	0.68	65.31	443	82	18.55	2.0	24.11
Low	0.75-2.49	1.95	77.34	3,999	1,903	47.58	59.9	66.29	1.94	77.33	3,915	1,856	47.40	58.3	66.02
	2.50-9.99	4.94	71.70	1,137	982	86.34	40.4	130.80	4.93	71.64	1,080	931	86.18	38.3	130.54
Medium	10.00-99.99	19.94	61.39	1,138	1,829	160.70	139.5	313.83	19.96	61.37	1,039	1,669	160.66	127.3	313.83
High															
Default	100.00	100.00	72.36	119	1,078	904.48	-	904.48	100.00	72.43	118	1,069	905.35	-	905.35
Total		4.24	74.80	11,624	6,237	53.65	248.9	80.42	4.08	75.00	11,452	5,970	52.13	233.0	77.57
Other retail client exposures, excluding SMEs similar to the other retail client exposures															
Excellent	0.00-0.14	0.08	26.93	820	44	5.34	0.2	5.60	0.08	26.89	843	45	5.33	0.2	5.59
	0.15-0.24	0.19	82.28	1	-	32.18	-	34.13	0.19	82.28	2	1	32.18	-	34.13
Very low	0.25-0.49	0.28	25.70	1,199	153	12.79	0.8	13.67	0.28	25.63	1,221	156	12.76	0.9	13.63
	0.50-0.74	0.60	29.66	1,585	365	23.03	2.7	25.18	0.61	29.05	1,584	357	22.54	2.7	24.64
Low	0.75-2.49	1.61	36.21	2,415	1,025	42.43	14.3	49.83	1.60	35.42	2,336	968	41.44	13.5	48.65
	2.50-9.99	3.28	37.76	4,090	2,158	52.76	50.3	49.83	3.26	37.48	3,906	2,044	52.35	47.2	48.65
Medium	10.00-99.99	24.45	33.67	378	305	80.90	31.0	183.61	24.47	32.42	327	255	77.91	25.9	176.84
High															
Default	100.00	100.00	33.31	102	427	416.40	-	416.40	100.00	32.10	100	402	401.22	-	401.22
Total		3.60	33.80	10,590	4,477	42.28	99.3	54.00	3.48	33.25	10,319	4,228	40.97	90.4	51.93
Overall total		1.89%	20.82%	\$ 114,376	\$ 21,406	18.72%	\$ 461.4	23.76%	1.79%	19.78%	\$ 118,248	\$ 20,424	17.27%	\$ 430.8	21.83%

The footnote to this table is presented on page 36.

Table 15 – Details of the credit portfolio subject to the Advanced Internal Ratings-Based Approach (continued)

Used exposure

(in millions of dollars and as a percentage)

(in millions of dollars and as a percentage)				As at March 31, 2018						As at December 31, 2017						
	PD scale (%)	EAD-weighted average PD	EAD-weighted average LGD	EAD	RWA	RWA as a percentage of EAD	EL	RWA adjusted for EL, as a percentage of EAD ⁽¹⁾	EAD-weighted average PD	EAD-weighted average LGD	EAD	RWA	RWA as a percentage of EAD	EL	RWA adjusted for EL, as a percentage of EAD ⁽¹⁾	
Exposures related to residential mortgage loans																
Insured exposures																
Excellent	0.00-0.14	0.08%	10.22%	\$ 8,472	\$ 173	2.04%	\$ 0.7	2.15%	0.08%	8.38%	\$ 8,321	\$ 139	1.68%	\$ 0.6	1.76%	
	0.15-0.24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Very low	0.25-0.49	0.26	10.83	7,197	380	5.28	2.0	5.63	0.26	8.33	7,345	298	4.06	1.6	4.33	
	0.50-0.74	0.65	11.15	6,128	640	10.44	4.4	11.35	0.65	8.31	6,245	486	7.78	3.4	8.45	
Low	0.75-2.49	1.56	11.61	5,401	1,041	19.28	9.8	21.54	1.56	8.33	5,439	752	13.81	7.0	15.43	
	2.50-9.99	5.49	11.61	1,475	574	38.94	9.4	46.89	5.50	8.36	1,472	413	28.08	6.8	33.83	
Medium	10.00-99.99	27.39	11.48	349	234	66.99	11.0	106.27	27.39	8.42	376	185	49.16	8.6	77.98	
High	100.00	100.00	10.55	179	236	131.84	-	131.84	100.00	8.45	174	183	105.04	0.4	108.01	
Default																
Sub-total		1.73	10.91	29,201	3,278	11.23	37.3	12.82	1.73	8.34	29,372	2,456	8.36	28.4	9.57	
Uninsured exposures																
Excellent	0.00-0.14	0.08	11.44	22,956	525	2.29	2.1	2.40	0.08	11.17	22,263	497	2.23	2.0	2.35	
	0.15-0.24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Very low	0.25-0.49	0.26	11.88	16,965	981	5.78	5.2	6.17	0.26	11.56	16,958	955	5.63	5.1	6.01	
	0.50-0.74	0.65	12.05	11,727	1,324	11.28	9.2	12.26	0.65	11.73	11,828	1,298	10.98	9.0	11.93	
Low	0.75-2.49	1.57	12.31	9,541	1,963	20.58	18.5	23.00	1.57	11.97	9,452	1,888	19.98	17.8	22.33	
	2.50-9.99	5.38	12.34	2,563	1,049	40.94	16.9	49.18	5.41	12.12	2,539	1,025	40.36	16.6	48.51	
Medium	10.00-99.99	27.42	11.70	499	341	68.32	16.0	108.44	27.42	11.37	473	314	66.38	14.7	105.35	
High	100.00	100.00	11.16	200	280	139.51	-	139.51	100.00	10.94	183	208	113.41	10.3	183.86	
Default																
Sub-total		1.19	11.83	64,451	6,463	10.03	67.9	11.35	1.16	11.54	63,696	6,185	9.71	75.5	11.19	
Total		1.35	11.55	93,652	9,741	10.40	105.2	11.81	1.34	10.53	93,068	8,641	9.29	103.9	10.68	
Qualifying revolving retail client exposures (QRRCE)																
Excellent	0.00-0.14	0.07	76.66	2,356	74	3.16	1.2	3.78	0.07	77.10	2,480	78	3.16	1.2	3.79	
	0.15-0.24	0.19	82.28	504	42	8.42	0.8	10.37	0.19	82.28	528	44	8.42	0.8	10.37	
Very low	0.25-0.49	0.37	75.76	1,586	216	13.60	4.6	17.22	0.37	75.79	1,633	222	13.60	4.7	17.22	
	0.50-0.74	0.68	65.30	455	84	18.55	2.0	24.10	0.68	65.13	450	83	18.51	2.0	24.04	
Low	0.75-2.49	1.96	77.24	3,843	1,833	47.67	57.7	66.43	1.95	77.26	3,818	1,816	47.56	57.1	66.26	
	2.50-9.99	4.93	71.70	1,113	959	86.23	39.5	130.61	4.92	71.67	1,086	935	86.11	38.5	130.40	
Medium	10.00-99.99	19.96	61.35	1,126	1,809	160.60	137.8	313.68	19.95	61.34	1,127	1,810	160.54	138.0	313.52	
High	100.00	100.00	72.50	129	1,171	906.28	-	906.28	100.00	72.47	117	1,003	858.74	6.2	925.06	
Default																
Total		4.46	74.43	11,112	6,188	55.68	243.6	83.09	4.28	74.58	11,239	5,991	53.30	248.5	80.94	
Other retail client exposures, excluding SMEs similar to the other retail client exposures																
Excellent	0.00-0.14	0.08	26.45	829	44	5.26	0.2	5.51	0.08	25.70	809	41	5.08	0.2	5.33	
	0.15-0.24	0.19	82.28	1	-	32.18	-	34.13	0.19	82.28	1	-	32.18	-	34.13	
Very low	0.25-0.49	0.28	24.49	1,187	145	12.19	0.8	13.02	0.28	23.90	1,182	141	11.91	0.8	12.72	
	0.50-0.74	0.61	27.66	1,558	335	21.53	2.5	23.54	0.61	27.67	1,480	319	21.55	2.4	23.57	
Low	0.75-2.49	1.60	34.82	2,162	882	40.80	12.3	47.91	1.60	35.24	2,090	863	41.29	12.0	48.48	
	2.50-9.99	3.21	37.30	3,676	1,912	52.00	43.6	47.91	3.26	37.40	3,595	1,878	52.23	43.3	48.48	
Medium	10.00-99.99	24.51	30.93	331	246	74.36	25.0	168.84	24.52	30.20	344	250	72.60	25.4	164.88	
High	100.00	100.00	33.14	88	363	414.27	-	414.27	100.00	36.00	76	188	247.47	15.3	498.38	
Default																
Total		3.41	32.52	9,832	3,927	39.94	84.4	50.67	3.38	32.50	9,577	3,680	38.42	99.4	51.40	
Overall total		1.83%	19.44%	\$ 114,596	\$ 19,856	17.33%	\$ 433.2	22.05%	1.80%	18.70%	\$ 113,884	\$ 18,312	16.08%	\$ 451.8	21.04%	

The footnote to this table is presented on page 36.

Table 15 – Details of the credit portfolio subject to the Advanced Internal Ratings-Based Approach (continued)
Used exposure

(in millions of dollars and as a percentage)																
As at September 30, 2017										As at June 30, 2017						
	PD scale (%)	EAD-weighted average PD	EAD-weighted average LGD	EAD	RWA	RWA as a percentage of EAD	EL	RWA adjusted for EL, as a percentage of EAD ⁽¹⁾		EAD-weighted average PD	EAD-weighted average LGD	EAD	RWA	RWA as a percentage of EAD	EL	RWA adjusted for EL, as a percentage of EAD ⁽¹⁾
Exposures related to residential mortgage loans																
Insured exposures																
Excellent	0.00-0.14	0.07%	8.40%	\$ 7,878	\$ 119	1.51%	\$ 0.5	1.59%		0.07%	8.40%	\$ 8,265	\$ 125	1.52%	\$ 0.5	1.59%
	0.15-0.24	-	-	-	-	-	-	-		-	-	-	-	-	-	-
Very low	0.25-0.49	0.26	8.34	7,308	297	4.06	1.6	4.33		0.26	8.36	7,415	302	4.07	1.6	4.34
	0.50-0.74	0.59	8.31	6,403	466	7.28	3.1	7.89		0.59	8.33	6,327	462	7.30	3.1	7.91
Low	0.75-2.49	1.43	8.33	5,771	756	13.10	6.9	14.59		1.43	8.34	5,549	727	13.12	6.6	14.61
Medium	2.50-9.99	5.47	8.36	1,530	429	28.03	7.0	33.75		5.54	8.36	1,472	415	28.18	6.8	33.96
High	10.00-99.99	27.39	8.40	375	184	49.03	8.7	77.79		27.39	8.47	359	178	49.43	8.4	78.42
Default	100.00	100.00	8.45	183	192	104.91	0.4	107.93		100.00	8.44	213	224	104.88	0.4	107.08
Sub-total		1.75	8.35	29,448	2,443	8.30	28.2	9.49		1.81	8.36	29,600	2,433	8.22	27.4	9.38
Uninsured exposures																
Excellent	0.00-0.14	0.07	10.83	21,139	413	1.95	1.6	2.05		0.07	10.73	21,467	415	1.93	1.6	2.03
	0.15-0.24	-	-	-	-	-	-	-		-	-	-	-	-	-	-
Very low	0.25-0.49	0.26	11.10	16,708	903	5.41	4.8	5.77		0.26	10.95	16,306	869	5.33	4.6	5.69
	0.50-0.74	0.59	11.25	11,835	1,165	9.84	7.9	10.67		0.59	11.06	11,280	1,092	9.68	7.4	10.50
Low	0.75-2.49	1.44	11.45	9,522	1,721	18.08	15.7	20.15		1.44	11.24	8,976	1,594	17.74	14.5	19.76
Medium	2.50-9.99	5.45	11.74	2,503	982	39.23	15.8	47.19		5.41	11.42	2,354	896	38.07	14.5	45.78
High	10.00-99.99	27.42	11.18	459	300	65.26	14.1	103.57		27.42	10.75	413	259	62.76	12.2	99.60
Default	100.00	100.00	10.75	192	219	114.09	9.5	175.73		100.00	10.76	192	220	114.45	9.3	175.13
Sub-total		1.15	11.11	62,358	5,703	9.15	69.4	10.54		1.13	10.95	60,988	5,345	8.76	64.1	10.08
Total		1.34	10.23	91,806	8,146	8.87	97.6	10.20		1.35	10.11	90,588	7,778	8.59	91.5	9.85
Qualifying revolving retail client exposures (QRRCE)																
Excellent	0.00-0.14	0.07	77.60	2,871	98	3.43	1.6	4.12		0.07	77.71	2,891	98	3.40	1.6	4.08
	0.15-0.24	-	-	-	-	-	-	-		-	-	-	-	-	-	-
Very low	0.25-0.49	0.33	75.57	1,609	196	12.20	4.1	15.35		0.33	75.72	1,565	192	12.25	4.0	15.41
	0.50-0.74	0.68	65.06	458	85	18.48	2.0	24.01		0.68	64.82	448	83	18.42	2.0	23.93
Low	0.75-2.49	1.70	77.23	3,701	1,584	42.81	48.0	59.02		1.70	77.23	3,620	1,548	42.77	46.9	58.96
Medium	2.50-9.99	4.38	71.67	1,081	861	79.63	34.0	118.96		4.37	71.60	1,060	842	79.46	33.3	118.68
High	10.00-99.99	17.48	59.63	1,102	1,626	147.53	115.0	277.95		17.46	59.63	1,056	1,556	147.46	109.9	277.73
Default	100.00	100.00	59.67	112	781	698.73	5.9	764.75		100.00	59.97	113	790	697.98	6.6	770.64
Total		3.89	74.07	10,934	5,231	47.84	210.6	71.92		3.86	74.16	10,753	5,109	47.52	204.3	71.26
Other retail client exposures, excluding SMEs similar to the other retail client exposures																
Excellent	0.00-0.14	0.08	28.92	994	56	5.66	0.2	5.93		0.08	29.10	1,016	58	5.73	0.2	6.01
	0.15-0.24	-	-	-	-	-	-	-		-	-	-	-	-	-	-
Very low	0.25-0.49	0.28	28.12	1,470	207	14.05	1.1	15.01		0.28	28.02	1,433	201	14.00	1.1	14.96
	0.50-0.74	0.64	29.63	1,651	397	24.06	3.1	26.37		0.64	28.74	1,575	368	23.37	2.8	25.62
Low	0.75-2.49	1.61	34.84	1,859	785	42.24	10.7	49.42		1.61	33.94	1,757	723	41.14	9.8	48.14
Medium	2.50-9.99	3.39	36.73	2,840	1,459	51.38	34.9	49.42		3.34	36.21	2,679	1,356	50.58	32.1	48.14
High	10.00-99.99	22.78	29.59	328	225	68.43	21.5	150.10		22.81	29.12	305	205	67.36	19.6	147.75
Default	100.00	100.00	35.82	74	186	250.09	14.8	499.22		100.00	34.83	75	172	228.74	15.4	483.68
Total		3.15	32.60	9,216	3,315	35.97	86.3	47.67		3.14	32.03	8,840	3,083	34.87	81.0	46.33
Overall total		1.74%	18.31%	\$ 111,956	\$ 16,692	14.91%	\$ 394.5	19.32%		1.74%	18.12%	\$ 110,181	\$ 15,970	14.49%	\$ 376.8	18.77%

The footnote to this table is presented on page 36.

