SUSTAINABLE GROWTH

iA Financial Corporation Inc.

Interim Condensed Consolidated Financial Statements

For the Second Quarter of 2019

As at June 30, 2019 and 2018



Interim Condensed Consolidated Financial Statements (unaudited)

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Consolidated Income Statements

(Unaudited, in millions of dollars, unless otherwise indicated)	Quarters ended June 30		Six months ended June 30		
	2019	2018	2019	2018	
	\$	\$	\$	\$	
Revenues					
Premiums					
Gross premiums	2,186	2,066	4,727	4,420	
Premiums ceded	(203)	(216)	(389)	(384	
Net premiums (Note 14)	1,983	1,850	4,338	4,036	
Investment income (Note 3)					
Interest and other investment income	328	325	654	650	
Change in fair value of investments	1,343	160	3,179	(214	
	1,671	485	3,833	436	
Other revenues	425	438	835	873	
	4,079	2,773	9,006	5,345	
Policy benefits and expenses					
Gross benefits and claims on contracts	1,442	1,346	2,936	2,739	
Ceded benefits and claims on contracts	(125)	(145)	(242)	(257	
Net transfer to segregated funds	196	171	420	486	
Increase in insurance contract liabilities	1,550	351	3,900	301	
Increase in investment contract liabilities	7	2	21	3	
Decrease (increase) in reinsurance assets	(41)	33	(80)	99	
	3,029	1,758	6,955	3,371	
Commissions	410	411	795	820	
General expenses	353	332	714	656	
Premium and other taxes	32	31	64	62	
Financing charges	14	16	29	33	
	3,838	2,548	8,557	4,942	
Income before income taxes	241	225	449	403	
Income taxes (Note 13)	54	59	104	94	
Net income	187	166	345	309	
Net income attributed to participating policyholders	_	1	1	1	
Net income attributed to shareholders	187	165	344	308	
Dividends attributed to preferred shares issued by a subsidiary (Note 10)	6	6	12	10	
Net income attributed to common shareholders	181	159	332	298	
Earnings per common share (in dollars) (Note 15)					
Basic	1.70	1.45	3.10	2.75	
Diluted	1.69	1.44	3.09	2.73	
Weighted average number of shares outstanding (in millions of units) (Note 15)					
Basic	107	110	107	109	
Diluted	107	110	108	109	
Dividends per common share (in dollars) (Note 9)	0.45	0.38	0.87	0.76	
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Consolidated Comprehensive Income Statements

(Unaudited, in millions of dollars)	Quarters er June 30		Six months ended June 30	
	2019	2018	2019	2018
	\$	\$	\$	\$
Net income	187	166	345	309
Other comprehensive income, net of income taxes				
Items that may be reclassified subsequently to net income:				
Available for sale financial assets				
Unrealized gains (losses) on available for sale financial assets	20	(9)	90	(24)
Reclassification of gains on available for sale financial assets included in net income	(7)	(1)	(9)	(3)
	13	(10)	81	(27)
Net investment hedge				
Unrealized (losses) gains on currency translation in foreign operations	(26)	19	(51)	46
Hedges of net investment in foreign operations	21	(17)	41	(38)
	(5)	2	(10)	8
Cash flow hedge				
Unrealized losses on cash flow hedges	(1)	_	(2)	_
Reclassification of gains on cash flow hedges included in net income	_	_	-	(1)
	(1)	_	(2)	(1)
Items that will not be reclassified subsequently to net income:				
Remeasurement of post-employment benefits	(35)	53	(57)	39
Total other comprehensive income	(28)	45	12	19
Comprehensive income	159	211	357	328
Comprehensive income attributed to participating policyholders	_	1	1	1
Comprehensive income attributed to shareholders	159	210	356	327

Income Taxes Included in Other Comprehensive Income

(Unaudited, in millions of dollars)	Quarters ended June 30		Six months ended June 30	
	2019	2018	2019	2018
	\$	\$	\$	\$
Income tax recovery (expense) related to:				
Items that may be reclassified subsequently to net income:				
Unrealized (losses) gains on available for sale financial assets	(6)	3	(31)	8
Reclassification of gains on available for sale financial assets included in net income	2	_	4	1
Hedges of net investment in foreign operations	(4)	3	(7)	7
	(8)	6	(34)	16
Items that will not be reclassified subsequently to net income:				
Remeasurement of post-employment benefits	12	(19)	20	(14)
Total income tax recovery (expense) included in other comprehensive income	4	(13)	(14)	2

Consolidated Statements of Financial Position

(In millions of dollars)	As at June 30	As at December 31
	2019	2018
	(unaudited)	
	\$	\$
Assets		
Cash and short-term investments	873	1,046
Bonds	26,292	23,592
Stocks	2,810	3,055
Mortgages and other loans	3,796	3,661
Derivative financial instruments (Note 6)	1,205	225
Policy loans	907	951
Other invested assets	376	329
Investment properties	1,729	1,720
Total investments (Note 3)	37,988	34,579
Other assets	2,233	2,172
Reinsurance assets	1,059	1,001
Fixed assets	402	277
Deferred income tax assets	29	26
Intangible assets	1,092	1,071
Goodwill	629	633
General fund assets	43,432	39,759
Segregated funds net assets (Note 7)	26,389	23,781
Total assets	69,821	63,540
Liabilities		
Insurance contract liabilities	29,790	25,940
Investment contract liabilities	618	630
Derivative financial instruments (Note 6)	262	429
Other liabilities	5,981	5,875
Deferred income tax liabilities	271	266
Debentures	651	901
General fund liabilities	37,573	34,041
Segregated funds liabilities (Note 7)	26,389	23,781
Total liabilities	63,962	57,822
Equity		
Share capital and contributed surplus	1,655	1,678
Preferred shares issued by a subsidiary (Note 10)	525	525
Retained earnings and accumulated other comprehensive income	3,633	3,470
Participating policyholders' accounts	46	45
	5,859	5,718
Total liabilities and equity	69,821	63,540

Consolidated Equity Statements

(Unaudited, in millions of dollars)	As at June 30, 2019						
	Participating policyholders' accounts	Common shares	Preferred shares issued by a subsidiary	Contributed surplus	Retained earnings	Accumulated other comprehensive income	Total
		(Note 9)	(Note 10)			(Note 11)	
	\$	\$	\$	\$	\$	\$	\$
Balance as at December 31, 2017	41	1,521	375	19	3,073	49	5,078
Impact of adopting IFRS-15		_	_	_	(20)	_	(20
Balance as at January 1, 2018	41	1,521	375	19	3,053	49	5,058
Net income attributed to shareholders	_	_	_	_	634	_	634
Net income attributed to participating policyholders' accounts	4	_	_	_	_	_	4
Other comprehensive income	_	_	_	_	_	(36)	(36
Comprehensive income for the year	4	_	_	_	634	(36)	602
Transfer of post-employment benefits	_	_	_	_	(10)	10	_
Equity transactions							
Stock option plan	_	_	_	5	_	-	5
Stock options exercised	-	_	-	(1)	_	-	(1
Common shares issued	_	151	_	_	_	_	151
Preferred shares issued by a subsidiary, net of issuance costs	_	_	150	_	(3)	_	147
Redemption of common shares	-	(17)	_	_	(33)	-	(50
Dividends on common shares	_				(173)	<u> </u>	(173
Dividends on preferred shares issued by a subsidiary	_		_	_	(21)	_	(21
Balance as at December 31, 2018	45	1,655	525	23	3,447	23	5,718
Net income attributed to shareholders		_	_	<u> </u>	344	<u> </u>	344
Net income attributed to participating policyholders' accounts	1	_	_	_	_	_	1
Other comprehensive income		_	_	_	_	12	12
Comprehensive income for the period	1	_	_	_	344	12	357
Transfer of post-employment benefits	_	_	-	_	(57)	57	
Other	-	_	<u> </u>		(3)	-	(3
Equity transactions							
Stock option plan	-	_	<u> </u>	2	_	-	2
Stock options exercised		_		(2)	_		(2
Common shares issued	–	15	—	—	_	—	15
Redemption of common shares		(38)			(86)	-	(124
Dividends on common shares	-		-	-	(92)	-	(92
Dividends on preferred shares issued by a subsidiary		_			(12)		(12
Balance as at June 30, 2019	46	1,632	525	23	3,541	92	5,859

(Unaudited, in millions of dollars)

As at June 30, 2018

	Participating policyholders' accounts	Common shares	Preferred shares issued by a subsidiary	Contributed surplus	Retained earnings	Accumulated other comprehensive income	Total
						(Note 11)	
	\$	\$	\$	\$	\$	\$	\$
Balance as at December 31, 2017	41	1,521	375	19	3,073	49	5,078
Impact of adopting IFRS-15	_	_	_	_	(20)	_	(20)
Balance as at January 1, 2018	41	1,521	375	19	3,053	49	5,058
Net income attributed to shareholders	_	_	_	_	308	_	308
Net income attributed to participating policyholders' accounts	1	_	_	_	_	<u> </u>	1
Other comprehensive income	_	_	_	_	_	19	19
Comprehensive income for the period	1	_	_	_	308	19	328
Transfer of post-employment benefits	_	_	_	_	39	(39)	_
Equity transactions							
Stock option plan	_	_	_	2	_	_	2
Common shares issued	_	149	_	_	_	_	149
Preferred shares issued by a subsidiary, net of issuance costs	_	_	150	_	(3)	_	147
Dividends on common shares	_	_	<u> </u>	_	(82)	_	(82)
Dividends on preferred shares issued by a subsidiary	_	_	<u> </u>	_	(10)	<u> </u>	(10)
Balance as at June 30, 2018	42	1,670	525	21	3,305	29	5,592

Consolidated Cash Flows Statements

(Unaudited, in millions of dollars)	Six months of June 30		
	2019	2018	
	\$	\$	
Cash flows from operating activities			
Income before income taxes	449	403	
Financing charges	29	33	
Income taxes paid, net of refunds	(156)	(91	
Operating activities not affecting cash:			
Increase in insurance contract liabilities	3,920	332	
Increase (decrease) in investment contract liabilities	(12)	28	
Decrease (increase) in reinsurance assets	(61)	62	
Unrealized (gains) losses on investments	(3,175)	215	
Provisions for losses	19	10	
Amortization of premiums and discounts	8	15	
Other depreciation	119	78	
Other items not affecting cash	51	(90	
Operating activities affecting cash:			
Sales, maturities and repayments on investments	7,692	5,189	
Purchases of investments	(8,174)	(6,435	
Realized gains on investments	(19)	(9	
Other items affecting cash	(297)	79	
Net cash from (used in) operating activities	393	(181	
Cash flows from investing activities			
Acquisitions of businesses, net of cash	(2)	(221	
Purchases of fixed and intangible assets	(75)	(70	
Net cash used in investing activities	(77)	(291	
Cash flows from financing activities			
Issuance of common shares (Note 9)	13	147	
Redemption of common shares	(124)	_	
Issuance of preferred shares by a subsidiary (Note 10)	-	146	
Redemption of subordinated debentures	(250)	(11	
Reimbursement of lease liabilities	(7)	_	
Dividends paid on common shares	(92)	(82	
Dividends paid on preferred shares issued by a subsidiary	(12)	(10	
Interest paid on debentures	(13)	(16	
Interest paid on lease liabilities	(2)	_	
Net cash from (used in) financing activities	(487)	174	
Foreign currency (losses) gains on cash	(2)	4	
Decrease in cash and short-term investments	(173)	(294	
Cash and short-term investments at beginning	1,046	1,14	
Cash and short-term investments at end	873	84	
Supplementary information:			
Cash	501	626	
Short-term investments	372	221	
Total cash and short-term investments	873	847	

Notes to Interim Condensed Consolidated Financial Statements

Six months ended June 30, 2019 and 2018 (unaudited) (in millions of dollars, unless otherwise indicated)

1> General Information

iA Financial Corporation Inc. (iA Financial Corporation) is a holding company listed on the Toronto Stock Exchange and incorporated under the *Business Corporations Act* (Quebec). iA Financial Corporation and its subsidiaries (the "Company") offer a wide range of life and health insurance products, savings and retirement plans, mutual funds, securities, auto and home insurance, mortgages, and other financial products and services. The Company's products and services are offered on both an individual and group basis and extend throughout Canada and the United States.

On January 1, 2019, Industrial Alliance Insurance and Financial Services Inc. (iA Insurance) and iA Financial Corporation completed an operation pursuant to which iA Financial Corporation became the holding company that owns all the common shares of iA Insurance by way of a plan of arrangement under the *Companies Act* (Quebec) and the *Business Corporations Act* (Quebec) (the "arrangement") (Note 18).

The Company's Interim Consolidated Financial Statements are prepared on the basis of International Financial Reporting Standards (IFRS) in accordance with IAS-34 "Interim Financial Reporting", as issued by the International Accounting Standards Board (IASB). These Interim Consolidated Financial Statements do not contain all the information required in a complete annual financial statement and should be read in conjunction with the Consolidated Financial Statements for the year ended December 31, 2018, which are included in the 2018 Annual Report of Industrial Alliance Insurance and Financial Services Inc. As a "successor issuer", the significant accounting policies used to prepare these Interim Consolidated Financial Statements are consistent with those found in the 2018 Annual Report of Industrial Alliance Insurance and Financial Services Inc., except for items mentioned in Note 2.

Publication of these Interim Consolidated Financial Statements was authorized for issue by the Company's Board of Directors on August 1, 2019.

2 > Changes in Accounting Policies

New Accounting Policies Applied

These standards or amendments apply to financial statements beginning on or after January 1, 2019.

Standards or amendments	Description of the standards or amendments and impacts on financial statements of the Company
IFRS-4 "Insurance Contract"	 Description: On September 12, 2016, the IASB published an amendment to IFRS-4 "Insurance Contract". This amendment, "Applying IFRS-9 Financial Instruments with IFRS-4 Insurance Contract", provides two options to entities applying IFRS-4: the deferral approach is an optional temporary exemption from applying IFRS-9 until January 1, 2021 for entities whose predominant activity is issuing contracts within the scope of IFRS-4; the overlay approach permits entities to adopt IFRS-9 but adjust some of the impacts arising from designated financial assets, those being assets related to the insurance contract liabilities. On November 14, 2018, the IASB decided to propose extending the deferral approach until January 1, 2022. This decision is subject to public consultation currently underway. Status: The Company met all criteria and chose the deferral approach, as described below. The Company will apply IFRS-9 only to financial statements beginning on January 1, 2021, or January 1, 2022 if approved.
IFRS-16 "Leases"	Description: On January 13, 2016, the IASB published the standard IFRS-16 "Leases", which replaces the standard IAS-17 "Leases". This new standard specifies: • how to recognize, measure, present and disclose leases; • for the lessee: • the requirement to recognize assets and liabilities for all leases; • unless the lease term is 12 months or less or the underlying asset has a low value; • for the lessor: • that the accounting remains substantially unchanged. Impact: The Company has applied this new standard as of January 1, 2019 and the impact is described below.
IAS-19 "Employee Benefits"	Description: On February 7, 2018, the IASB published an amendment to IAS-19 "Employee Benefits". The amendment "Plan Amendment, Curtailment or Settlement" clarifies, for defined benefit pension plans, when changes require a revaluation of the net cost of assets and liabilities involved. The amendment requires the entity to use the adjusted assumptions resulting from the reassessment to determine the cost of services rendered during the period and the net interest for the period following the changes made to the pension plans or the revaluation. This amendment applies prospectively. Impact: No impact on the Company's financial statements.

IFRIC-23 "Uncertainty over Income Tax Treatments"	Description: On June 7, 2017, the IASB published Interpretation IFRIC-23, "Uncertainty over Income Tax Treatments". This interpretation clarifies how to apply the recognition and measurement requirement in IAS-12 "Income Taxes" when there is uncertainty over income tax treatments. This interpretation applies to the determination of taxable profit (taxable loss), tax bases, unused tax losses, unused tax credits and tax rates when there is doubt as to the tax treatments to be used in accordance with IAS-12. Impact: No impact on the Company's financial statements.
IAS-28 "Investments in Associates and Joint Ventures"	Description: On October 12, 2017, the IASB published an amendment to IAS-28 "Investments in Associates and Joint Ventures". The amendment "Long-term Interest in Associates and Joint Ventures" clarifies the situation where an entity applies the equity method and owns long-term interests that meet the criteria to be qualified in substance as long-term net investments. This amendment applies more specifically to shares when there are losses that must be absorbed by long-term interests. Impact: No impact on the Company's financial statements.
Annual Improvements to IFRSs 2015-2017 Cycle	 Description: In December 2017, the IASB published the Annual Improvements to IFRSs 2015-2017 Cycle. The Annual Improvements clarify situations specific to four standards: IFRS-3 "Business Combinations" related to the fact that a business combination achieved in stages is applicable when a party to a joint arrangement obtains control of a business that is a joint operation, and this improvement will apply prospectively; IFRS-11 "Joint Arrangements" related to the fact that an interest previously owned by an entity in a joint operation is not remeasured when the entity obtains joint control of the joint operation, and this improvement will apply prospectively; IAS-12 "Income Taxes" related to the recognition of income taxes on dividend liabilities to be paid, and this improvement will apply retrospectively; IAS-23 "Borrowing Costs" related to the fact that an entity shall exclude from the calculation of capitalized borrowing costs the borrowing costs for the period during the completion of the assets, and this improvement will apply prospectively. Impact: No impact on the Company's financial statements.