Table 15 – Details of the credit portfolio subject to the Advanced Internal Ratings-Based Approach (continued)
Used exposure

(in millions of dollars and as a percentage)				As at March 31, 2017					
		PD scale (%)	EAD-weighted average PD	EAD-weighted average LGD	EAD	RWA	RWA as a percentage of EAD	EL	RWA adjusted for EL, as a percentage of EAD ⁽¹⁾
Exposures related to residential mortgage loans									
Insured exposures									
	Excellent	0.00-0.14	0.07%	8.44%	\$ 7,833	\$ 119	1.52%	\$ 0.5	1.60%
		0.15-0.24	-	-	-	-	-	-	-
	Very low	0.25-0.49	0.26	8.39	6,957	284	4.09	1.5	4.36
		0.50-0.74	0.59	8.40	6,045	444	7.35	3.0	7.97
	Low	0.75-2.49	1.44	8.37	5,477	725	13.20	6.6	14.71
	Medium	2.50-9.99	5.50	8.41	1,503	424	28.25	6.9	34.02
	High	10.00-99.99	27.39	8.48	417	206	49.49	9.7	78.51
	Default	100.00	100.00	8.63	236	253	107.02	0.7	110.84
Sub-total			2.01	8.41	28,468	2,455	8.62	28.9	9.89
Uninsured exposures									
	Excellent	0.00-0.14	0.07	10.91	21,209	417	1.97	1.6	2.06
		0.15-0.24	-	-	-	-	-	-	-
	Very low	0.25-0.49	0.26	11.14	15,905	863	5.43	4.6	5.79
		0.50-0.74	0.59	11.24	11,004	1,082	9.84	7.3	10.66
	Low	0.75-2.49	1.45	11.35	8,835	1,588	17.97	14.5	20.02
	Medium	2.50-9.99	5.38	11.41	2,337	886	37.91	14.3	45.55
	High	10.00-99.99	27.42	11.19	494	322	65.32	15.2	103.66
	Default	100.00	100.00	10.88	196	224	114.16	11.1	185.14
Sub-total			1.18	11.12	59,980	5,382	8.97	68.6	10.40
Total			1.44	10.25	88,448	7,837	8.86	97.5	10.24
Qualifying revolving retail client exposures (QRRCE)									
	Excellent	0.00-0.14	0.07	76.78	2,642	89	3.37	1.4	4.05
		0.15-0.24	-	-	-	-	-	-	-
	Very low	0.25-0.49	0.33	75.44	1,488	181	12.16	3.7	15.30
		0.50-0.74	0.68	64.88	454	84	18.43	2.0	23.95
	Low	0.75-2.49	1.70	77.15	3,553	1,522	42.85	46.1	59.09
	Medium	2.50-9.99	4.37	71.62	1,067	848	79.48	33.5	118.70
	High	10.00-99.99	17.49	59.66	1,122	1,656	147.64	117.3	278.24
	Default	100.00	100.00	59.94	125	869	696.55	7.4	770.78
Total			4.19	73.63	10,451	5,249	50.23	211.4	75.52
Other retail client exposures, excluding SMEs similar to the other retail client exposures									
	Excellent	0.00-0.14	0.08	28.35	971	54	5.55	0.2	5.81
		0.15-0.24	-	-	-	-	-	-	-
	Very low	0.25-0.49	0.28	26.78	1,378	184	13.38	1.0	14.30
		0.50-0.74	0.65	27.29	1,547	344	22.22	2.7	24.36
	Low	0.75-2.49	1.60	33.20	1,705	686	40.25	9.3	47.10
	Medium	2.50-9.99	3.29	35.93	2,538	1,270	50.09	29.7	47.10
	High	10.00-99.99	22.87	28.87	320	214	66.84	20.4	146.76
	Default	100.00	100.00	34.11	81	166	204.95	17.8	480.74
Total			3.27	31.20	8,540	2,918	34.18	81.1	46.05
Overall total			1.86%	18.08%	\$ 107,439	\$ 16,004	14.90%	\$ 390.0	19.44%

The footnote to this table is presented on page 36.

Table 15 – Details of the credit portfolio subject to the Advanced Internal Ratings-Based Approach (continued)

Unused exposure and off-balance sheet exposure

(in millions of dollars and as a percentage)

(in millions of dollars and as a percentage)		As at March 31, 2019										As at December 31, 2018									
PD scale (%)		EAD-weighted average PD	EAD-weighted average LGD	Notional amount of unused commitments	EAD	EAD as a percentage of notional amount	RWA	RWA as a percentage of EAD	EL	RWA adjusted for EL, as a percentage of EAD ⁽¹⁾	EAD-weighted average PD	EAD-weighted average LGD	Notional amount of unused commitments	EAD	EAD as a percentage of notional amount	RWA	RWA as a percentage of EAD	EL	RWA adjusted for EL, as a percentage of EAD ⁽¹⁾		
Exposures related to residential mortgage loans																					
Insured exposures																					
Excellent	0.00 - 0.14	0.08%	15.45%	\$ 9	\$ 4	50.00%	\$ -	3.09%	\$ -	3.24%	0.08%	13.76%	\$ 9	\$ 4	50.00%	\$ -	2.76%	\$ 0.1	2.90%		
	0.15 - 0.24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Very low	0.25 - 0.49	0.26	15.85	22	11	50.00	1	7.72	-	8.24	0.26	15.37	21	11	50.00	1	7.49	-	7.99		
	0.50 - 0.74	0.65	15.71	22	11	50.00	2	14.71	-	15.98	0.65	15.54	22	11	50.00	2	14.54	-	15.80		
Low	0.75 - 2.49	1.56	15.85	24	14	50.00	3	26.30	-	29.38	1.63	16.08	23	12	50.00	3	27.58	-	30.88		
	2.50 - 9.99	5.83	16.63	7	3	50.00	2	57.64	0.1	69.82	5.29	16.88	6	3	50.00	2	55.17	-	66.10		
Medium	10.00 - 99.99	27.42	13.75	1	-	50.00	-	80.26	-	127.38	27.42	14.74	1	-	50.00	-	86.07	-	136.60		
High	100.00	100.00	14.88	-	-	50.00	-	185.94	-	185.94	100.00	12.54	-	-	50.00	-	156.72	-	156.72		
Default																					
Sub-total		1.49	15.82	85	43	50.00	8	19.26	0.1	22.03	1.60	15.53	82	41	50.00	8	19.09	0.1	21.70		
Uninsured exposures																					
Excellent	0.00 - 0.14	0.08	11.57	10,453	5,727	54.79	132	2.31	0.6	2.43	0.08	11.44	10,009	5,475	54.70	125	2.29	0.5	2.40		
	0.15 - 0.24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Very low	0.25 - 0.49	0.26	11.91	5,874	3,488	59.40	202	5.80	1.1	6.19	0.26	11.70	5,793	3,436	59.35	196	5.70	1.0	6.08		
	0.50 - 0.74	0.65	12.29	2,925	1,685	57.61	194	11.50	1.3	12.50	0.65	12.15	2,916	1,676	57.46	190	11.37	1.3	12.36		
Low	0.75 - 2.49	1.57	13.22	1,693	930	54.90	205	22.04	1.9	24.63	1.56	12.94	1,674	918	54.81	198	21.55	1.9	24.08		
	2.50 - 9.99	4.86	14.15	310	161	51.93	73	45.27	1.1	54.00	4.78	13.86	323	171	52.89	76	44.09	1.2	52.52		
Medium	10.00 - 99.99	27.42	15.36	48	20	41.28	18	89.68	0.8	142.34	27.42	14.72	44	18	40.64	15	85.92	0.7	136.36		
High	100.00	100.00	15.61	30	-	1.05	1	195.07	-	195.07	100.00	12.64	33	-	0.68	-	158.00	-	158.00		
Default																					
Sub-total		0.44	11.94	21,333	12,011	56.31	825	6.87	6.8	7.58	0.44	11.78	20,792	11,694	56.25	800	6.84	6.6	7.55		
Total		0.44	11.95	21,418	12,054	56.28	833	6.91	6.9	7.63	0.45	11.79	20,874	11,735	56.22	808	6.89	6.7	7.60		
Qualifying revolving retail client exposures (QRRCE)																					
Excellent	0.00 - 0.14	0.06	85.13	18,928	12,694	67.06	390	3.07	6.0	3.67	0.06	85.09	18,612	12,480	67.05	383	3.07	5.9	3.66		
	0.15 - 0.24	0.19	79.60	13,320	8,590	64.49	700	8.14	13.0	10.03	0.19	79.54	13,361	8,617	64.49	701	8.14	13.0	10.03		
Very low	0.25 - 0.49	0.39	86.20	4,163	2,692	64.68	428	15.88	9.2	20.13	0.39	86.14	4,062	2,626	64.65	416	15.83	8.9	20.06		
	0.50 - 0.74	0.68	81.78	431	254	58.96	59	23.24	1.4	30.19	0.68	81.75	437	257	58.73	60	23.23	1.3	30.18		
Low	0.75 - 2.49	1.69	84.09	5,690	3,065	53.87	1,405	45.83	42.7	63.25	1.70	84.06	5,628	3,029	53.82	1,390	45.93	42.4	63.40		
	2.50 - 9.99	4.79	80.47	735	227	30.93	215	94.36	8.8	142.49	4.77	80.38	710	222	31.20	208	93.94	8.5	141.80		
Medium	10.00 - 99.99	20.34	67.72	571	70	12.33	126	178.69	9.7	351.69	20.26	67.51	562	68	12.16	122	177.87	9.5	349.58		
High	100.00	-	-	17	-	-	-	-	-	-	-	-	18	-	-	-	-	-	-		
Default																					
Total		0.41	83.28	43,855	27,592	62.92	3,323	12.04	90.8	16.15	0.41	83.21	43,390	27,299	62.91	3,280	12.01	89.5	16.11		
Other retail client exposures, excluding SMEs similar to the other retail client exposures																					
Excellent	0.00 - 0.14	0.07	51.34	463	326	70.51	29	8.92	0.1	9.34	0.07	50.75	443	308	69.45	28	8.95	0.1	9.37		
	0.15 - 0.24	0.19	84.20	3	2	64.19	1	32.93	-	34.93	0.19	83.94	4	2	64.21	1	32.83	-	34.82		
Very low	0.25 - 0.49	0.28	52.80	158	107	67.65	29	26.89	0.2	28.75	0.28	53.20	160	109	68.26	30	27.06	0.2	28.94		
	0.50 - 0.74	0.68	61.68	67	37	55.64	20	52.33	0.2	57.57	0.68	57.26	69	40	58.48	20	48.58	0.2	53.45		
Low	0.75 - 2.49	1.34	59.54	27	16	58.01	11	67.78	0.1	77.74	1.36	61.21	26	15	57.47	11	69.85	0.1	80.21		
	2.50 - 9.99	3.43	54.99	18	10	56.74	8	77.09	0.2	77.74	3.30	48.60	16	9	54.59	4	68.00	0.1	80.21		
Medium	10.00 - 99.99	24.87	55.97	3	2	61.15	2	135.37	0.2	309.34	24.88	54.63	4	3	62.43	3	132.14	0.3	302.00		
High	100.00	100.00	-	1	-	0.02	-	-	-	-	100.00	24.01	1	-	0.03	-	300.10	-	300.10		
Default																					
Total		0.34	52.89	740	500	67.62	100	19.70	1.0	22.12	0.38	52.30	723	486	67.23	97	20.00	1.0	22.59		
Overall total		0.42%	61.49%	\$ 66,013	\$40,146	60.82%	\$ 4,256	10.59%	\$ 98.7	13.67%	0.42%	61.62%	\$ 64,987	\$39,520	60.81%	\$ 4,185	10.59%	\$ 97.2	13.66%		

The footnote to this table is presented on page 36.