Impact of the application of IFRS-16

The Company chose to apply this new standard on a modified retrospective basis as at January 1, 2019. As a result, the comparative figures are not restated. The Company also elected to use the simplification measure relating to the identification of leases at transition date. Accordingly, this standard has been applied to leases previously identified as such in accordance with IAS-17 "Leases" and IFRIC-4 "Determining whether an Arrangement Contains a Lease". The Company has also elected to use the exemption for lease periods with a term of 12 months or less, or those whose underlying asset has a low value. As a result, these leases are recognized in *General expenses*.

On January 1, 2019, the Company recognized right-of-use assets of \$140 and lease liabilities of \$142, calculated using a weighted average incremental borrowing rate of 3%. The Company also reversed a liability of \$2 that was presented in *Other liabilities*.

Reconciliation of lease liabilities as at January 1, 2019:

	\$
Commitments related to operating leases as at December 31, 2018	187
Exemptions related to short-term or low-value contracts	(1)
Variable costs and non-lease components	(74)
Extension options considered in the lease liabilities	72
	184
Effect of discount at the incremental borrowing rate as at January 1, 2019	(42)
Lease liabilities as at January 1, 2019	142

Right-of-use assets are recognized in *Fixed assets* and lease liabilities are recognized in *Other liabilities*. Therefore, the following new accounting policies apply:

Fixed assets

Right-of-use assets are recorded at cost less accumulated amortization. Right-of-use assets consist of fixed assets such as rental space and other assets arising from leases recognized at the commencement date of the contract, that is when the leased asset is made available for the Company. The Company calculates depreciation using the straight-line method. The depreciation period is based on the estimated useful life. Right-of-use assets are amortized over periods ranging from 2 to 30 years.

Other liabilities

Lease liabilities are recognized, from the commencement date of the contract, at the discounted value of the lease payments that have not yet been paid, discounted at the interest rate implicit in the lease, or if this rate is not available, at the incremental borrowing rate. Subsequently, lease liabilities are recorded at amortized cost using the effective interest method and the related interest expense is recognized in *Financing charges* in the Income Statement. Lease liabilities exclude amounts relating to variable lease payments or payments for which the Company is reasonably certain not to exercise. The Company has elected to recognize lease payments for short-term and low-value contracts on a straight-line basis over the lease term in *General expenses*.

Future Changes in Accounting Policies

Standards or amendments are presented on the basis of their publication date unless a more relevant approach allows for better information.

Standards or amendments	Description of the standards or amendments
IFRS-9 "Financial Instruments"	The Company adopted the amendment IFRS-4 "Insurance Contract", described in the section <i>New Accounting Policies Applied</i> . Consequently, even if the provisions of IFRS-9 applied to financial statements beginning on January 1, 2018, the Company will apply these provisions simultaneously to the application of the standard IFRS-17.
	Description: On July 24, 2014, the IASB published the standard IFRS-9 "Financial Instruments" which replaces the provisions of the standard IAS-39 "Financial Instruments: Recognition and Measurement". The standard IFRS-9:
	 requires financial assets to be measured at amortized cost or at fair value on the basis of the entity's business model for managing assets; changes the accounting for financial liabilities measured using the fair value option; proposes a new accounting model related to the recognition of expected credit losses, requiring the entity to recognize expected credit losses on financial assets using current estimates of expected shortfalls in cash flows on those instruments as at the reporting date; modifies the hedge accounting model, which aims to present in the financial statements the effect of risk management activities. The provisions of this new standard will apply retrospectively or on a modified retrospective basis. On October 12, 2017, the IASB published an amendment to IFRS-9 "Financial Instruments". The amendment "Prepayment Features with Negative Compensation" enables entities to measure at amortized cost some prepayable financial assets with so-called negative compensation.
	Status: The Company is evaluating the impact of this standard on its financial statements.
IFRS-17 "Insurance Contracts"	 Description: On May 18, 2017, the IASB published the standard IFRS-17 "Insurance Contracts" which replaces the provisions of the standard IFRS-4 "Insurance Contracts". The standard IFRS-17: has an objective to ensure that an entity provides relevant information that faithfully represents those contracts and gives a basis for users of financial statements to assess the effect that insurance contracts have on the financial position, income statement and cash flows statement; establishes the principles for recognition, measurement, presentation and disclosure; defines a general model and a variable fee approach applicable to all insurance contracts and reinsurance contracts to measure the insurance contract liabilities; defines a specific model for contracts of one year or less. The provisions of this new standard will apply retrospectively to each group of insurance contracts and, if and only if impracticable, an entity shall apply the modified retrospective or fair value approach to financial statements beginning on or after January 1, 2021. Early adoption is permitted if IFRS-9 "Financial Instruments" and IFRS-15 "Revenue from Contracts with Customers" are previously applied. On November 14, 2018, the IASB decided to propose extending the date of application to financial statements beginning on or after January 1, 2022. This decision is subject to public consultation currently underway. Status: The Company is evaluating the impact on presentation, disclosure and measurement of the insurance contract liabilities that this standard will have on its financial statements.
Conceptual Framework for Financial Reporting	Description: On March 29, 2018, the IASB published a revised version of the Conceptual Framework for Financial Reporting. The IASB decided to revise the Conceptual Framework because important issues were not addressed and some indications were outdated or unclear. This revised version includes, among other things, a new chapter on valuation, guidance on the presentation of financial performance and improved definitions of an asset and a liability and guidance in support of those definitions. The Conceptual Framework helps entities to develop their accounting method when no IFRS is applicable to a specific situation. The provisions will apply prospectively to financial statements beginning on or after January 1, 2020. Early adoption is permitted.
	Status: The Company is currently evaluating the impact of this revised version on its financial statements.

IFRS-3 "Business Combinations"	Description: On October 22, 2018, the IASB published an amendment to the standard IFRS-3 "Business Combinations". The amendment "Definition of a Business" clarifies the definition of a business, with the objective of assisting entities to determine whether a transaction should be accounted for as a business combination or as an asset acquisition. The provisions of this amendment will apply prospectively to transactions for which the acquisition date is on or after January 1, 2020. Early adoption is permitted. Status: The Company is currently evaluating the impact of this amendment on its financial statements.
IAS-1 "Presentation of Financial Statements" and IAS-8 "Accounting Policies, Changes in Accounting Estimates and Errors"	Description: On October 31, 2018, the IASB published an amendment to IAS-1 "Presentation of Financial Statements" and IAS-8 "Accounting Policies, Changes in Accounting Estimates and Errors". The amendment "Definition of Material" clarifies the definition of material in IAS-1 and the explanation accompanying that definition and aligns the definitions used across IFRS standards. The provisions of this amendment will apply prospectively to financial statements beginning on or after January 1, 2020. Early adoption is permitted. Status: The Company is currently evaluating the impact of this amendment on its financial statements.

Information on the Deferral of the Application of IFRS-9 "Financial Instruments"

The Company applies IFRS-4 "Insurance Contracts" in its operations. This standard was amended in 2016 to allow entities that apply IFRS-4 to defer the application of IFRS-9 "Financial Instruments" if total liabilities for insurance activities represent more than 90% of the entity's total liabilities. This calculation is made as of the closing date preceding April 1, 2016, the calculation date identified in the standard.

For this calculation, the Company primarily considered insurance contract liabilities, investment contract liabilities, segregated funds liabilities and debentures as at December 31, 2015. Liabilities related to its insurance activities are greater than 90% of total liabilities.

The Company has decided to defer the application of IFRS-9 until January 1, 2021 (or January 1, 2022 if the proposition is accepted), when IFRS-17 "Insurance Contracts", which includes the valuation of these policies, becomes effective. If the Company had applied IFRS-9, this would not have had a significant impact on the classification of financial assets designated at fair value through profit or loss in accordance with IAS-39 "Financial Instruments: Recognition and Measurement" given the very close relationship between invested assets and insurance contract liabilities. For financial assets classified as loans and receivables or available for sale as at June 30, 2019, an amount of \$844 does not meet the solely payments of principal and interest test in accordance with IFRS-9. In addition, for mortgages, the Company cannot use the low credit risk exemption in the calculation of expected credit losses.

3) Invested Assets and Investment Income

a) Carrying Value and Fair Value

As at June 30, 2019

	A3 at Julie 30, 2013						
	At fair value through profit or loss	Available for sale	Loans and receivables	Other	Total	Fair value	
	\$	\$	\$	\$	\$	\$	
Cash and short-term investments	450	<u> </u>	423	<u> </u>	873	873	
Bonds							
Governments	11,411	1,673	112	_	13,196		
Municipalities	1,160	149	40	_	1,349		
Corporate and other	8,105	1,537	2,105	_	11,747		
	20,676	3,359	2,257	_	26,292	26,563	
Stocks							
Common	1,474	32	_	_	1,506		
Preferred	185	370	_	_	555		
Stock indexes	216	51	_	_	267		
Investment fund units	475	7	_	_	482		
	2,350	460	-	_	2,810	2,810	
Mortgages and other loans							
Insured mortgages							
Residential	_	_	876	_	876		
Multi-residential	-	_	1,444	_	1,444		
Non-residential	_	_	6	_	6		
	_	_	2,326	_	2,326		
Conventional mortgages							
Residential	_	_	256	_	256		
Multi-residential	68	_	167	_	235		
Non-residential	29	_	235	_	264		
	97	_	658	_	755		
Other loans	_	_	715	_	715		
	97	_	3,699	_	3,796	3,885	
Derivative financial instruments	1,205	_	_	_	1,205	1,205	
Policy loans	_	_	907	_	907	907	
Other invested assets	_	_	6	370	376	376	
Investment properties			_	1,729	1,729	1,747	
Total	24,778	3,819	7,292	2,099	37,988	38,366	
		-					

As at December 31, 2018

	AS at December 31, 2016						
	At fair value through profit or loss	Available for sale	Loans and receivables	Other	Total	Fair value	
	\$	\$	\$	\$	\$	\$	
Cash and short-term investments	465		581	_	1,046	1,046	
Bonds							
Governments	9,857	1,996	118	<u>—</u>	11,971		
Municipalities	1,045	110	40	_	1,195		
Corporate and other	6,721	1,725	1,980	_	10,426		
	17,623	3,831	2,138	_	23,592	23,733	
Stocks							
Common	1,793	31	_	_	1,824		
Preferred	177	320	-	_	497		
Stock indexes	236	77	_	_	313		
Investment fund units	415	6		_	421		
	2,621	434		_	3,055	3,055	
Mortgages and other loans							
Insured mortgages							
Residential	_	_	859	_	859		
Multi-residential	-	_	1,427	-	1,427		
Non-residential			6		6		
	_	_	2,292	_	2,292		
Conventional mortgages							
Residential	-	-	221	_	221		
Multi-residential	60	_	174	_	234		
Non-residential	30	_	222	_	252		
	90	_	617	_	707		
Other loans	<u> </u>	_	662	_	662		
	90	_	3,571	_	3,661	3,705	
Derivative financial instruments	225	<u> </u>	_	_	225	225	
Policy loans	_	_	951		951	951	
Other invested assets		<u> </u>	7	322	329	329	
Investment properties	_	_	_	1,720	1,720	1,738	
Total	21,024	4,265	7,248	2,042	34,579	34,782	

The At fair value through profit or loss category includes securities held for trading, mainly derivative financial instruments and short-term investments as well as securities designated at fair value through profit or loss. Other invested assets are made up of notes receivable, and investments in associates and joint ventures accounted for using the equity method.

b) Investments in Associates and Joint Ventures

The Company holds interests ranging from 25% to 33% (ranging from 25% to 30% as at December 31, 2018). The carrying value of those investments as at June 30, 2019 is \$370 (\$322 as at December 31, 2018). The share of net income and comprehensive income for the six months ended June 30, 2019 amounts to \$11 (\$10 for the six months ended June 30, 2018).

c) Investment Income

		Quarters ended June 30		ended
	2019	2018	2019	2018
	\$	\$	\$	\$
Interest	242	239	478	475
Dividends	32	38	60	67
Derivative financial instruments	3	4	8	10
Rental income	48	38	96	79
Gains realized	8	2	19	9
Variation in provisions for losses	(11)	(5)	(19)	(10)
Other	6	9	12	20
Interest and other investment income	328	325	654	650
Cash and short-term investments	2	1	4	1
Bonds	912	26	2,090	(171)
Stocks	11	80	130	25
Mortgages and other loans	(1)	2	(2)	3
Derivative financial instruments	416	16	973	(103)
Investment properties	(2)	32	(10)	29
Other	5	3	(6)	2
Change in fair value of investments	1,343	160	3,179	(214)
Total	1,671	485	3,833	436

4 > Fair Value of Financial Instruments and Investment Properties

a) Methods and Assumptions Used to Estimate Fair Values

Fair value is the consideration that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. Management uses its judgment to determine the data used to measure the fair value of financial assets and liabilities, particularly for financial instruments classified as Level 3. Fair value of various categories of financial instruments and investment properties is determined as described below.

Financial Assets

Short-Term Investments - Carrying value of these investments represents the fair value due to their short-term maturity.

Bonds – Bonds are valued based on quoted price, observed on active markets for identical or similar assets. If prices are not available on active markets, fair value is estimated using current valuation methods, including a model based on discounting expected cash flows or other similar techniques. These methods take into account current data observable on the market for financial instruments that have a similar risk profile and comparable terms. The significant data used in these models include, but are not limited to, rate curves, credit risk, issuer spread, volatility and liquidity valuation and other reference data published by the market. Management uses its best estimates when such data are not available.

Stocks – Stocks are valued based on quote price, observed on active markets. If the price is not available on the active markets, fair value is determined using equity valuation models, which analyze the fair value of the net asset, and other techniques that rely on comparisons with reference data, such as market indices. Investment fund units are evaluated at the net asset value published by the fund manager.

Mortgages and Other Loans – The fair value of mortgages and other loans is estimated by discounting the cash flows with the interest rates currently prevailing on the market for loans with substantially the same credit risk and terms.

Derivative Financial Instruments – Fair value of derivative financial instruments is determined according to the type of derivative instrument. Fair value of derivative financial instruments, such as futures contracts and options traded on the stock exchanges is determined in accordance with quoted prices on active markets. Derivative financial instruments that are traded over the counter are valued using valuation models such as actualized cash flow analysis and other valuation models used on the market. These valuations are based on observable data on the market, including interest rates, foreign exchange rates, financial indices, rate differentials, credit risk and volatility.

Among derivative financial instruments, certain other derivative contracts are subject to trading restrictions. In such situations, an illiquidity premium based on data that are not observable in the market is used to ascertain the fair value of these derivative financial instruments. While these data are not observable, they are based on assumptions deemed appropriate given the circumstances. Once the restricted trading period ends, the instruments are valued using standard valuation models based on data observable in the market, as described previously. The Company's use of non-observable data is limited to the trading restrictions period, and their effect on the fair value of derivative financial instruments does not represent a significant amount.

Policy Loans – Policy loans are carried at amortized cost. They are guaranteed and may be reimbursed at any time. Their fair value approximates their carrying value due to their short-term nature.

Other Investments - The fair value of other investments is approximately the same as the carrying value due to the nature of these elements.

Other Assets - The fair value of the other financial assets is approximately the same as the carrying value due to their short-term nature.