Table 15 – Details of the credit portfolio subject to the Advanced Internal Ratings-Based Approach (continued)

Unused exposure and off-balance sheet exposure

(in millions of dollars and as a percentage)

As at September 30, 2018										As at June 30, 2018									
	PD scale (%)	EAD-weighted average PD	EAD-weighted average LGD	Notional amount of unused commitments	EAD	EAD as a percentage of notional amount	RWA	RWA as a percentage of EAD	EL	RWA adjusted for EL, as a percentage of EAD ⁽¹⁾	EAD-weighted average PD	EAD-weighted average LGD	Notional amount of unused commitments	EAD	EAD as a percentage of notional amount	RWA	RWA as a percentage of EAD	EL	RWA adjusted for EL, as a percentage of EAD ⁽¹⁾
Exposures related to residential mortgage loans																			
Insured exposures																			
Excellent	0.00 - 0.14	0.08%	13.03%	\$ 9	\$ 4	50.00%	\$ -	2.61%	\$ 0.1	2.74%	0.08%	12.46%	\$ 10	\$ 5	50.00%	\$ -	2.49%	\$ -	2.62%
	0.15 - 0.24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Very low	0.25 - 0.49	0.26	14.95	28	14	50.00	1	7.29	-	7.77	0.26	13.68	31	16	50.00	1	6.66	-	7.11
	0.50 - 0.74	0.65	15.31	29	15	50.00	3	14.33	-	15.58	0.65	14.50	31	15	50.00	3	13.57	0.1	14.75
Low	0.75 - 2.49	1.60	16.13	28	14	50.00	4	27.12	-	30.32	1.59	14.78	28	14	50.00	4	24.88	-	27.82
Medium	2.50 - 9.99	5.52	16.13	7	4	50.00	2	54.08	-	65.11	5.20	14.32	6	3	50.00	1	46.73	-	55.97
High	10.00 - 99.99	27.42	13.03	1	-	50.00	-	76.07	-	120.73	27.42	12.94	1	-	50.00	-	75.55	-	119.90
Default	100.00	100.00	11.40	-	-	50.00	-	142.50	-	142.50	100.00	9.79	-	-	50.00	-	122.41	-	122.41
Sub-total		1.55	15.27	102	51	50.00	10	18.47	0.1	20.90	1.43	14.10	107	53	50.00	9	16.04	0.1	18.13
Uninsured exposures																			
Excellent	0.00 - 0.14	0.08	11.36	9,532	5,230	54.86	119	2.27	0.5	2.39	0.08	12.06	9,459	6,672	70.54	161	2.41	0.6	2.53
	0.15 - 0.24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Very low	0.25 - 0.49	0.26	11.67	5,767	3,416	59.23	194	5.69	1.0	6.07	0.26	12.96	5,619	3,745	66.64	236	6.31	1.3	6.73
	0.50 - 0.74	0.65	12.05	2,929	1,687	57.61	190	11.28	1.3	12.26	0.65	14.23	2,826	1,817	64.29	242	13.32	1.7	14.47
Low	0.75 - 2.49	1.56	12.88	1,679	914	54.45	196	21.42	1.8	23.94	1.55	15.66	1,610	1,004	62.32	260	25.93	2.4	28.96
Medium	2.50 - 9.99	4.85	13.73	324	172	53.15	76	43.93	1.2	52.40	5.08	17.74	301	185	61.48	107	57.97	1.7	69.44
High	10.00 - 99.99	27.42	14.32	45	19	42.94	16	83.63	0.8	132.72	27.42	19.24	41	27	65.37	30	112.34	1.4	178.29
Default	100.00	100.00	12.11	35	-	0.59	-	151.38	-	151.38	100.00	11.23	33	-	0.89	-	140.36	-	140.36
Sub-total		0.46	11.72	20,311	11,438	56.32	791	6.92	6.6	7.64	0.44	12.96	19,889	13,450	67.62	1,036	7.71	9.1	8.56
Total		0.46	11.74	20,413	11,489	56.29	801	6.97	6.7	7.70	0.45	12.97	19,996	13,503	67.53	1,045	7.74	9.2	8.59
Qualifying revolving retail client exposures (QRRCE)																			
Excellent	0.00 - 0.14	0.06	80.16	18,212	12,211	67.04	356	2.92	5.5	3.48	0.06	80.09	18,134	12,163	67.07	353	2.90	5.4	7.97
	0.15 - 0.24	0.16	78.52	12,918	8,331	64.49	575	6.90	10.3	8.46	0.16	78.55	12,499	8,060	64.48	557	6.91	10.0	30.86
Very low	0.25 - 0.49	0.39	77.89	4,167	2,692	64.61	388	14.41	8.3	18.27	0.39	77.98	4,112	2,656	64.58	384	14.47	8.2	24.82
	0.50 - 0.74	0.68	66.20	448	263	58.87	50	18.81	1.2	24.44	0.68	66.15	431	253	58.81	48	18.79	1.1	49.77
Low	0.75 - 2.49	1.69	78.75	5,694	3,066	53.85	1,320	43.06	40.2	59.46	1.69	78.76	5,561	2,998	53.91	1,287	42.94	39.3	71.42
Medium	2.50 - 9.99	4.76	71.59	712	223	31.28	187	84.08	7.6	126.99	4.77	71.55	668	209	31.26	176	84.10	7.2	127.04
High	10.00 - 99.99	20.27	61.58	536	65	12.19	106	162.09	8.3	318.28	20.28	61.49	478	58	12.21	94	161.87	7.3	214.69
Default	100.00	-	-	15	-	-	-	-	-	-	100.00	-	12	-	-	-	-	-	-
Total		0.40	79.01	42,702	26,851	62.88	2,982	11.11	81.4	14.90	0.39	79.01	41,895	26,397	63.01	2,899	10.98	78.5	14.70
Other retail client exposures, excluding SMEs similar to the other retail client exposures																			
Excellent	0.00 - 0.14	0.07	43.52	433	300	69.51	23	7.71	0.1	8.08	0.07	43.19	411	286	69.66	22	7.61	0.1	7.97
	0.15 - 0.24	0.17	80.00	3	2	64.28	1	29.05	-	30.76	0.17	80.07	2	2	64.27	-	29.14	-	30.86
Very low	0.25 - 0.49	0.28	45.43	151	103	68.65	24	23.14	0.1	24.74	0.28	45.42	148	101	68.28	25	23.20	0.1	24.82
	0.50 - 0.74	0.68	51.58	67	37	54.97	16	43.76	0.1	48.15	0.68	53.31	65	36	55.62	16	45.23	0.1	49.77
Low	0.75 - 2.49	1.34	51.63	27	15	55.37	9	58.75	0.1	67.38	1.34	54.64	32	18	55.89	11	62.26	0.2	71.42
Medium	2.50 - 9.99	3.23	38.42	20	12	57.84	6	53.73	0.2	67.38	3.21	40.12	20	11	55.33	6	56.02	0.1	72.77
High	10.00 - 99.99	24.87	43.99	3	2	65.64	2	106.36	0.2	243.01	24.86	38.88	2	1	60.02	1	93.99	0.2	214.69
Default	100.00	100.00	24.32	-	-	0.06	-	304.05	-	304.05	100.00	49.35	1	-	0.02	-	616.88	-	616.88
Total		0.37	44.85	704	471	66.98	81	17.10	0.8	19.19	0.16	78.55	681	455	64.48	81	6.91	0.8	8.47
Overall total		0.42%	58.68%	\$ 63,819	\$ 38,811	60.82%	\$ 3,864	9.96%	\$ 88.9	12.82%	0.41%	56.53%	\$ 62,572	\$ 40,355	64.49%	\$ 4,025	9.98%	\$ 88.5	12.72%

The footnote to this table is presented on page 36.

Table 15 – Details of the credit portfolio subject to the Advanced Internal Ratings-Based Approach (continued)

Unused exposure and off-balance sheet exposure

(in millions of dollars and as a percentage)

(in millions of dollars and as a percentage)				As at March 31, 2018								As at December 31, 2017							
	PD scale (%)	EAD-weighted average PD	EAD-weighted average LGD	Notional amount of unused commitments	EAD	EAD as a percentage of notional amount	RWA as a percentage of EAD	EL	RWA adjusted for EL, as a percentage of EAD ⁽¹⁾	EAD-weighted average PD	EAD-weighted average LGD	Notional amount of unused commitments	EAD	EAD as a percentage of notional amount	RWA	RWA as a percentage of EAD	EL	RWA adjusted for EL, as a percentage of EAD ⁽¹⁾	
Exposures related to residential mortgage loans																			
Insured exposures																			
Excellent	0.00 - 0.14	0.08%	12.28%	\$ 9	\$ 4	50.00%	\$ -	2.46%	\$ -	2.58%	0.08%	8.18%	\$ 8	\$ 4	50.00%	\$ -	1.64%	\$ -	1.72%
Very low	0.15 - 0.24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	0.25 - 0.49	0.26	13.63	22	11	50.00	1	6.64	-	7.08	0.26	8.17	20	10	50.00	1	3.98	-	4.25
Low	0.50 - 0.74	0.65	14.13	20	10	50.00	1	13.23	-	14.38	0.65	8.18	23	12	50.00	1	7.66	-	8.32
	0.75 - 2.49	1.59	14.32	23	12	50.00	3	23.99	-	26.82	1.55	8.16	23	11	50.00	1	13.50	-	15.07
Medium	2.50 - 9.99	5.17	14.12	5	3	50.00	1	45.35	-	54.15	5.02	8.16	5	3	50.00	1	26.31	-	31.43
High	10.00 - 99.99	27.42	13.48	1	-	50.00	-	78.71	-	124.92	27.42	8.14	1	-	50.00	-	47.54	-	75.45
Default	100.00	100.00	9.51	-	-	50.00	-	118.86	-	118.86	100.00	8.15	-	-	50.00	-	101.90	-	101.90
Sub-total		1.57	13.82	80	40	50.00	6	16.32	-	18.48	1.64	8.17	80	40	50.00	4	9.73	-	11.12
Uninsured exposures																			
Excellent	0.00 - 0.14	0.08	12.02	9,270	6,518	70.32	157	2.40	0.6	2.52	0.08	11.97	8,831	6,187	70.07	148	2.39	0.6	2.51
Very low	0.15 - 0.24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	0.25 - 0.49	0.26	12.95	5,388	3,564	66.16	225	6.31	1.2	6.73	0.26	12.84	5,308	3,501	65.95	219	6.25	1.2	6.67
Low	0.50 - 0.74	0.65	14.26	2,696	1,724	63.97	230	13.35	1.6	14.51	0.65	14.12	2,714	1,728	63.68	228	13.21	1.6	14.36
	0.75 - 2.49	1.55	15.77	1,578	981	62.19	257	26.16	2.4	29.23	1.55	15.66	1,550	955	61.61	248	25.96	2.2	29.01
Medium	2.50 - 9.99	5.10	17.68	296	181	61.07	105	57.91	1.7	69.40	5.07	17.77	278	169	61.03	99	58.27	1.5	69.84
High	10.00 - 99.99	27.42	18.81	46	31	66.56	33	109.81	1.6	174.27	27.42	18.74	48	33	67.68	36	109.42	1.7	173.65
Default	100.00	100.00	12.26	32	-	1.09	1	153.30	-	153.30	100.00	10.87	29	-	0.93	-	135.82	-	135.82
Sub-total		0.45	12.95	19,306	12,999	67.34	1,008	7.75	9.1	8.62	0.46	12.88	18,758	12,573	67.04	978	7.78	8.8	8.66
Total		0.46	12.95	19,386	13,039	67.27	1,014	7.77	9.1	8.65	0.46	12.87	18,838	12,613	66.96	982	7.78	8.8	8.67
Qualifying revolving retail client exposures (QRRCE)																			
Excellent	0.00 - 0.14	0.06	79.95	17,607	11,815	67.11	344	2.91	5.3	7.89	0.06	79.94	17,363	11,644	67.06	337	2.89	5.2	7.86
Very low	0.15 - 0.24	0.16	78.53	12,728	8,208	64.49	567	6.91	10.2	33.80	0.16	78.46	13,178	8,499	64.50	585	6.88	10.5	31.87
	0.25 - 0.49	0.39	78.08	4,121	2,660	64.54	386	14.51	8.3	23.65	0.39	77.84	4,009	2,586	64.50	373	14.42	8.0	24.15
Low	0.50 - 0.74	0.68	66.26	433	253	58.50	48	18.82	1.1	50.08	0.68	66.01	443	259	58.38	49	18.75	1.2	49.03
	0.75 - 2.49	1.69	78.73	5,561	2,996	53.87	1,287	42.98	39.2	72.66	1.70	78.67	5,316	2,859	53.79	1,232	43.10	37.5	69.42
Medium	2.50 - 9.99	4.76	71.47	661	207	31.28	173	83.90	7.1	126.70	4.75	71.40	643	203	31.49	169	83.69	6.9	126.37
High	10.00 - 99.99	20.34	61.57	484	60	12.32	97	162.26	7.5	215.51	20.36	61.61	484	60	12.37	97	162.43	7.5	206.84
Default	100.00	100.00	-	12	-	-	-	-	-	-	100.00	-	11	-	-	-	-	-	-
Total		0.40	78.93	41,607	26,199	62.97	2,902	11.08	78.7	14.83	0.39	78.86	41,447	26,110	63.00	2,842	10.89	76.8	14.56
Other retail client exposures, excluding SMEs similar to the other retail client exposures																			
Excellent	0.00 - 0.14	0.07	43.23	398	273	68.98	21	7.53	0.1	7.89	0.07	42.62	385	267	69.24	20	7.51	0.1	7.86
Very low	0.15 - 0.24	0.19	82.06	17	11	63.98	3	31.87	-	33.80	0.18	80.75	3	2	64.17	1	30.08	-	31.87
	0.25 - 0.49	0.28	43.57	154	107	69.37	24	22.12	0.1	23.65	0.28	44.36	131	82	62.13	18	22.59	0.1	24.15
Low	0.50 - 0.74	0.68	53.65	69	38	55.11	17	45.52	0.1	50.08	0.68	52.53	65	36	55.24	16	44.56	0.1	49.03
	0.75 - 2.49	1.34	55.79	26	15	56.55	9	63.37	0.1	72.66	1.35	53.03	32	18	57.44	11	60.51	0.1	69.42
Medium	2.50 - 9.99	3.15	44.86	14	8	53.57	5	62.31	0.1	80.03	4.24	42.38	19	10	55.33	6	60.54	0.2	82.48
High	10.00 - 99.99	24.91	38.95	3	2	59.00	2	94.26	0.3	215.51	24.91	37.38	2	1	59.46	1	90.46	0.1	206.84
Default	100.00	100.00	0.41	1	-	-	-	5.12	-	5.12	100.00	26.99	1	-	0.01	-	337.35	-	337.35
Total		0.37	45.54	682	454	66.62	81	17.88	0.8	20.02	0.40	44.45	638	416	65.25	73	17.64	0.7	19.87
Overall total		0.42%	56.88%	\$ 61,675	\$ 39,692	64.36%	\$ 3,997	10.07%	\$ 88.6	12.86%	0.41%	57.23%	\$ 60,923	\$ 39,139	64.25%	\$ 3,897	9.96%	\$ 86.3	12.72%

The footnote to this table is presented on page 36.

Table 15 – Details of the credit portfolio subject to the Advanced Internal Ratings-Based Approach (continued)

Unused exposure and off-balance sheet exposure

(in millions of dollars and as a percentage)

	As at September 30, 2017										As at June 30, 2017									
	PD scale (%)	EAD-weighted average PD	EAD-weighted average LGD	Notional amount of unused commitments	EAD	EAD as a percentage of notional amount	RWA as a percentage of EAD	EL	RWA adjusted for EL, as a percentage of EAD ⁽¹⁾	EAD-weighted average PD	EAD-weighted average LGD	Notional amount of unused commitments	EAD	EAD as a percentage of notional amount	RWA as a percentage of EAD	EL	RWA adjusted for EL, as a percentage of EAD ⁽¹⁾			
Exposures related to residential mortgage loans																				
Insured exposures																				
Excellent	0.00 - 0.14	0.07%	8.20%	\$ 8	\$ 4	50.00%	\$ -	1.48%	\$ -	1.55%	0.07%	8.20%	\$ 11	\$ 5	50.00%	\$ -	1.48%	\$ -	1.55%	
Very low	0.15 - 0.24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	0.25 - 0.49	0.26	8.18	30	14	50.00	1	3.98	-	4.25	0.26	8.19	33	16	50.00	1	3.99	-	4.26	
Low	0.50 - 0.74	0.59	8.17	28	14	50.00	1	7.15	0.1	7.76	0.59	8.17	33	17	50.00	1	7.15	0.1	7.75	
	0.75 - 2.49	1.43	8.16	27	14	50.00	2	12.80	-	14.26	1.46	8.17	28	14	50.00	2	13.01	-	14.50	
Medium	2.50 - 9.99	5.36	8.16	8	4	50.00	1	27.10	-	32.57	5.26	8.18	7	4	50.00	1	26.95	-	32.33	
High	10.00 - 99.99	27.42	8.15	1	1	50.00	-	47.60	-	75.55	27.42	8.41	2	1	50.00	-	49.10	-	77.92	
Default	100.00	100.00	8.14	-	-	50.00	-	101.75	-	101.75	100.00	8.33	-	-	50.00	-	104.14	-	104.14	
Sub-total		1.51	8.17	102	51	50.00	5	9.46	0.1	10.85	1.55	8.18	114	57	50.00	5	9.20	0.1	10.56	
Uninsured exposures																				
Excellent	0.00 - 0.14	0.07	11.12	8,350	4,308	51.60	86	2.00	0.3	2.10	0.07	11.09	8,327	4,290	51.53	86	2.00	0.3	2.10	
Very low	0.15 - 0.24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	0.25 - 0.49	0.26	11.31	5,280	2,750	52.07	151	5.51	0.8	5.88	0.26	11.26	5,120	2,660	51.93	146	5.48	0.8	5.85	
Low	0.50 - 0.74	0.59	11.63	2,722	1,332	48.93	137	10.18	0.9	11.04	0.59	11.61	2,612	1,275	48.83	130	10.16	0.9	11.02	
	0.75 - 2.49	1.43	12.39	1,568	711	45.38	139	19.45	1.3	21.67	1.43	12.15	1,494	682	45.66	130	19.11	1.1	21.28	
Medium	2.50 - 9.99	4.92	13.56	285	122	42.95	53	43.57	0.8	52.02	4.89	13.53	268	115	42.91	50	43.52	0.8	51.97	
High	10.00 - 99.99	27.42	15.33	41	15	36.54	13	89.51	0.6	142.06	27.42	13.49	38	14	37.61	11	78.73	0.5	124.95	
Default	100.00	100.00	10.10	25	-	1.03	-	126.20	-	126.20	100.00	10.03	22	-	1.25	-	125.33	-	125.33	
Sub-total		0.42	11.39	18,271	9,238	50.57	579	6.26	4.7	6.91	0.41	11.33	17,881	9,036	50.54	553	6.12	4.4	6.74	
Total		0.42	11.37	18,373	9,289	50.56	584	6.28	4.8	6.93	0.42	11.31	17,995	9,093	50.54	558	6.14	4.5	6.76	
Qualifying revolving retail client exposures (QRRCE)																				
Excellent	0.00 - 0.14	0.08	79.42	29,865	19,452	65.13	716	3.68	11.6	7.79	0.08	79.34	29,351	19,128	65.17	701	3.67	11.4	7.78	
Very low	0.15 - 0.24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	0.25 - 0.49	0.34	77.98	4,107	2,605	63.44	335	12.87	7.0	24.77	0.34	78.14	4,044	2,567	63.54	332	12.92	6.9	23.40	
Low	0.50 - 0.74	0.68	65.79	450	248	55.08	46	18.69	1.1	50.12	0.68	65.71	433	238	55.08	45	18.67	1.1	49.22	
	0.75 - 2.49	1.45	78.76	5,248	2,825	53.84	1,083	38.32	31.7	70.30	1.44	78.81	5,098	2,752	54.00	1,049	38.06	30.6	66.91	
Medium	2.50 - 9.99	4.25	71.61	628	193	30.75	151	78.03	5.9	116.29	4.26	71.61	603	186	30.65	144	78.10	5.7	116.39	
High	10.00 - 99.99	18.08	60.04	428	53	12.31	79	150.44	5.7	266.43	18.13	60.25	400	50	12.37	75	151.18	5.5	252.51	
Default	100.00	100.00	-	9	-	-	-	-	-	-	100.00	-	7	-	-	-	-	-	-	
Total		0.33	78.97	40,735	25,376	62.30	2,410	9.50	63.0	12.60	0.33	78.94	39,936	24,921	62.40	2,346	9.41	61.2	12.48	
Other retail client exposures, excluding SMEs similar to the other retail client exposures																				
Excellent	0.00 - 0.14	0.07	41.94	362	236	64.94	17	7.44	0.1	7.79	0.07	42.38	363	237	65.05	17	7.43	0.1	7.78	
Very low	0.15 - 0.24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	0.25 - 0.49	0.28	45.66	130	80	61.16	19	23.16	0.1	24.77	0.28	43.12	119	72	61.33	16	21.88	0.1	23.40	
Low	0.50 - 0.74	0.68	53.70	62	33	53.66	15	45.56	0.1	50.12	0.68	52.73	64	34	53.39	15	44.74	0.1	49.22	
	0.75 - 2.49	1.34	53.93	30	16	54.76	10	61.28	0.1	70.30	1.33	51.71	33	18	52.13	12	58.40	0.1	66.91	
Medium	2.50 - 9.99	3.23	39.57	18	9	52.03	5	55.30	0.1	72.00	2.88	51.37	14	7	51.02	4	70.64	0.1	88.75	
High	10.00 - 99.99	24.91	48.14	4	2	49.93	2	116.52	0.2	266.43	24.91	45.63	5	2	50.52	3	110.44	0.3	252.51	
Default	100.00	100.00	0.37	-	-	-	-	4.63	-	4.63	100.00	72.87	-	-	0.05	-	804.47	-	938.90	
Total		0.42	44.26	606	376	61.96	68	18.20	0.7	20.67	0.45	44.11	598	370	61.94	67	18.17	0.8	20.80	
Overall total		0.36%	60.67%	\$ 59,714	\$ 35,041	58.68%	\$ 3,062	8.74%	\$ 68.5	11.19%	0.35%	60.68%	\$ 58,529	\$ 34,384	58.75%	\$ 2,971	8.64%	\$ 66.5	11.06%	

The footnote to this table is presented on page 36.

Table 15 – Details of the credit portfolio subject to the Advanced Internal Ratings-Based Approach (continued)

Unused exposure and off-balance sheet exposure

(in millions of dollars and as a percentage)

As at March 31, 2017

	PD scale (%)	EAD-weighted average PD	EAD-weighted average LGD	Notional amount of unused commitments	EAD	EAD as a percentage of notional amount	RWA	RWA as a percentage of EAD	EL	RWA adjusted for EL, as a percentage of EAD ⁽¹⁾
Exposures related to residential mortgage loans										
Insured exposures										
Excellent	0.00 - 0.14	0.07%	8.21%	\$ 9	\$ 5	50.00%	\$ -	1.48%	\$ -	1.55%
	0.15 - 0.24	-	-	-	-	-	-	-	-	-
Very low	0.25 - 0.49	0.26	8.24	22	11	50.00	-	4.01	-	4.28
	0.50 - 0.74	0.59	8.19	28	14	50.00	2	7.17	-	7.77
Low	0.75 - 2.49	1.43	8.17	23	11	50.00	1	12.81	0.1	14.27
Medium	2.50 - 9.99	5.74	8.24	7	3	50.00	1	28.25	-	34.16
High	10.00 - 99.99	27.42	8.33	2	1	50.00	-	48.64	-	77.19
Default	100.00	100.00	9.06	-	-	50.00	-	113.31	-	113.31
Sub-total		1.88	8.21	91	45	50.00	4	9.87	0.1	11.41
Uninsured exposures										
Excellent	0.00 - 0.14	0.07	11.03	8,069	4,149	51.42	83	1.99	0.3	2.09
	0.15 - 0.24	-	-	-	-	-	-	-	-	-
Very low	0.25 - 0.49	0.26	11.26	4,960	2,570	51.80	141	5.48	0.8	5.85
	0.50 - 0.74	0.59	11.61	2,511	1,219	48.55	124	10.16	0.8	11.02
Low	0.75 - 2.49	1.43	12.06	1,447	655	45.30	124	18.95	1.1	21.11
Medium	2.50 - 9.99	4.88	12.96	264	113	42.74	47	41.57	0.7	49.61
High	10.00 - 99.99	27.42	13.65	38	13	34.73	11	79.68	0.5	126.46
Default	100.00	100.00	10.24	24	-	0.86	-	127.95	-	127.95
Sub-total		0.41	11.29	17,313	8,719	50.36	530	6.07	4.2	6.68
Total		0.41	11.27	17,404	8,764	50.36	534	6.09	4.3	6.71
Qualifying revolving retail client exposures (QRRCE)										
Excellent	0.00 - 0.14	0.08	79.34	28,984	18,890	65.17	693	3.67	11.3	7.78
	0.15 - 0.24	-	-	-	-	-	-	-	-	-
Very low	0.25 - 0.49	0.34	78.14	4,018	2,553	63.54	330	12.92	6.9	23.40
	0.50 - 0.74	0.68	65.71	438	241	55.08	45	18.67	1.1	49.22
Low	0.75 - 2.49	1.44	78.81	5,057	2,731	54.00	1,040	38.06	30.3	66.91
Medium	2.50 - 9.99	4.26	71.61	602	185	30.65	144	78.10	5.7	116.39
High	10.00 - 99.99	18.13	60.25	430	53	12.37	80	151.18	5.8	252.51
Default	100.00	100.00	-	9	-	-	-	-	-	-
Total		0.33	78.92	39,538	24,653	62.35	2,332	9.46	61.1	12.56
Other retail client exposures, excluding SMEs similar to the other retail client exposures										
Excellent	0.00 - 0.14	0.07	42.38	346	225	65.05	17	7.43	0.1	7.78
	0.15 - 0.24	-	-	-	-	-	-	-	-	-
Very low	0.25 - 0.49	0.28	43.12	113	69	61.33	15	21.88	0.1	23.40
	0.50 - 0.74	0.68	52.73	65	35	53.39	15	44.74	0.1	49.22
Low	0.75 - 2.49	1.33	51.71	32	17	52.13	10	58.40	0.1	66.91
Medium	2.50 - 9.99	2.88	51.37	33	17	51.02	12	70.64	0.2	88.75
High	10.00 - 99.99	24.91	45.63	5	2	50.52	3	110.44	0.3	252.51
Default	100.00	100.00	72.87	1	-	0.05	-	804.47	-	938.90
Total		0.52	44.37	595	365	61.41	72	19.65	0.9	22.74
Overall total		0.35%	61.00%	\$ 57,537	\$ 33,782	58.72%	\$ 2,938	8.69%	\$ 66.3	11.15%

⁽¹⁾ Risk-weighted assets (RWA) adjusted for expected losses (EL) as a percentage of exposure at default (EAD) is calculated as follows: (RWA + 12.5 × EL) / EAD.