Investment Properties

The fair value of investment properties is determined using various recognized methods and standards of assessment in the real estate sector. Among these methods, the income approach is the most popular, as it is based on an investor's behaviour in relation to income expectations generated by an investment property. Under this approach, discounting of the cash flows generated by an investment property is preferred as it measures the relationship between the market value and the reasonably discounted incomes over an investment horizon. Expected cash flows include contractual and projected income as well as the investment property's operating expenses. These cash flows reflect the interest, rental and occupancy rates established based on market studies, rental income expected from leases in effect and estimates of future cash inflows, including revenues projected for future leases, and estimates of future cash inflows made according to the current market circumstances. Future lease rates are estimated based on the location, current type and quality of the building, and market data and projections as of the date of the valuation. Fair values are usually compared to market information, including recent transactions for similar assets to verify their reasonableness. Highest and best use is one of the possible valuation methods. Highest and best use of a site is an integral part of the process to establish the fair value of an investment property. This use is use that, at the time of the appraisal, provides the highest fair value for the investment property. As a result, this use is determined by considering possible, legally admissible, financially feasible physical use achievable in the short term based on demand and must be tied to the likelihood of being achieved rather than to the simple possibility. Valuations are performed by external, independent, certified appraisers, or internally, on an annual basis.

Financial Liabilities

Other Liabilities – The fair value of other liabilities, except securitization liabilities and short-selling securities, is approximately the same as the carrying value due to their short-term nature.

The fair value of securitization liabilities is estimated by discounting cash flows with the interest rates currently prevailing on the market for new debts with substantially the same terms.

Short-selling securities, classified as held for trading, are measured using the observed market prices in active markets for identical or similar financial instruments. If quoted prices in active markets are not available, fair value is estimated using standard methods of assessment, such as a model based on discounted future cash flows or similar techniques. These methods take into account the current observable market data for financial instruments with a similar risk profile and comparable terms. Important data used in these models include, but are not limited to, yield curves, credit risk, issuer spreads, the measure of volatility and liquidity and other reference data published by the markets.

Debentures – The fair value of debentures classified as financial liabilities at amortized cost is estimated using a valuation model that takes into account instruments on the market that have substantially the same conditions. This fair value can fluctuate due to interest rates and credit risks associated with these instruments.

Derivative Financial Instruments – The fair value of derivative financial instruments recorded as financial liabilities is presented in Note 6 Derivative Financial Instruments and is equal to the carrying amounts reported in the negative fair value column. The fair value is determined according to the method and assumptions previously described in the Financial Assets section.

b) Hierarchy of the Fair Value

Disclosures regarding financial instruments and investment properties must be presented as a hierarchy that categorizes the inputs to valuation models used to measure the fair value of financial assets and financial liabilities. The hierarchy gives the highest priority to readily available unadjusted quoted prices in active markets for identical assets or liabilities and lowest priority to unobserved inputs. The three levels of the hierarchy are described below:

Level 1 – Valuation based on quoted prices in active markets (unadjusted) for identical assets or liabilities. Stocks traded on the market, among other things, are classified in Level 1.

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Level 3 – Valuation model based on valuation techniques that use largely unobservable market parameters and that reflect management's best estimates.

Most private placements are classified in Level 3.

If a financial instrument classified as Level 1 subsequently ceases to be actively traded, it is reclassified into Level 2. If the measurement of its fair value requires the use of significant unobservable inputs, it is directly reclassified into Level 3.

Assets

	As at June 30, 2019					
	Level 1	Level 2	Level 3	Total		
	\$	\$	\$	\$		
Recurring fair value assessments						
Cash and short-term investments						
Held for trading	_	450	-	450		
Bonds						
Designated at fair value through profit or loss						
Governments	359	11,052	_	11,411		
Municipalities	_	1,160	-	1,160		
Corporate and other	_	7,973	132	8,105		
	359	20,185	132	20,676		
Available for sale						
Governments	107	1,566	_	1,673		
Municipalities	_	149	_	149		
Corporate and other	-	1,526	11	1,537		
	107	3,241	11	3,359		
	466	23,426	143	24,035		
Stocks						
Designated at fair value through profit or loss	1,195	_	1,155	2,350		
Available for sale	61	370	29	460		
	1,256	370	1,184	2,810		
Mortgages and other loans						
Designated at fair value through profit or loss	_	97	_	97		
Derivative financial instruments						
Held for trading	172	1,033	_	1,205		
Investment properties	_	_	1,729	1,729		
General fund investments accounted at fair value	1,894	25,376	3,056	30,326		
Segregated funds financial instruments and investment properties	20,084	6,034	55	26,173		
Total financial assets at fair value	21,978	31,410	3,111	56,499		

	As at December 31, 2018				
	Level 1	Level 2	Level 3	Total	
	\$	\$	\$	\$	
Recurring fair value assessments					
Cash and short-term investments					
Held for trading	-	465	_	465	
Bonds					
Designated at fair value through profit or loss					
Governments	358	9,499	_	9,857	
Municipalities	_	1,045	_	1,045	
Corporate and other		6,581	140	6,721	
	358	17,125	140	17,623	
Available for sale					
Governments	185	1,811	_	1,996	
Municipalities	_	110		110	
Corporate and other		1,709	16	1,725	
	185	3,630	16	3,831	
	543	20,755	156	21,454	
Stocks					
Designated at fair value through profit or loss	1,487	_	1,134	2,621	
Available for sale	86	319	29	434	
	1,573	319	1,163	3,055	
Mortgages and other loans					
Designated at fair value through profit or loss	_	90	_	90	
Derivative financial instruments					
Held for trading	27	197	1	225	
Investment properties	_	_	1,720	1,720	
General fund investments accounted at fair value	2,143	21,826	3,040	27,009	
Segregated funds financial instruments and investment properties	17,852	5,894	47	23,793	
Total financial assets at fair value	19,995	27,720	3,087	50,802	

The Company uses unobservable inputs in the valuation of bonds and stocks classified into Level 3. Regarding bonds, unobservable inputs mainly correspond to credit and liquidity risk premiums ranging from 1.19% to 2.67% as at June 30, 2019 (1.40% to 3.25% as at December 31, 2018). Stocks classified into Level 3 are mainly valuated from information available in the financial statements of companies using models based on discounting expected cash flows as well as the use of multiples.

The main unobservable inputs used in the valuation of the investment properties as at June 30, 2019 are the discount rate, which is between 5.00% and 9.00% (5.00% and 9.00% as at December 31, 2018) and the terminal capitalization rate, which is between 4.25% and 7.00% (4.25% and 7.75% as at December 31, 2018). The discount rate is based on market activity by type of building and the location and reflects the expected rate of return to be realized on investments over the next 10 years. The terminal capitalization rate is based on market activity by type of building and location. This rate reflects the expected rate of return on the investment over the remaining life after the 10-year period. If all other factors remain constant, a decrease (increase) in the discount rate and terminal capitalization rate will lead to an increase (decrease) in fair value of investment properties.

Due to the unobservable nature of the main data used to measure bonds, stocks and investment properties classified in Level 3, the Company does not assess whether the application of other assumptions would have an impact on the fair value. Also, the investment properties as well as bonds and stocks classified as designated at fair value through profit or loss support the Company's insurance contract liabilities. Consequently, changes in fair value of these assets are offset by changes in the corresponding insurance contract liabilities under the Canadian Asset Liability Method (CALM). Even if the Company were to use possible alternative assumptions affecting fair value, this would not have a significant impact on the Financial Statements.

The following table presents assets recognized at fair value evaluated according to Level 3 parameters:

As at June 30, 2019

	Balance as at December 31,	Realized and unrealized gains (losses) included in	Realized and unrealized gains (losses) included in other comprehensive		Sales and	Transfers in (out) of	Balance as at	Total unrealized gains (losses) included in net income on investments
	2018	net income	income \$	Purchases \$	settlements \$	Level 3	June 30, 2019	still held
	3	Ą	a	Ą	Ą	ð	ð	
Bonds								
Designated at fair value through profit or loss	140	8	_	_	(16)	_	132	9
Available for sale	16	_	_	_	(5)	_	11	_
Stocks								
Designated at fair value through profit or loss	1,134	(29)	_	71	(21)	_	1,155	(29)
Available for sale	29	_	(1)	1	_	_	29	_
Derivative financial instruments								
Held for trading	1	_	_	_	(1)	_	_	_
Investment properties	1,720	(10)	_	23	(4)	_	1,729	(10)
General fund investments accounted at fair value	3,040	(31)	(1)	95	(47)	_	3,056	(30)
Segregated funds financial instruments and investment properties	47	1	_	8	(1)	_	55	1
Total	3,087	(30)	(1)	103	(48)	_	3,111	(29)

As at December 31, 2018

	Balance as at December 31, 2017	Realized and unrealized gains (losses) included in net income	Realized and unrealized gains (losses) included in other comprehensive income	Purchases	Sales and settlements	Transfers in (out) of Level 3	Balance as at December 31, 2018	Total unrealized gains (losses) included in net income on investments still held
	\$	\$	\$	\$	\$	\$	\$	\$
Bonds								
Designated at fair value through profit or loss	145	(2)	<u> </u>	_	(3)	_	140	(2)
Available for sale	15	_	1	_	_	_	16	_
Stocks								
Designated at fair value through profit or loss	902	74	_	235	(61)	(16)	1,134	77
Available for sale	18	_	2	9	_	_	29	-
Derivative financial instruments								
Held for trading	2	_	_	_	(1)	_	1	_
Investment properties	1,341	43	_	378	(42)	_	1,720	43
General fund investments accounted at fair value	2,423	115	3	622	(107)	(16)	3,040	118
Segregated funds financial instruments and Investment properties	22	_	_	27	(2)	_	47	
Total	2,445	115	3	649	(109)	(16)	3,087	118

For the period ended June 30, 2019, an amount of \$23 (\$46 for the year ended December 31, 2018) presented in *Purchases* for investment properties corresponds to capitalizations to *Investment properties*. *Sales and settlements* for investment properties include transfers of \$2 to fixed assets (\$7 for the year ended December 31, 2018).

Realized and unrealized gains (losses) included in net income and Total unrealized gains (losses) included in net income on financial instruments still held are presented in the Investment income in the Income Statement, except the value of segregated fund assets, which are not presented in the Income Statement, but are included in the change in segregated funds net assets in Note 7 Segregated Funds Net Assets. Realized and unrealized gains (losses) included in other comprehensive income are presented in Note 11 Accumulated Other Comprehensive Income in Unrealized gains (losses).

Fair Value Disclosed in the Notes

The Company classifies certain financial instruments as loans and receivables. These financial instruments are measured at amortized cost and fair value is disclosed in the notes. The following table shows the hierarchy level of such fair values:

	As at June 30, 2019				
	Level 1	Level 2	Level 3	Total	
	\$	\$	\$	\$	
Classified as loans and receivables					
Bonds					
Governments	-	8	136	144	
Municipalities	-	52	_	52	
Corporate and other	_	250	2,082	2,332	
	_	310	2,218	2,528	
Mortgages and other loans	_	3,788	_	3,788	
Total of assets classified as loans and receivables	_	4,098	2,218	6,316	

Ac at	December	21	2018
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Level 1	Level 2	Level 3	Total
\$	\$	\$	\$
-	9	128	137
_	48	_	48
_	251	1,843	2,094
_	308	1,971	2,279
	3,615	_	3,615
_	3,923	1,971	5,894
	Level 1 \$ — — — —	\$ \$ 9 48 251 308 3,615	\$ \$ \$ 9 128 48 251 1,843 308 1,971 3,615

Financial Liabilities

The following table presents financial liabilities measured at fair value on a recurring basis and those whose fair value is disclosed in a note by hierarchy level:

	Level 1	Level 2	Level 3	Total		
	\$	\$	\$	\$		
Recurring fair value assessments						
Other liabilities						
Held for trading	27	156	_	183		
Derivative financial instruments						
Held for trading	58	204	_	262		
Total of liabilities classified as held for trading	85	360	_	445		
Classified at amortized cost						
Other liabilities						
Securitization liabilities	<u>-</u>	1,226	_	1,226		
Debentures	<u> </u>	667	_	667		
Total of liabilities classified at amortized cost	<u> </u>	1,893	_	1,893		
		As at December 31, 2018				
	Level 1	Level 2	Level 3	Total		
	\$	\$	\$	\$		
Recurring fair value assessments						
Other liabilities						
Held for trading	48	127	_	175		
Derivative financial instruments						
Held for trading	10	388	31	429		
Total of liabilities classified as held for trading	58	515	31	604		
Classified at amortized cost						
Other liabilities						
Securitization liabilities	<u> </u>	1,154	_	1,154		
Debentures		899		899		
Total of liabilities classified at amortized cost	_	2,053	_	2,053		

5 > Management of Risks Associated with Financial Instruments

a) Impairment of Financial Assets Classified as Available for Sale

During the period ended June 30, 2019 and the year ended December 31, 2018, the Company did not reclassify any unrealized losses of stocks classified as available for sale from the *Other comprehensive income* to *Investment income* in the Income Statement.

Since the financial assets designated at fair value through profit or loss are matched, variations of fair value, other than those related to credit risk, are directly reflected in the *Increase* (decrease) in insurance contract liabilities, which prevents a disparity of the treatment in the net income. Only variations in the fair value related to credit events regarding cash flows would have an impact on the Company's net income.

The unrealized gains and losses on financial assets classified as available for sale and included in the Accumulated other comprehensive income are the following:

	As at June 30, 2019			As at December 31, 2018		
	Fair value	Unrealized losses	Unrealized gains	Fair value	Unrealized losses	Unrealized gains
	\$	\$	\$	\$	\$	\$
Bonds						
Governments	1,673	(1)	63	1,996	(6)	31
Municipalities	149	_	4	110	(1)	1
Corporate and other	1,537	(2)	57	1,725	(23)	7
	3,359	(3)	124	3,831	(30)	39
Stocks	460	(24)	6	434	(21)	8
Total	3,819	(27)	130	4,265	(51)	47

b) Credit Risk

Credit risk corresponds to the possibility that the Company will sustain a financial loss if a counterparty or a debtor does not meet their commitments.

b) i) Credit Quality Indicators Bonds by Investment Grade

	As at June 30, 2019	As at December 31, 2018
		g amount
	\$	\$
AAA	1,200	1,229
AA	9,342	8,355
A	11,106	9,882
BBB	4,417	3,942
BB and lower	227	184
Total	26,292	23,592

The Company prepares an assessment of the quality of the investment if the evaluation is not available from a credit rating agency. Bonds that have been internally evaluated represent an amount of \$1,962 (\$1,801 as at December 31, 2018).

As at June 30, 2019

2,984

715

5,956

Mortgages and Other Loans

	As at June 30, 2019	As at December 31, 2018	
	\$	\$	
Insured mortgages	2,326	2,292	
Conventional mortgages	755	707	
Other loans	715	662	
Total	3,796	3,661	

The credit quality of mortgages and other loans is assessed internally, on a regular basis, when the review of the portfolio is made.

b) ii) Past Due or Impaired Financial Assets

Past Due Bonds, Mortgages and Other Loans

Bonds, mortgages and other loans are considered in arrears when the counterparty has not made a payment at a contractual date. Any loan on which contractual payments are in arrears for 90 days or more in the case of mortgages and 120 days or more in the case of other loans or in foreclosure is assumed to be impaired. Any impaired loan which is not insured and fully guaranteed is normally impaired.

	Bonds classified as loans and receivables	classified as loans	Other loans	Total	
	\$	\$	\$	\$	
Gross values					
Not past due and not impaired	2,246	2,977	687	5,910	
Past due and not impaired					
30 – 89 days in arrears	_	2	30	32	
90 – 119 days in arrears	_	3	4	7	
120 days and more in arrears	_	_	2	2	
Impaired	21	3	1	25	
Total of gross values	2,267	2,985	724	5,976	
Specific provisions for losses	10	1	_	11	
	2,257	2,984	724	5,965	
Collective provisions	_	_	9	9	

2,257

Total of net values

As at December 31, 2018

	Bonds classified as loans and receivables	Mortgages classified as loans and receivables	Other loans	Total
	\$	\$	\$	\$
Gross values				
Not past due and not impaired	2,125	2,902	636	5,663
Past due and not impaired				
30 – 89 days in arrears	-	2	27	29
90 – 119 days in arrears	-	3	4	7
120 days and more in arrears		_	2	2
Impaired	21	3	1	25
Total of gross values	2,146	2,910	670	5,726
Specific provisions for losses	8	1	_	9
	2,138	2,909	670	5,717
Collective provisions	-	_	8	8
Total of net values	2,138	2,909	662	5,709

Foreclosed Properties

During the period ended June 30, 2019, the Company did not take possession of properties held as collateral on mortgages (less than \$1 as at December 31, 2018). Foreclosed properties that the Company still held at the end of the period are presented as real estate held for resale in the line *Other assets*.