Table 16 – Credit risk exposure under the Advanced Internal Ratings-Based Approach - Backtesting: Actual and estimated parameters⁽¹⁾

	As at March 31, 2019						As at December 31, 2018					
	Weighted average PD ⁽²⁾	Average historical annual default rate	EAD - weighted average LGD ⁽²⁾	EAD - weighted actual LGD ⁽²⁾	EAD - weighted average CCF ⁽²⁾	EAD - weighted actual CCF ⁽²⁾	Weighted average PD ⁽²⁾	Average historical annual default rate ⁽³⁾	EAD - weighted average LGD ⁽²⁾	EAD - weighted actual LGD ⁽²⁾⁽³⁾	EAD - weighted average CCF ⁽²⁾	EAD - weighted actual CCF ⁽²⁾⁽³⁾
(as a percentage)												
Exposures related to residential mortgages												
Insured exposures	1.75%	0.75%	13.17%	12.73%	50.00%	50.00%	1.76%	0.75%	12.56%	9.16%	50.00%	50.00%
Uninsured exposures	1.11	0.53	13.28	10.28	56.31	35.12	1.09	0.53	12.69	9.54	56.25	59.02
Qualifying revolving retail client exposures	1.58	1.07	82.78	71.75	62.92	42.27	1.55	1.08	82.74	70.59	62.91	45.07
Other retail client exposures, excluding SME's similar to other retail client exposures	3.72	1.75	44.67	30.82	67.63	56.56	3.60	1.64	44.50	29.85	67.24	56.74
	As at September 30, 2018						As at June 30, 2018					
	Weighted average PD ⁽²⁾	Average historical annual default rate ⁽³⁾	EAD - weighted average LGD ⁽²⁾	EAD - weighted actual LGD ⁽²⁾⁽³⁾	EAD - weighted average CCF ⁽²⁾	EAD - weighted actual CCF ⁽²⁾⁽³⁾	Weighted average PD ⁽²⁾	Average historical annual default rate	EAD - weighted average LGD ⁽²⁾	EAD - weighted actual LGD ⁽²⁾	EAD - weighted average CCF ⁽²⁾	EAD - weighted actual CCF ⁽²⁾
(as a percentage)												
Exposures related to residential mortgages												
Insured exposures	1.72%	0.75%	12.21%	9.16%	50.00%	50.00%	1.68%	0.75%	11.40%	9.16%	50.00%	50.00%
Uninsured exposures	1.15	0.53	12.52	9.54	56.32	59.02	1.08	0.53	12.13	9.54	67.62	59.02
Qualifying revolving retail client exposures	1.56	1.08	77.74	70.59	62.88	45.07	1.50	1.08	77.80	70.59	63.01	45.07
Other retail client exposures, excluding SME's similar to other retail client exposures	3.43	1.64	42.95	29.85	66.99	56.74	3.32	1.64	43.03	29.85	66.84	56.74
	As at March 31, 2018						As at December 31, 2017					
	Weighted average PD ⁽²⁾	Average historical annual default rate	EAD - weighted average LGD ⁽²⁾	EAD - weighted actual LGD ⁽²⁾	EAD - weighted average CCF ⁽²⁾	EAD - weighted actual CCF ⁽²⁾	Weighted average PD ⁽²⁾	Average historical annual default rate	EAD - weighted average LGD ⁽²⁾	EAD - weighted actual LGD ⁽²⁾	EAD - weighted average CCF ⁽²⁾	EAD - weighted actual CCF ⁽²⁾
(as a percentage)												
Exposures related to residential mortgages												
Insured exposures	1.68%	0.72%	10.88%	8.48%	50.00%	50.00%	1.70%	0.75%	8.28%	5.07%	50.00%	50.00%
Uninsured exposures	1.12	0.51	12.02	9.57	67.34	50.45	1.09	0.52	11.75	9.00	67.04	51.36
Qualifying revolving retail client exposures	1.60	1.11	77.59	70.78	62.97	44.06	1.56	1.07	77.57	70.48	63.00	45.09
Other retail client exposures, excluding SME's similar to other retail client exposures	3.25	1.57	43.19	33.29	66.63	49.49	3.24	1.59	43.10	33.36	65.25	48.98

⁽¹⁾ In this table, "PD" stands for probability of default, "LGD" stands for loss given default, "EAD" stands for exposure at default, and "CCF" stands for credit conversion factor.

⁽²⁾ PD and LGD are weighted using the exposure at default, while CCF is weighted using the total commitment.

⁽³⁾ The "Average historical annual default rate", "Actual LGD" and "Actual CCF" parameters disclosed as at December 31, 2018 and September 30, 2018 are those observed as at June 30, 2018 due to an update of the backtesting systems that ended in the first quarter of 2019.

Table 17 – Risk exposure by asset class⁽¹⁾ and remaining contractual term to maturity

(in millions of dollars)	As at March 31, 2019				As at December 31, 2018				As at September 30, 2018			
	Remaining contractual term to maturity				Remaining contractual term to maturity				Remaining contractual term to maturity			
	Less than 1 year	1 to 5 years	Over 5 years	Total	Less than 1 year	1 to 5 years	Over 5 years	Total	Less than 1 year	1 to 5 years	Over 5 years	Total
Internal Ratings-Based Approach												
Mortgages	\$ 102,509	\$ 850	\$ 1,087	\$ 104,446	\$ 101,869	\$ 930	\$ 1,094	\$ 103,893	\$ 101,539	\$ 1,103	\$ 1,009	\$ 103,651
Revolving retail client exposures	39,143	-	-	39,143	39,177	-	-	39,177	38,475	-	-	38,475
Other retail client exposures	3,375	1,269	6,761	11,405	3,301	1,421	6,549	11,271	3,193	1,617	6,251	11,061
Total	\$ 145,027	\$ 2,119	\$ 7,848	\$ 154,994	\$ 144,347	\$ 2,351	\$ 7,643	\$ 154,341	\$ 143,207	\$ 2,720	\$ 7,260	\$ 153,187

(in millions of dollars)	As at June 30, 2018				As at March 31, 2018				As at December 31, 2017			
	Remaining contractual term to maturity				Remaining contractual term to maturity				Remaining contractual term to maturity			
	Less than 1 year	1 to 5 years	Over 5 years	Total	Less than 1 year	1 to 5 years	Over 5 years	Total	Less than 1 year	1 to 5 years	Over 5 years	Total
Internal Ratings-Based Approach												
Mortgages	\$ 107,803	\$ 1,353	\$ 824	\$ 109,980	\$ 104,862	\$ 1,483	\$ 346	\$ 106,691	\$ 103,804	\$ 1,691	\$ 186	\$ 105,681
Revolving retail client exposures	37,849	-	-	37,849	37,311	-	-	37,311	37,349	-	-	37,349
Other retail client exposures	3,297	1,749	5,728	10,774	3,367	1,882	5,037	10,286	3,279	2,023	4,691	9,993
Total	\$ 148,949	\$ 3,102	\$ 6,552	\$ 158,603	\$ 145,540	\$ 3,365	\$ 5,383	\$ 154,288	\$ 144,432	\$ 3,714	\$ 4,877	\$ 153,023

(in millions of dollars)	As at September 30, 2017				As at June 30, 2017				As at March 31, 2017			
	Remaining contractual term to maturity				Remaining contractual term to maturity				Remaining contractual term to maturity			
	Less than 1 year	1 to 5 years	Over 5 years	Total	Less than 1 year	1 to 5 years	Over 5 years	Total	Less than 1 year	1 to 5 years	Over 5 years	Total
Internal Ratings-Based Approach												
Mortgages	\$ 99,171	\$ 1,921	\$ 3	\$ 101,095	\$ 97,683	\$ 1,775	\$ 223	\$ 99,681	\$ 95,557	\$ 1,648	\$ 7	\$ 97,212
Revolving retail client exposures	36,310	-	-	36,310	35,674	-	-	35,674	35,104	-	-	35,104
Other retail client exposures	3,146	2,167	4,279	9,592	3,155	1,798	4,257	9,210	3,264	1,945	3,696	8,905
Total	\$ 138,627	\$ 4,088	\$ 4,282	\$ 146,997	\$ 136,512	\$ 3,573	\$ 4,480	\$ 144,565	\$ 133,925	\$ 3,593	\$ 3,703	\$ 141,221

⁽¹⁾ The definition of exposure classes related to regulatory capital requirements differs from the accounting classification.

Table 18 – Risk exposure by asset class⁽¹⁾ and risk tranche (Standardized Approach)

(in millions of dollars)	As at March 31, 2019								As at December 31, 2018							
	Risk Tranches								Risk Tranches							
	0%	20%	35%	50%	75%	100%	Other	Total	0%	20%	35%	50%	75%	100%	Other	Total
Sovereign borrowers	\$ 16,333	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 16,333	\$ 15,282	\$ -	\$ -	\$ -	\$ -	\$ 102	\$ -	\$ 15,384
Financial institutions	-	16,429	-	199	-	3	1	16,632	-	17,659	-	21	-	4	1	17,685
Businesses	-	255	-	602	-	67,429	728	69,014	-	219	-	653	-	66,260	710	67,842
SMEs similar to other retail client exposures	-	-	-	-	8,209	128	157	8,494	-	-	-	-	8,120	113	150	8,383
Mortgages	-	-	423	-	-	-	-	423	-	-	435	-	-	-	-	435
Other retail client exposure (excluding SMEs)	-	-	-	-	1,926	2	-	1,928	-	-	-	-	1,946	1	-	1,947
Securitization	-	-	-	-	-	-	5	5	-	-	-	-	-	-	5	5
Equities	-	-	-	-	-	233	9	242	-	-	-	-	-	243	7	250
Trading portfolio	9,844	5,025	-	12	517	4,424	10	19,832	11,386	4,927	-	34	30	4,821	5	21,203
Total	\$ 26,177	\$ 21,709	\$ 423	\$ 813	\$ 10,652	\$ 72,219	\$ 910	\$ 132,903	\$ 26,668	\$ 22,805	\$ 435	\$ 708	\$ 10,096	\$ 71,544	\$ 878	\$ 133,134

(in millions of dollars)	As at September 30, 2018								As at June 30, 2018							
	Risk Tranches								Risk Tranches							
	0%	20%	35%	50%	75%	100%	Other	Total	0%	20%	35%	50%	75%	100%	Other	Total
Sovereign borrowers	\$ 16,499	\$ -	\$ -	\$ -	\$ -	\$ 99	\$ -	\$ 16,598	\$ 14,986	\$ -	\$ -	\$ -	\$ -	\$ 99	\$ -	\$ 15,085
Financial institutions	-	17,096	-	104	-	5	1	17,206	-	15,010	-	105	-	331	1	15,447
Businesses	-	157	-	652	-	63,634	589	65,032	-	242	-	683	-	57,448	536	58,909
SMEs similar to other retail client exposures	-	-	-	-	8,135	101	138	8,374	-	-	-	-	5,458	1,311	146	6,915
Mortgages	-	-	438	-	-	-	-	438	-	-	460	-	-	1	-	461
Other retail client exposure (excluding SMEs)	-	-	-	-	1,833	-	7	1,840	-	-	-	-	1,689	1	-	1,690
Securitization	-	-	-	-	-	-	5	5	-	-	-	-	-	-	5	5
Equities	-	-	-	-	-	192	8	200	-	-	-	-	-	191	8	199
Trading portfolio	10,760	6,174	-	7	2	3,512	9	20,464	9,007	6,201	-	136	-	3,668	17	19,029
Total	\$ 27,259	\$ 23,427	\$ 438	\$ 763	\$ 9,970	\$ 67,543	\$ 757	\$ 130,157	\$ 23,993	\$ 21,453	\$ 460	\$ 924	\$ 7,147	\$ 63,050	\$ 713	\$ 117,740

The footnote to this table is presented on page 41.

Table 18 – Risk exposure by asset class⁽¹⁾ and risk tranche (Standardized Approach) (continued)

(in millions of dollars)	As at March 31, 2018								As at December 31, 2017							
	Risk Tranches								Risk Tranches							
	0%	20%	35%	50%	75%	100%	Other	Total	0%	20%	35%	50%	75%	100%	Other	Total
Sovereign borrowers	\$ 14,775	\$ -	\$ -	\$ -	\$ -	\$ 3	\$ -	\$ 14,778	\$ 14,459	\$ 127	\$ -	\$ -	\$ -	\$ 2	\$ -	\$ 14,588
Financial institutions	-	14,063	-	100	-	315	-	14,478	-	13,740	-	99	-	405	3	14,247
Businesses	-	226	-	630	-	55,900	560	57,316	-	195	-	615	-	53,329	702	54,841
SMEs similar to other retail																
client exposures	-	-	-	-	5,428	1,310	153	6,891	-	-	-	-	5,454	1,479	111	7,044
Mortgages	-	-	461	-	-	3	-	464	-	-	408	-	-	3	-	411
Other retail client exposure																
(excluding SMEs)	-	-	-	-	1,712	-	2	1,714	-	-	-	-	1,456	48	1	1,505
Securitization	-	-	-	-	-	-	6	6	-	-	-	-	-	-	6	6
Equities	-	-	-	-	-	195	8	203	-	-	-	-	-	144	8	152
Trading portfolio	9,459	6,276	-	8	-	4,684	5	20,432	10,398	5,514	-	12	-	2,650	16	18,590
Total	\$ 24,234	\$ 20,565	\$ 461	\$ 738	\$ 7,140	\$ 62,410	\$ 734	\$ 116,282	\$ 24,857	\$ 19,576	\$ 408	\$ 726	\$ 6,910	\$ 58,060	\$ 847	\$ 111,384

(in millions of dollars)	As at September 30, 2017								As at June 30, 2017							
	Risk Tranches								Risk Tranches							
	0%	20%	35%	50%	75%	100%	Other	Total	0%	20%	35%	50%	75%	100%	Other	Total
Sovereign borrowers	\$ 14,704	\$ 135	\$ -	\$ -	\$ -	\$ 19	\$ -	\$ 14,858	\$ 17,520	\$ 10	\$ -	\$ -	\$ -	\$ 4	\$ -	\$ 17,534
Financial institutions	-	14,340	-	38	-	375	58	14,811	76	13,366	-	35	-	502	17	13,996
Businesses	-	257	-	522	-	52,729	627	54,135	-	285	-	482	-	51,933	594	53,294
SMEs similar to other retail																
client exposures	-	-	-	-	5,691	1,647	128	7,466	-	-	-	-	5,582	1,731	138	7,451
Mortgages	-	-	270	-	-	1	-	271	-	-	205	-	-	1	-	206
Other retail client exposure																
(excluding SMEs)	-	-	-	-	1,410	81	-	1,491	-	-	-	-	1,402	89	-	1,491
Securitization	-	-	-	-	-	-	7	7	-	-	-	-	-	-	7	7
Equities	-	-	-	-	-	116	8	124	-	-	-	-	-	120	8	128
Trading portfolio	10,429	4,987	-	2	-	2,603	14	18,035	4,967	6,406	-	11	1	2,084	-	13,469
Total	\$ 25,133	\$ 19,719	\$ 270	\$ 562	\$ 7,101	\$ 57,571	\$ 842	\$ 111,198	\$ 22,563	\$ 20,067	\$ 205	\$ 528	\$ 6,985	\$ 56,464	\$ 764	\$ 107,576

The footnote to this table is presented on page 41.