Specific Provisions for Losses

As at June 30, 2019

	Bonds classified as loans and receivables	Mortgages classified as loans and receivables	Other loans	Total
	\$	\$	\$	\$
Balance at beginning	8	1	_	9
Variation in specific provisions for losses	2	_	_	2
Balance at end	10	1	_	11

	As at December 31, 2018					
	Bonds classified as loans and receivables	Mortgages classified as loans and receivables	Other loans	Total		
	\$	\$	\$	\$		
Balance at beginning	6	2	_	8		
Variation in specific provisions for losses	2	(1)	_	1		
Balance at end	8	1	_	9		

6 > Derivative Financial Instruments

The Company is an end user of derivative financial instruments in the normal course of managing exposure to fluctuations in interest rates, currency exchange rates and fair values of invested assets. Derivative financial instruments are financial contracts whose value is derived from underlying interest rates, exchange rates, other financial instruments or indexes.

The notional amount represents the amount to which a rate or price is applied to determine the cash flows to be exchanged periodically and does not represent direct credit exposure. Maximum credit risk is the estimated cost of replacing derivative financial instruments which have a positive value, should the counterparty default. The maximum credit risk of derivative financial instruments is \$1,203 (\$220 as at December 31, 2018). The Company's exposure at the end of each period is limited to the risk that a counterparty does not honour the terms of a derivative financial instrument.

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	Notional amount				Fair value	
	Less than 1 year	1 to 5 years	Over 5 years	Total	Positive	Negative
	\$	\$	\$	\$	\$	\$
Equity contracts						
Swap contracts	559	20	98	677	15	(3)
Futures contracts	735	_	_	735	1	(6)
Options	5,068	_	-	5,068	183	(58)
Currency contracts						
Forward contracts	3,129	50	_	3,179	75	(4)
Swap contracts	33	751	2,004	2,788	65	(88)
Options	17	-	-	17	-	_
Interest rate contracts						
Swap contracts	1,168	3,114	4,821	9,103	473	(66)
Forward contracts	874	2,115	_	2,989	392	_
Options	33	_	-	33	_	_
Other derivative contracts	80	2	358	440	1	(37)
Total	11,696	6,052	7,281	25,029	1,205	(262)

As at December 31, 2018

	Notional amount				Fair value	
	Less than 1 year	1 to 5 years	Over 5 years	Total	Positive	Negative
	\$	\$	\$	\$	\$	\$
Equity contracts						
Swap contracts	521	16	88	625	4	(11)
Futures contracts	642	_	_	642	4	(3)
Options	740	225		965	31	(7)
Currency contracts						
Forward contracts	3,157	49	_	3,206	6	(104)
Swap contracts	20	764	1,489	2,273	25	(136)
Interest rate contracts						
Swap contracts	1,089	2,477	3,126	6,692	126	(108)
Forward contracts	760	1,898	_	2,658	28	(29)
Other derivative contracts	2	2	367	371	1	(31)
Total	6,931	5,431	5,070	17,432	225	(429)

As at June 30, 2019

	Notional amount	Fair valu	е
		Positive	Negative
	\$	\$	\$
Derivative financial instruments not designated as hedge accounting	22,838	1,200	(204)
Net investment hedge	1,165	-	(46)
Fair value hedges			
Interest risk	959	5	(11)
Currency risk	16	_	(1)
Cash flow hedges			
Interest risk	8	_	_
Currency risk	43	_	_
Total of derivative financial instruments	25,029	1,205	(262)

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Δο	at	ואוו	mםי	ınar	- 31	71	IIX.

	7.10 41 2000					
	Notional amount	Fair value)			
		Positive	Negative			
	\$	\$	\$			
Derivative financial instruments not designated as hedge accounting	15,590	211	(373)			
Net investment hedge	1,022	_	(46)			
Fair value hedges						
Interest risk	736	14	(8)			
Currency risk	15	_	(1)			
Cash flow hedges						
Interest risk	44	_	_			
Currency risk	25	_	(1)			
Total of derivative financial instruments	17,432	225	(429)			

Embedded Derivative Financial Instruments

The Company owns perpetual preferred shares with call options which give the issuer the right to redeem the shares at a predetermined price. Accounting standards require that the value of the call options be measured separately from the preferred shares. The value of the call options for embedded derivative financial instruments is determined using a valuation which relies predominantly on the volatility, quoted price on markets and characteristics of the underlying preferred shares. Embedded derivative financial instruments are presented as other derivative contracts.

Net Investment Hedge

Forward contracts, designated as hedges of net investments in foreign operations with a functional currency other than the functional currency of the Company, have maturities of less than one year (less than one year as at December 31, 2018). The effective portion of changes in fair value is recorded in *Other comprehensive income*, as is the foreign currency translation of the net investment in a foreign operation. For the periods ended June 30, 2019 and 2018, the Company has recognized no ineffectiveness.

Fair Value Hedges

The interest rate swap contracts, designated as interest rate risk hedging related to financial assets classified as available for sale, have maturities ranging from 2 years to 11 years (from 3 years to 9 years as at December 31, 2018). Changes in fair value due to the interest rate of the hedged item are recorded in *Investment income* in the Income Statement against variations in fair value of the derivative financial instruments considered as hedging items. Variations in fair value related to the credit risk of hedged items are reported in *Other comprehensive income*.

The Company uses a fair value hedge to manage its exposure to changes in currency rate risk related to financial assets classified as available for sale. The Company uses forward contracts with maturities of less than 3 years (less than 4 years as at December 31, 2018). For the periods ended June 30, 2019 and 2018, the Company has recognized no ineffectiveness.

The Company uses a hedging relationship in order to reduce its exposure to interest rate risk on financial liabilities classified as financial liabilities at amortized cost. The Company uses interest rate swap contracts with maturities of less than one year to 9 years (less than one year to 10 years as at December 31, 2018).

The effective portion of the fair value hedging relationship is recorded in *Net income*. For the period ended June 30, 2019, the Company has recognized a gain of \$28 on the hedging instruments (gain of \$2 for the period ended June 30, 2018) and a loss of \$28 on the hedged items (loss of \$3 for the period ended June 30, 2018). For the period ended June 30, 2019, the Company has recognized no ineffectiveness (\$1 for the period ended June 30, 2018).

Cash Flow Hedges

The Company uses a cash flow hedging relationship in order to manage its exposure to variations of interest risks on forecasted transactions. The Company uses forward contracts on bonds that have maturities of less than one year (less than one year as at December 31, 2018). For the periods ended June 30, 2019 and 2018, the Company has recognized no ineffectiveness.

The Company uses a cash flow hedging relationship in order to manage its exposure to changes in currency rate risk on financial assets denominated in foreign currency. The Company uses swap contracts that have maturities from 6 years to 10 years (from 6 years to 10 years as at December 31, 2018). For the periods ended June 30, 2019 and 2018, the Company has recognized no ineffectiveness.

7 > Segregated Funds Net Assets

	As at June 30	As at December 31
	2019	2018
	\$	\$
Assets		
Cash and short-term investments	1,233	1,156
Bonds	4,965	5,006
Stocks	20,038	17,743
Mortgages	18	16
Investment properties	9	9
Derivative financial instruments	48	_
Other assets	372	166
Total assets	26,683	24,096
Liabilities		
Accounts payable and accrued expenses	294	310
Derivative financial instruments	-	5
Total liabilities	294	315
Net assets	26,389	23,781

The following table presents the change in segregated funds net assets:

		Quarters ended June 30		ended)
	2019	2018	2019	2018
	\$	\$	\$	\$
Balance at beginning	25,759	24,100	23,781	24,117
Add:				
Amounts received from policyholders	967	827	2,023	1,911
Interest and dividends	149	137	280	265
Net realized gains	239	112	247	231
Net increase in fair value	185	479	1,919	41
	27,299	25,655	28,250	26,565
Less:				
Amounts withdrawn by policyholders	788	649	1,624	1,445
Operating expenses	122	118	237	232
	910	767	1,861	1,677
Balance at end	26,389	24,888	26,389	24,888

8 > Debentures

On May 16, 2019, iA Insurance redeemed all of its \$250 subordinated debentures maturing May 16, 2024, bearing interest of 2.80% payable semi-annually until May 16, 2019. The subordinated debentures were redeemed for 1,014 dollars for each 1,000 dollars of subordinated debenture capital. Consequently, the subsidiary paid a total of \$254.