Table 18 – Risk exposure by asset class⁽¹⁾ and risk tranche (Standardized Approach) (continued)

(in millions of dollars)	As at March 31, 2017							
	Risk Tranches							
	0%	20%	35%	50%	75%	100%	Other	Total
Sovereign borrowers	\$ 15,485	\$ -	\$ -	\$ -	\$ -	\$ 4	\$ -	\$ 15,489
Financial institutions	-	13,152	-	172	-	424	14	13,762
Businesses	-	340	-	491	-	50,864	757	52,452
SMEs similar to other retail client exposures	-	-	-	-	5,372	1,764	143	7,279
Mortgages	-	-	185	-	-	1	-	186
Other retail client exposure (excluding SMEs)	-	-	-	-	1,422	58	1	1,481
Securitization	-	-	-	-	-	-	8	8
Equities	-	-	-	-	-	122	-	122
Trading portfolio	7,173	7,823	-	132	-	1,610	3	16,741
Total	\$ 22,658	\$ 21,315	\$ 185	\$ 795	\$ 6,794	\$ 54,847	\$ 926	\$ 107,520

⁽¹⁾ The definition of exposure classes related to regulatory capital requirements differs from the accounting classification.

RISK MANAGEMENT

Table 19 – Loan portfolio by borrower category and industry

	As at March 31, 2019 ⁽¹⁾		As at December 31, 2018 ⁽¹⁾		As at September 30, 2018 ⁽¹⁾		As at June 30, 2018 ⁽¹⁾		As at March 31, 2018 ⁽¹⁾		As at December 31, 2017		As at September 30, 2017		As at June 30, 2017		As at March 31, 2017	
(in millions of dollars)	Gross loans	Gross credit- impaired ⁽²⁾ loans	Gross loans	Gross credit- impaired ⁽²⁾ loans	Gross loans	Gross credit- impaired ⁽²⁾ loans	Gross loans	Gross credit- impaired ⁽²⁾ loans	Gross loans	Gross credit- impaired ⁽²⁾ loans	Gross loans	Gross credit- impaired ⁽²⁾ loans	Gross loans	Gross credit- impaired ⁽²⁾ loans	Gross loans	Gross credit- impaired ⁽²⁾ loans	Gross loans	Gross credit- impaired ⁽²⁾ loans
Residential mortgages	\$ 120,744	\$ 336	\$ 120,113	\$ 320	\$ 118,981	\$ 320	\$ 117,381	\$ 336	\$ 114,211	\$ 301	\$ 113,146	\$ 141	\$ 111,442	\$ 142	\$ 109,740	\$ 155	\$ 107,246	\$ 178
Consumer, credit card and other personal loans	26,031	248	26,210	221	25,709	218	25,285	225	24,504	213	24,044	89	23,361	83	22,832	86	22,243	100
Public agency loans ⁽³⁾	3,049	-	3,326	-	2,528	-	2,733	-	2,969	-	3,621	-	2,985	-	2,600	-	2,632	-
Business loans																		
Agriculture	9,291	115	9,191	115	8,512	99	8,371	87	8,051	82	7,988	24	7,712	28	7,550	29	7,426	36
Mining, oil and gas	369	1	336	1	307	1	362	1	329	2	306	1	417	3	445	1	302	1
Utilities	705	-	751	-	463	-	526	1	403	6	410	6	503	6	517	7	654	7
Construction	3,148	155	2,857	154	2,640	52	2,524	46	2,263	51	2,168	35	2,140	41	2,211	38	2,225	45
Manufacturing	4,093	68	3,892	36	3,447	39	3,427	35	2,909	44	2,750	38	2,564	34	2,597	34	2,751	42
Wholesale trade	1,599	10	1,455	12	1,373	11	1,377	8	1,368	13	1,261	5	1,259	4	1,226	6	1,232	5
Retail trade	3,258	35	3,046	37	2,977	30	3,082	30	3,025	35	2,933	22	2,827	23	3,230	22	2,773	23
Transportation	1,441	26	1,475	19	1,384	22	1,412	27	1,325	30	1,277	9	1,366	10	1,419	9	1,436	11
Information industry	508	6	519	6	475	6	491	6	352	6	344	6	334	7	337	7	371	7
Finance and insurance	690	1	651	-	668	-	922	-	636	-	753	-	766	-	692	-	743	1
Real estate	8,009	32	7,849	34	8,283	39	8,358	38	8,067	41	8,099	10	8,095	13	7,949	10	7,511	11
Professional services	910	5	788	4	696	6	681	4	641	5	614	4	626	6	584	3	575	4
Management of companies	903	5	945	5	858	5	868	4	910	8	927	1	930	4	932	4	899	3
Administrative services	320	3	311	4	281	3	267	3	261	6	255	4	279	11	269	12	243	12
Education	315	1	232	2	183	1	329	1	182	1	183	-	338	-	336	-	333	-
Health care	3,269	18	3,140	22	2,826	24	2,729	38	2,578	41	2,511	17	2,457	17	2,349	18	2,344	15
Arts and entertainment	802	13	809	12	745	12	699	8	706	6	722	4	713	6	729	7	694	6
Accommodation	1,590	28	1,545	29	1,433	28	1,393	26	1,295	30	1,267	16	1,254	19	1,253	18	1,236	24
Other services	1,071	8	1,046	9	853	10	861	11	786	11	803	8	889	10	870	11	871	12
Other businesses	608	-	742	-	2,263	9	1,219	2	1,798	4	1,546	2	1,161	2	1,144	1	1,316	1
Total business loans	\$ 42,899	\$ 530	\$ 41,580	\$ 501	\$ 40,667	\$ 397	\$ 39,898	\$ 376	\$ 37,885	\$ 422	\$ 37,117	\$ 212	\$ 36,630	\$ 244	\$ 36,639	\$ 237	\$ 35,935	\$ 266
Total loans	\$ 192,723	\$ 1,114	\$ 191,229	\$ 1,042	\$ 187,885	\$ 935	\$ 185,297	\$ 937	\$ 179,569	\$ 936	\$ 177,928	\$ 442	\$ 174,418	\$ 469	\$ 171,811	\$ 478	\$ 168,056	\$ 544

⁽¹⁾ The information presented for the 2019 and 2018 quarters reflects the standards and amendments adopted on January 1, 2018. Comparative figures have not been restated. For more information, see Note 2, "Basis of presentation and significant accounting policies", to the Annual Combined Financial Statements

⁽²⁾ Following the adoption of IFRS 9 as at January 1, 2018, all loans included in Stage 3 of the impairment model are considered credit-impaired. Under IAS 39, the criteria applied to determine whether a loan is credit-impaired were different. For more information, see Note 2, "Basis of presentation and significant accounting policies", to the Annual Combined Financial Statements.

⁽³⁾ Includes government loans.

Table 20 – Loan portfolio by geographic area

	As at March 31, 2019 ⁽¹⁾		As at December 31, 2018 ⁽¹⁾		As at September 30, 2018 ⁽¹⁾		As at June 30, 2018 ⁽¹⁾		As at March 31, 2018 ⁽¹⁾	
(in millions of dollars)	Gross loans	Gross credit- impaired ⁽²⁾ loans	Gross loans	Gross credit- impaired ⁽²⁾ loans	Gross loans	Gross credit- impaired ⁽²⁾ loans	Gross loans	Gross credit- impaired ⁽²⁾ loans ⁽³⁾	Gross loans	Gross credit- impaired ⁽²⁾ loans ⁽³⁾
Canada										
Quebec	\$ 175,000	\$ 899	\$ 173,788	\$ 830	\$ 170,830	\$ 835	\$ 168,542	\$ 855	\$ 163,452	\$ 843
Other Canadian provinces	17,148	212	16,752	209	16,438	92	16,331	81	15,614	89
Total – Canada	\$ 192,148	\$ 1,111	\$ 190,540	\$ 1,039	\$ 187,268	\$ 927	\$ 184,873	\$ 936	\$ 179,066	\$ 932
Other countries	575	3	689	3	617	8	424	1	503	4
Total	\$ 192,723	\$ 1,114	\$ 191,229	\$ 1,042	\$ 187,885	\$ 935	\$ 185,297	\$ 937	\$ 179,569	\$ 936

	As at December 31, 2017		As at September 30, 2017		As at June 30, 2017		As at March 31, 2017	
(in millions of dollars)	Gross loans	Gross credit- impaired ⁽²⁾ loans	Gross loans	Gross credit- impaired ⁽²⁾ loans	Gross loans	Gross credit- impaired ⁽²⁾ loans	Gross loans	Gross credit- impaired ⁽²⁾ loans
Canada								
Quebec	\$ 163,921	\$ 389	\$ 159,085	\$ 417	\$ 156,788	\$ 424	\$ 153,257	\$ 488
Other Canadian provinces	13,667	50	15,074	50	14,803	52	14,560	55
Total – Canada	\$ 177,588	\$ 439	\$ 174,159	\$ 467	\$ 171,591	\$ 476	\$ 167,817	\$ 543
Other countries	340	3	259	2	220	2	239	1
Total	\$ 177,928	\$ 442	\$ 174,418	\$ 469	\$ 171,811	\$ 478	\$ 168,056	\$ 544

⁽¹⁾ The information presented for the 2019 and 2018 quarters reflects the standards and amendments adopted on January 1, 2018. Comparative figures have not been restated. For more information, see Note 2, "Basis of presentation and significant accounting policies", to the Annual Combined Financial Statements.

⁽²⁾ Following the adoption of IFRS 9 as at January 1, 2018, all loans included in Stage 3 of the impairment model are considered credit-impaired. Under IAS 39, the criteria applied to determine whether a loan is credit-impaired were different. For more information, see Note 2, "Basis of presentation and significant accounting policies", to the Annual Combined Financial Statements.

⁽³⁾ Due to methodological enhancements, the amounts as at June 30, 2018 and March 31, 2018 have been reclassified, regardless of the standards and amendments adopted on January 1, 2018.

Table 21 – Loan and acceptance portfolio by entity

	As at March 31, 2019		As at December 31, 2018		As at September 30, 2018		As at June 30, 2018		As at March 31, 2018	
(in millions of dollars and as a percentage)	Gross loans and acceptances		Gross loans and acceptances		Gross loans and acceptances		Gross loans and acceptances		Gross loans and acceptances	
Desjardins Group										
Caisse network	\$ 156,002	80.9%	\$ 154,692	80.9%	\$ 152,753	81.2%	\$ 150,494	81.2%	\$ 146,828	81.7%
Fédération des caisses Desjardins du Québec	32,762	17.0	31,862	16.6	30,605	16.3	30,023	16.2	27,794	15.5
Desjardins Financial Security Life Assurance Company	3,144	1.6	3,133	1.6	3,015	1.6	3,087	1.7	3,217	1.8
Other entities	958	0.5	1,702	0.9	1,763	0.9	1,735	0.9	1,773	1.0
Total	\$ 192,866	100.0%	\$ 191,389	100.0%	\$ 188,136	100.0%	\$ 185,339	100.0%	\$ 179,612	100.0%

	As at December 31, 2017		As at September 30, 2017		As at June 30, 2017		As at March 31, 2017	
(in millions of dollars and as a percentage)	Gross loans and acceptances		Gross loans and acceptances		Gross loans and acceptances		Gross loans and acceptances	
Desjardins Group								
Caisse network	\$ 145,259	81.6%	\$ 143,006	81.9%	\$ 140,929	82.0%	\$ 138,631	82.4%
Fédération des caisses Desjardins du Québec	27,972	15.7	27,174	15.6	26,640	15.5	25,336	15.1
Desjardins Financial Security Life Assurance Company	3,297	1.9	3,273	1.9	3,297	1.9	3,398	2.0
Other entities	1,431	0.8	1,106	0.6	1,004	0.6	796	0.5
Total	\$ 177,959	100.0%	\$ 174,559	100.0%	\$ 171,870	100.0%	\$ 168,161	100.0%

Table 22 – Loan and acceptance portfolio by product

(in millions of dollars and as a percentage)	As at March 31, 2019 ⁽¹⁾						As at December 31, 2018 ⁽¹⁾					
	Gross loans and acceptances		Guaranteed or insured loans ⁽²⁾		Gross credit-impaired ⁽³⁾ loans		Gross loans and acceptances		Guaranteed or insured loans ⁽²⁾		Gross credit-impaired ⁽³⁾ loans	
Desjardins Group												
Residential mortgages	\$ 120,744	62.6%	\$ 36,328	77.8%	\$ 336	30.1%	\$ 120,113	62.8%	\$ 36,764	78.0%	\$ 320	30.7%
Consumer, credit card and other personal loans	26,031	13.5	3,437	7.4	248	22.3	26,210	13.7	3,441	7.3	221	21.2
Business and government loans	46,091	23.9	6,912	14.8	530	47.6	45,066	23.5	6,924	14.7	501	48.1
Total	\$ 192,866	100.0%	\$ 46,677	100.0%	\$ 1,114	100.0%	\$ 191,389	100.0%	\$ 47,129	100.0%	\$ 1,042	100.0%
(in millions of dollars and as a percentage)	As at September 30, 2018 ⁽¹⁾						As at June 30, 2018 ⁽¹⁾					
	Gross loans and acceptances		Guaranteed or insured loans ⁽²⁾		Gross credit-impaired ⁽³⁾ loans		Gross loans and acceptances		Guaranteed or insured loans ⁽²⁾		Gross credit-impaired ⁽³⁾ loans	
Desjardins Group												
Residential mortgages	\$ 118,981	63.2%	\$ 36,828	79.0%	\$ 320	34.2%	\$ 117,381	63.4%	\$ 36,842	78.2%	\$ 336	35.9%
Consumer, credit card and other personal loans	25,709	13.7	3,399	7.3	218	23.3	25,285	13.6	3,550	7.5	225	24.0
Business and government loans	43,446	23.1	6,362	13.7	397	42.5	42,673	23.0	6,727	14.3	376	40.1
Total	\$ 188,136	100.0%	\$ 46,589	100.0%	\$ 935	100.0%	\$ 185,339	100.0%	\$ 47,119	100.0%	\$ 937	100.0%
(in millions of dollars and as a percentage)	As at March 31, 2018 ⁽¹⁾						As at December 31, 2017					
	Gross loans and acceptances		Guaranteed or insured loans ⁽²⁾		Gross credit-impaired ⁽³⁾ loans		Gross loans and acceptances		Guaranteed or insured loans ⁽²⁾		Gross credit-impaired ⁽³⁾ loans	
Desjardins Group												
Residential mortgages	\$ 114,211	63.6%	\$ 36,033	77.5%	\$ 300	32.0%	\$ 113,146	63.6%	\$ 36,091	76.9%	\$ 141	31.9%
Consumer, credit card and other personal loans	24,504	13.6	3,706	8.0	213	22.8	24,044	13.5	3,681	7.8	89	20.1
Business and government loans	40,897	22.8	6,766	14.5	423	45.2	40,769	22.9	7,180	15.3	212	48.0
Total	\$ 179,612	100.0%	\$ 46,505	100.0%	\$ 936	100.0%	\$ 177,959	100.0%	\$ 46,952	100.0%	\$ 442	100.0%
(in millions of dollars and as a percentage)	As at September 30, 2017						As at June 30, 2017					
	Gross loans and acceptances		Guaranteed or insured loans ⁽²⁾		Gross credit-impaired ⁽³⁾ loans		Gross loans and acceptances		Guaranteed or insured loans ⁽²⁾		Gross credit-impaired ⁽³⁾ loans	
Desjardins Group												
Residential mortgages	\$ 111,442	63.8%	\$ 36,085	77.6%	\$ 142	30.3%	\$ 109,740	63.8%	\$ 36,024	77.8%	\$ 155	32.4%
Consumer, credit card and other personal loans	23,361	13.4	3,577	7.7	83	17.7	22,832	13.3	3,630	7.8	86	18.0
Business and government loans	39,756	22.8	6,823	14.7	244	52.0	39,298	22.9	6,650	14.4	237	49.6
Total	\$ 174,559	100.0%	\$ 46,485	100.0%	\$ 469	100.0%	\$ 171,870	100.0%	\$ 46,304	100.0%	\$ 478	100.0%
(in millions of dollars and as a percentage)	As at March 31, 2017											
	Gross loans and acceptances		Guaranteed or insured loans ⁽²⁾		Gross credit-impaired ⁽³⁾ loans							
Desjardins Group												
Residential mortgages	\$ 107,246	63.8%	\$ 34,859	77.0%	\$ 178	32.7%						
Consumer, credit card and other personal loans	22,243	13.2	3,761	8.3	100	18.4						
Business and government loans	38,672	23.0	6,677	14.7	266	48.9						
Total	\$ 168,161	100.0%	\$ 45,297	100.0%	\$ 544	100.0%						

⁽¹⁾ The information presented for the 2019 and 2018 quarters reflects the standards and amendments adopted on January 1, 2018. Comparative figures have not been restated. For more information, see Note 2, "Basis of presentation and significant accounting policies", to the Annual Combined Financial Statements.

⁽²⁾ Loans fully or partially guaranteed or insured by a public insurer or a government (excluding private insurers).

⁽³⁾ Following the adoption of IFRS 9 as at January 1, 2018, all loans included in Stage 3 of the impairment model are considered credit-impaired. Under IAS 39, the criteria applied to determine whether a loan is credit-impaired were different. For more information, see Note 2, "Basis of presentation and significant accounting policies", to the Annual Combined Financial Statements.

Table 23 – Change in gross credit-impaired⁽¹⁾ loans

(in millions of dollars)	For the three-month periods ended				
	March 31, 2019 ⁽²⁾	December 31, 2018 ⁽²⁾	September 30, 2018 ⁽²⁾⁽³⁾	June 30, 2018 ⁽²⁾	March 31, 2018 ⁽²⁾
Gross credit-impaired loans at the beginning of the period under IAS 39	N/A	N/A	N/A	N/A	\$ 442
Impact of adopting IFRS 9 as at January 1, 2018	N/A	N/A	N/A	N/A	492
Gross credit-impaired loans at the beginning of the last period under IFRS 9	\$ 1,042	\$ 935	\$ 937	\$ 936	934
Gross loans that became credit-impaired since the last period	732	526	365	576	152
Loans returned to unimpaired status	(568)	(300)	(280)	(453)	(82)
Write-offs and recoveries	(89)	(98)	(76)	(89)	(90)
Other changes	(3)	(21)	(11)	(33)	22
Gross credit-impaired loans at the end of the period	\$ 1,114	\$ 1,042	\$ 935	\$ 937	\$ 936

(in millions of dollars)	For the three-month periods ended			
	December 31, 2017	September 30, 2017	June 30, 2017	March 31, 2017
Gross credit-impaired loans at the beginning of the period under IAS 39	\$ 469	\$ 478	\$ 544	\$ 532
Impact of adopting IFRS 9 as at January 1, 2018	N/A	N/A	N/A	N/A
Gross credit-impaired loans at the beginning of the last period under IFRS 9	N/A	N/A	N/A	N/A
Gross loans that became credit-impaired since the last period	227	207	202	265
Loans returned to unimpaired status	(191)	(128)	(180)	(169)
Write-offs and recoveries	(87)	(93)	(103)	(91)
Other changes	24	5	15	7
Gross credit-impaired loans at the end of the period	\$ 442	\$ 469	\$ 478	\$ 544

⁽¹⁾ Following the adoption of IFRS 9 as at January 1, 2018, all loans included in Stage 3 of the impairment model are considered credit-impaired. Under IAS 39, the criteria applied to determine whether a loan is credit-impaired were different. For more information, see Note 2, "Basis of presentation and significant accounting policies", to the Annual Combined Financial Statements.

⁽²⁾ The information presented for the 2019 and 2018 quarters reflects the standards and amendments adopted on January 1, 2018. Comparative figures have not been restated. For more information, see Note 2, "Basis of presentation and significant accounting policies", to the Annual Combined Financial Statements.

⁽³⁾ Data for the three-month period ended September 30, 2018 have been reclassified to conform with the presentation for the current period, regardless of the standards and amendments adopted on January 1, 2018.

Table 24 – Residential mortgage loan portfolio⁽¹⁾

Caisse network in Quebec and Ontario⁽²⁾

(in millions of dollars and as a percentage)	As at March 31, 2019								As at December 31, 2018							
	Guaranteed or insured loans ⁽³⁾		Uninsured loans ⁽⁴⁾		Home equity lines of credit ⁽⁵⁾		Total		Guaranteed or insured loans ⁽³⁾		Uninsured loans ⁽⁴⁾		Home equity lines of credit ⁽⁵⁾		Total	
Quebec	\$ 27,134	97.1 %	\$ 63,138	96.1 %	\$ 6,343	94.9 %	\$ 96,615	96.3 %	\$ 27,260	97.1 %	\$ 62,704	96.2 %	\$ 6,356	94.9 %	\$ 96,320	96.4 %
Ontario	810	2.9	2,497	3.8	342	5.1	3,649	3.6	814	2.9	2,477	3.8	342	5.1	3,633	3.6
Other ⁽⁶⁾	-	-	65	0.1	2	-	67	0.1	-	-	-	-	3	-	3	-
All geographic areas	\$ 27,944	100.0 %	\$ 65,700	100.0 %	\$ 6,687	100.0 %	\$ 100,33	100.0 %	\$ 28,074	100.0 %	\$ 65,181	100.0 %	\$ 6,701	100.0 %	\$ 99,956	100.0 %

(in millions of dollars and as a percentage)	As at September 30, 2018								As at June 30, 2018							
	Guaranteed or insured loans ⁽³⁾		Uninsured loans ⁽⁴⁾		Home equity lines of credit ⁽⁵⁾		Total		Guaranteed or insured loans ⁽³⁾		Uninsured loans ⁽⁴⁾		Home equity lines of credit ⁽⁵⁾		Total	
Quebec	\$ 27,424	97.1 %	\$ 61,709	96.2 %	\$ 6,523	94.9 %	\$ 95,656	96.3 %	\$ 27,607	97.1 %	\$ 60,341	96.3 %	\$ 6,558	95.0 %	\$ 94,506	96.4 %
Ontario	819	2.9	2,373	3.7	344	5.0	3,536	3.6	824	2.9	2,256	3.6	347	5.0	3,427	3.5
Other ⁽⁶⁾	-	-	65	0.1	4	0.1	69	0.1	-	-	62	0.1	3	-	65	0.1
All geographic areas	\$ 28,243	100.0 %	\$ 64,147	100.0 %	\$ 6,871	100.0 %	\$ 99,261	100.0 %	\$ 28,431	100.0 %	\$ 62,659	100.0 %	\$ 6,908	100.0 %	\$ 97,998	100.0 %

(in millions of dollars and as a percentage)	As at March 31, 2018								As at December 31, 2017							
	Guaranteed or insured loans ⁽³⁾		Uninsured loans ⁽⁴⁾		Home equity lines of credit ⁽⁵⁾		Total		Guaranteed or insured loans ⁽³⁾		Uninsured loans ⁽⁴⁾		Home equity lines of credit ⁽⁵⁾		Total	
Quebec	\$ 26,982	97.1 %	\$ 58,375	96.4 %	\$ 6,659	95.1 %	\$ 92,016	96.5 %	\$ 27,192	97.1 %	\$ 57,695	96.5 %	\$ 6,693	95.0 %	\$ 91,580	96.6 %
Ontario	806	2.9	2,180	3.6	344	4.9	3,330	3.5	812	2.9	2,093	3.5	348	4.9	3,253	3.4
Other ⁽⁶⁾	-	-	-	-	3	-	3	-	-	-	-	-	4	0.1	4	-
All geographic areas	\$ 27,788	100.0 %	\$ 60,555	100.0 %	\$ 7,006	100.0 %	\$ 95,349	100.0 %	\$ 28,004	100.0 %	\$ 59,788	100.0 %	\$ 7,045	100.0 %	\$ 94,837	100.0 %

(in millions of dollars and as a percentage)	As at September 30, 2017								As at June 30, 2017							
	Guaranteed or insured loans ⁽³⁾		Uninsured loans ⁽⁴⁾		Home equity lines of credit ⁽⁵⁾		Total		Guaranteed or insured loans ⁽³⁾		Uninsured loans ⁽⁴⁾		Home equity lines of credit ⁽⁵⁾		Total	
Quebec	\$ 27,242	97.1 %	\$ 56,383	96.5 %	\$ 6,737	95.0 %	\$ 90,362	96.6 %	\$ 27,368	97.2 %	\$ 55,140	96.6 %	\$ 6,778	95.0 %	\$ 89,286	96.6 %
Ontario	786	2.8	1,987	3.4	346	4.9	3,119	3.3	788	2.8	1,884	3.3	349	4.9	3,021	3.3
Other ⁽⁶⁾	28	0.1	58	0.1	4	0.1	90	0.1	-	-	57	0.1	5	0.1	62	0.1
All geographic areas	\$ 28,056	100.0 %	\$ 58,428	100.0 %	\$ 7,087	100.0 %	\$ 93,571	100.0 %	\$ 28,156	100.0 %	\$ 57,081	100.0 %	\$ 7,132	100.0 %	\$ 92,369	100.0 %

(in millions of dollars and as a percentage)	As at March 31, 2017							
	Guaranteed or insured loans ⁽³⁾		Uninsured loans ⁽⁴⁾		Home equity lines of credit ⁽⁵⁾		Total	
Quebec	\$ 26,300	97.1 %	\$ 54,313	96.7 %	\$ 6,834	95.1 %	\$ 87,447	96.7 %
Ontario	785	2.9	1,797	3.2	345	4.8	2,927	3.2
Other ⁽⁶⁾	-	-	57	0.1	5	0.1	62	0.1
All geographic areas	\$ 27,085	100.0 %	\$ 56,167	100.0 %	\$ 7,184	100.0 %	\$ 90,436	100.0 %

⁽¹⁾ Represents all loans secured by a property with up to four units. Residential mortgage loans on properties with up to four units held outside of the caisse network in Quebec and Ontario totalled \$132 million as at March 31, 2019. They amounted to \$135 million and \$144 million respectively for the March 2018 and March 2017 quarters.

⁽²⁾ Caisses in Ontario are not legally subject to the AMF rules but are instead subject to the Deposit Insurance Corporation of Ontario's rules.

⁽³⁾ Term mortgages and amortized portion of home equity lines of credit for which Desjardins Group has a full or partial guarantee or insurance from a mortgage insurer (public or private) or a government.

⁽⁴⁾ Conventional term mortgages including the conventional amortized portion of home equity lines of credit and amortized consumer loans secured by a property with up to four units.

⁽⁵⁾ Unamortized portion of home equity lines of credit and consumer lines of credit secured by a property with up to four units.

⁽⁶⁾ Represents the geographic areas of Canada other than Quebec and Ontario.

Table 25 – Average loan-to-value (LTV) ratio for uninsured residential mortgage loans granted during the quarter

Caisse network in Quebec and Ontario⁽¹⁾

	As at March 31, 2019			As at December 31, 2018			As at September 30, 2018		
	Uninsured loans ⁽²⁾	Home equity lines of credit and related loans ⁽³⁾	Total uninsured	Uninsured loans ⁽²⁾	Home equity lines of credit and related loans ⁽³⁾	Total uninsured	Uninsured loans ⁽²⁾	Home equity lines of credit and related loans ⁽³⁾	Total uninsured
(average loan-to-value ratio, by geographic area)									
Quebec	67.5 %	69.8 %	68.9 %	68.2 %	69.9 %	69.4 %	66.9 %	70.8 %	69.7 %
Ontario	71.2	68.1	69.5	71.0	68.3	69.2	70.4	68.9	69.6
Other ⁽⁴⁾	59.2	71.7	59.4	75.0	72.7	73.9	75.6	76.0	75.7
All geographic areas	67.7 %	69.7 %	69.0 %	68.3 %	69.9 %	69.3 %	67.2 %	70.8 %	69.7 %

	As at June 30, 2018			As at March 31, 2018			As at December 31, 2017		
	Uninsured loans ⁽²⁾	Home equity lines of credit and related loans ⁽³⁾	Total uninsured	Uninsured loans ⁽²⁾	Home equity lines of credit and related loans ⁽³⁾	Total uninsured	Uninsured loans ⁽²⁾	Home equity lines of credit and related loans ⁽³⁾	Total uninsured
(average loan-to-value ratio, by geographic area)									
Quebec	68.2 %	70.6 %	69.6 %	68.2 %	70.6 %	69.8 %	68.0 %	70.1 %	69.4 %
Ontario	68.4	70.0	69.2	70.1	69.7	69.9	69.8	68.6	69.1
Other ⁽⁴⁾	75.1	57.8	66.1	76.7	73.6	75.0	61.5	75.7	66.1
All geographic areas	68.2 %	70.5 %	69.6 %	68.4 %	70.6 %	69.8 %	68.1 %	70.0 %	69.3 %

	As at September 30, 2017			As at June 30, 2017			As at March 31, 2017		
	Uninsured loans ⁽²⁾	Home equity lines of credit and related loans ⁽³⁾	Total uninsured	Uninsured loans ⁽²⁾	Home equity lines of credit and related loans ⁽³⁾	Total uninsured	Uninsured loans ⁽²⁾	Home equity lines of credit and related loans ⁽³⁾	Total uninsured
(average loan-to-value ratio, by geographic area)									
Quebec	67.6 %	70.7 %	69.8 %	68.0 %	70.4 %	69.6 %	68.0 %	69.4 %	68.9 %
Ontario	66.7	68.3	67.6	73.3	68.5	70.5	74.3	69.6	71.3
Other ⁽⁴⁾	69.1	71.5	70.6	75.5	66.2	71.4	73.9	69.8	71.8
All geographic areas	67.5 %	70.6 %	69.7 %	68.3 %	70.3 %	69.6 %	68.3 %	69.4 %	69.0 %

⁽¹⁾ Caisses in Ontario are not legally subject to the AMF rules but are instead subject to the Deposit Insurance Corporation of Ontario's rules.

⁽²⁾ Conventional term mortgages and amortized consumer loans secured by a property with up to four units.

⁽³⁾ Home equity lines of credit including related amortized loans and consumer lines of credit secured by a property with up to four units.

⁽⁴⁾ Represents the geographic areas of Canada other than Quebec and Ontario.

Table 26 – Remaining amortization period for residential mortgage loans

Caisse network in Quebec and Ontario⁽¹⁾

(in millions of dollars in gross loans and as a percentage of total by remaining amortization category)	Total amortized loans									
	As at March 31, 2019		As at December 31, 2018		As at September 30, 2018		As at June 30, 2018		As at March 31, 2018	
0-10 years	\$ 2,790	3.0 %	\$ 2,822	3.0 %	\$ 2,803	3.0 %	\$ 2,759	3.0 %	\$ 2,699	3.1 %
10-20 years	17,540	18.7	17,503	18.8	17,353	18.8	17,117	18.8	16,800	19.0
20-25 years	64,527	68.9	64,143	68.8	63,451	68.6	62,408	68.4	59,953	67.8
25-30 years	6,987	7.5	6,949	7.5	6,913	7.5	6,878	7.6	6,879	7.8
30-35 years	1,480	1.6	1,514	1.6	1,544	1.7	1,601	1.8	1,674	1.9
35 years or more	320	0.3	324	0.3	326	0.4	327	0.4	338	0.4
All amortization periods	\$ 93,644	100.0 %	\$ 93,255	100.0 %	\$ 92,390	100.0 %	\$ 91,090	100.0 %	\$ 88,343	100.0 %

(in millions of dollars in gross loans and as a percentage of total by remaining amortization category)	Total amortized loans							
	As at December 31, 2017		As at September 30, 2017		As at June 30, 2017		As at March 31, 2017	
0-10 years	\$ 2,713	3.1 %	\$ 2,709	3.1 %	\$ 2,671	3.1 %	\$ 2,625	3.2 %
10-20 years	16,734	19.1	16,673	19.3	16,512	19.4	16,414	19.7
20-25 years	59,434	67.7	58,153	67.3	57,029	67.0	54,930	65.9
25-30 years	6,863	7.8	6,838	7.9	6,854	8.0	7,022	8.4
30-35 years	1,708	1.9	1,761	2.0	1,809	2.1	1,884	2.3
35 years or more	340	0.4	350	0.4	361	0.4	376	0.5
All amortization periods	\$ 87,792	100.0 %	\$ 86,484	100.0 %	\$ 85,236	100.0 %	\$ 83,251	100.0 %

⁽¹⁾ Caisses in Ontario are not legally subject to the AMF rules but are instead subject to the Deposit Insurance Corporation of Ontario's rules.

GLOSSARY

Acceptance

Short-term debt security traded on the money market, guaranteed by a financial institution for a borrower in exchange for a stamping fee.

Allowance for credit losses

The loss allowance for expected credit losses reflects an unbiased amount, based on a probability-weighted present value of cash flow shortfalls, and takes into account reasonable and supportable information about past events, current conditions and forecasts of future economic conditions.

Autorité des marchés financiers (AMF)

Organization whose mission is to enforce the laws governing the financial industry in Quebec, particularly in the areas of insurance, securities, deposit-taking institutions and financial product and service distribution.

Capital ratios

Regulatory Tier 1A capital, Tier 1 capital or total regulatory capital divided by risk-weighted assets. These measures are governed by the guidelines issued by the AMF, which are based on the standards developed by the Basel Committee on Banking Supervision.

Commitment

- Direct commitment

Any agreement entered into by a Desjardins Group component with a natural or legal person creating a on- or off-balance sheet exposure, either disbursed or non-disbursed, revocable or irrevocable, with or without condition, that may lead to losses for the component if the debtor is unable to meet its obligations.

- Indirect commitment

Any financial receivable creating a credit exposure that is acquired by a Desjardins Group component in connection with a purchase on the market or the delivery of a financial asset pledged as collateral by a client or a counterparty, whose value may change in particular as a result of the deterioration of the creditworthiness of the counterparty associated to this receivable or changes in market prices.

Counterparty and issuer risk

Credit risk related to different types of securities, derivative financial instruments and securities lending transactions.

Credit-impaired loan

A financial asset is credit impaired when one or more events that have a detrimental impact on the estimated cash flows of that financial asset have occurred or when contractual payments are 90 days past due.

Credit risk

Risk of losses resulting from a borrower's, guarantor's, issuer's or counterparty's failure to honour its contractual obligations, whether or not such obligations appear on the Combined Balance Sheets.

Credit valuation adjustment

Adjustment representing the market value of a potential loss on over-the-counter derivatives due to counterparty risk.

Expected loss (EL)

Measure of the expected loss on a given portfolio over a one-year period. It is equal to the product of the three credit risk parameters, PD, EAD and LGD.

Exposure at default (EAD)

Estimate of the amount of a given exposure at time of default. For balance sheet exposures, it corresponds to the balance as at observation time. For off-balance sheet exposures, it includes an estimate of additional draws that may be made between observation time and default.

Exposures related to residential mortgage loans

In accordance with the regulatory capital framework, risk category that includes mortgage loans and credit margins secured by real property granted to individuals.

Fair value

Price that would be received to sell an asset or paid to transfer a liability in an orderly transaction at the measurement date.

Incremental risk charge (IRC)

Additional capital charge related to default and migration risks of positions with issuer risk in trading portfolios.

Internal Model Method

Approach used to calculate, with internal models, risk-weighted assets for the four areas of market risk: interest rate risk, equity price risk, foreign exchange risk and commodity risk. The calculation is based on different risk measures, such as Value at Risk, stressed Value at Risk and the incremental risk charge (IRC).

Internal Ratings-Based Approach

Approach under which risk weighing is based on the type of counterparty (individuals, small or medium-sized business, large corporation, etc.) and risk-weighting factors determined using internal parameters: the borrower's probability of default, loss given default, effective maturity and exposure at default.

Leverage ratio

Ratio calculated as the capital measure (namely Tier 1 capital) divided by the exposure measure. The exposure measure includes: 1) on-balance sheet exposures; 2) securities financing transaction exposures; 3) derivative exposures; and 4) off-balance sheet items.

Loss given default (LGD)

Economic loss that may be incurred should the borrower default, expressed as a percentage of exposure at default.

Market risk

Risk of changes in the fair value of financial instruments resulting from fluctuations in the parameters affecting this value, in particular, interest rates, exchange rates, credit spreads and their volatility.

Off-balance sheet exposure

Includes guarantees, commitments, derivatives and other contractual agreements whose total notional amount may not be recognized on the balance sheet.

Operational risk

Risk of inadequacy or failure attributable to processes, people, internal systems or external events and resulting in losses, failure to achieve objectives or a negative impact on reputation.

Other retail client exposures

In accordance with the regulatory capital framework, risk category that includes all loans granted to individuals except for exposures related to residential mortgage loans and qualifying revolving retail client exposures.

Probability of default (PD)

Probability that a borrower defaults on his obligations over a period of one year.

Qualifying revolving retail client exposures

In accordance with the regulatory capital framework, risk category that includes credit card loans and unsecured credit margins granted to individuals.

Regulatory capital

In accordance with the definition set out in the guideline on adequacy of capital base standards applicable to financial services cooperatives issued by the AMF, the regulatory capital under Basel III comprises Tier 1A capital, Tier 1 capital and Tier 2 capital. The composition of these various tiers is presented in the "Capital management" section of the Management's Discussion and Analysis.

Regulatory funds

Funds needed to cover unexpected losses, calculated according to parameters and methods prescribed by regulatory authorities.

Repurchase agreement

Agreement involving both the sale of securities for cash and the repurchase of these securities for value at a later date. This type of agreement represents a form of short-term financing.

Reverse repurchase agreement

Agreement involving both the purchase of securities for cash and the sale of these securities for value at a later date. This type of agreement represents a form of short-term financing.

Risk-weighted assets

Assets adjusted based on a risk-weighting factor prescribed by regulations to reflect the level of risk associated with items presented in the Combined Balance Sheets. Some assets are not weighted, but rather deducted from capital. The calculation method is defined in the AMF guidelines. For more details, see the "Capital management" section of the Management's Discussion and Analysis.

Scaling factor

Adjustment representing 6.0% of assets valued according to the Internal Ratings-Based Approach, applied to credit exposures in compliance with section 1.3 of the AMF guideline on the capital adequacy standards applicable to financial services cooperatives.

Securitization

Process by which financial assets, such as mortgage loans, are converted into asset-backed securities and transferred to a trust.

Standardized Approach

- Credit risk
Default approach used to calculate risk-weighted assets. Under this method, the financial institution uses valuations performed by external credit assessment institutions recognized by the AMF to determine the risk-weighting factors related to the various exposure categories.
- Market risk
Default approach used to calculate risk-weighted assets for the four areas of market risk: interest rate risk, equity price risk, foreign exchange risk and commodity risk. The calculation is based on predefined rules such as those on the size and nature of the financial instruments held.
- Operational risk
Risk measurement approach used to assess the capital charge for operational risk. For this measurement, activities are divided into predefined business lines for a financial institution. The capital charge is calculated by multiplying each business line's gross income by a specific factor. The total capital charge represents the three-year average of the summation of the capital charges across each of the business lines in each year.

Unused exposure

Amount of credit authorizations offered in the form of margins or loans that is not yet used.

Used exposure

Amount of funds invested in or advanced to a member or client.

Value at Risk (VaR)

Estimate of the potential loss over a certain period of time at a given confidence level, calculated using historical data for a one-year interval.