9 > Share Capital

As a result of the change in company's structure (Note 18), the Company's authorized share capital consists of the following:

Common Shares

Unlimited common shares without par value, with one voting right.

Preferred Shares, Class A

Unlimited preferred shares of Class A, without par value, without voting rights that can be issued in series. The number that may be issued is limited to not more than one-half of the number of common shares issued and outstanding at the time of the proposed issue of such preferred shares.

	As at June 30, 2	As at December 31	, 2018	
	Number of shares	Amount	Number of shares	Amount
	(in thousands)	\$	(in thousands)	\$
Common shares				
Balance at beginning	108,575	1,655	106,756	1,521
Shares issued on exercise of stock options	378	15	159	7
Shares issued	_	_	2,750	144
Shares redemption	(2,533)	(38)	(1,090)	(17)
Balance at end	106,420	1,632	108,575	1,655

Stock Options

Following the change in company structure by which iA Insurance became a subsidiary of the Company, the stock option plan of iA Insurance was replaced by an identical plan under which any shares issued under the new plan will be issued by the Company. Consequently, any share issued under the plan is issued by the Company. As at June 30, 2019, the number of outstanding stock options (in thousands) was 2,783 (2,875 as at December 31, 2018). For the period ended June 30, 2019, the Company granted 288 stock options exercisable at \$48.82 (311 stock options exercisable at \$58.18 for the year ended December 31, 2018).

Normal Course Issuer Bid Redemption

With the approval of the Toronto Stock Exchange, the Board of Directors has authorized the Company to purchase, in the normal course of its activities, from November 12, 2018 to November 11, 2019, up to 5,482,768 common shares, representing approximately 5% of its 109,655,360 common shares issued and outstanding as at November 1, 2018. For the period ended June 30, 2019, a total of 2,532,573 common shares were purchased and cancelled for a net cash amount of \$124, of which \$38 was recorded against share capital and \$86 against retained earnings.

Dividends

	Quarters ended June 30					Six months ende	ed June 30	
	2019		2019 2018		2019		2018	
	Total	Per share	Total	Per share	Total	Per share	Total	Per share
	\$	(in dollars)	\$	(in dollars)	\$	(in dollars)	\$	(in dollars)
Common shares	47	0.45	41	0.38	92	0.87	82	0.76

Dividends Declared and Not Recognized on Common Shares of the Company

A dividend of 0.45 dollars per share was approved by the Board of Directors of the Company on August 1, 2019. This dividend was not recorded as a liability in these financial statements. This dividend will be paid on September 16, 2019 to the shareholders of record as of August 23, 2019, date on which it will be recognized in the equity of the Company.

Dividend Reinvestment and Share Purchase Plan

The Company offers a Dividend Reinvestment and Share Purchase Plan to its common shareholders. Dividends on common shares are deducted from equity in the period in which they were authorized. The common shares issued under the plan will be purchased on the secondary market.

10 > Preferred Shares Issued by a Subsidiary
Preferred shares issued by iA Insurance, a subsidiary of the Company, are the following:

	As at June 30,	2019	As at December 31	1, 2018
	Number of shares	Amount	Number of shares	Amount
	(in thousands)	\$	(in thousands)	\$
Preferred shares, Class A , issued by iA Insurance				
Balance at beginning	21,000	525	15,000	375
Shares issued	_	_	6,000	150
Balance at end	21,000	525	21,000	525

Dividends

	Quarters ended June 30					Six months ende	d June 30	
	20	19	201	18	20	19	201	18
	Total	Per share	Total	Per share	Total	Per share	Total	Per share
	\$	(in dollars)	\$	(in dollars)	\$	(in dollars)	\$	(in dollars)
Preferred shares, issued by iA Insurance								
Class A – Series B	1	0.29	2	0.29	3	0.58	3	0.58
Class A – Series G	3	0.23	2	0.23	5	0.47	5	0.47
Class A – Series I	2	0.30	2	0.38	4	0.60	2	0.38
Total	6		6		12		10	

11 > Accumulated Other Comprehensive Income

Balance as at December 31, 2018 6 (10) 135 (108) 22 Unrealized gains (losses) 126 (5) — — 121 Income taxes on unrealized gains (losses) (32) 1 — — (31 Other — — — (51) 46 (6) Income taxes on other — — — — (7) (13) Realized losses (13) — — — — — (13) Income taxes on realized losses 4 — <td< th=""><th></th><th>Bonds</th><th>Stocks</th><th>Currency translation</th><th>Hedging</th><th>Total</th></td<>		Bonds	Stocks	Currency translation	Hedging	Total
Unrealized gains (losses) 126 (5) — — 121 Income taxes on unrealized gains (losses) (32) 1 — — (31 Other — — — — — (7) (7) Income taxes on other — — — — (7) (7) Realized losses (13) — — — — (13 Income taxes on realized losses 4 — <th></th> <th>\$</th> <th>\$</th> <th>\$</th> <th>\$</th> <th>\$</th>		\$	\$	\$	\$	\$
Income taxes on unrealized gains (losses) (32) 1	Balance as at December 31, 2018	6	(10)	135	(108)	23
Other — — (51) 46 (5) Income taxes on other — — — — (7) (7) Realized losses (13) — — — — (13) Income taxes on realized losses 4 — — — — 4 Balance as at June 30, 2019 91 (14) 84 (69) 92 Balance as at December 31, 2017 28 7 49 (35) 45 Unrealized losses (42) (40) — — (82) Income taxes on unrealized losses 11 11 — — 22 Other — — 86 (86) — Income taxes on other — — 86 (86) — Income taxes on realized gains 12 16 — — 25 Balance as at December 31, 2018 6 (10) 135 (108) 23 Balance as at December 31, 2017 28	Unrealized gains (losses)	126	(5)	_	_	121
Income taxes on other	Income taxes on unrealized gains (losses)	(32)	1	_	_	(31)
Realized losses (13) — — — (13) Income taxes on realized losses 4 — — — — 4 (9) —	Other	-	_	(51)	46	(5)
Realized losses	Income taxes on other	_	_	_	(7)	(7)
Income taxes on realized losses 4 — — — — 4 Balance as at June 30, 2019 91 (14) 84 (69) 92 Balance as at December 31, 2017 28 7 49 (35) 49 Unrealized losses (42) (40) — — (88) Income taxes on unrealized losses 11 11 — — 22 Other — — 86 (86) — Income taxes on other — — 86 (86) — Income taxes on realized gains 12 16 — — 12 Income taxes on realized gains (3) (4) — — (7) Balance as at December 31, 2018 6 (10) 135 (108) 23 Balance as at December 31, 2017 28 7 49 (35) 46 Unrealized losses (27) (5) — — (32) Income taxes on unrealized olsses <		94	(4)	(51)	39	78
Sealance as at June 30, 2019 91 (14) 84 (69) 92	Realized losses	(13)	_	_	_	(13)
Balance as at June 30, 2019 91 (14) 84 (69) 92 Balance as at December 31, 2017 28 7 49 (35) 45 Unrealized losses (42) (40) — — (82) Income taxes on unrealized losses 11 11 — — 22 Other — — — 86 (86) — Income taxes on other — — — — 13 13 Realized gains 12 16 — — — 17 Realized gains 12 16 — — — 27 Income taxes on realized gains (3) (4) — — 27 Balance as at December 31, 2018 6 (10) 135 (108) 23 Balance as at December 31, 2017 28 7 49 (35) 49 Unrealized losses (27) (5) — — 8 Other — <td>Income taxes on realized losses</td> <td>4</td> <td>_</td> <td>_</td> <td>_</td> <td>4</td>	Income taxes on realized losses	4	_	_	_	4
Balance as at December 31, 2017 28 7 49 (35) 49 Unrealized losses (42) (40) — — — (82 Income taxes on unrealized losses 11 11 — — 86 (86) — Unrealized losses 11 11 — — 86 (86) — 86 Uncome taxes on other — — 86 (86) — 13 13 Unrealized gains (31) (29) 86 (73) (47) Realized gains 12 16 — — 28 Uncome taxes on realized gains (3) (4) — — (7) Balance as at December 31, 2018 6 (10) 135 (108) 23 Balance as at December 31, 2017 28 7 49 (35) 49 Unrealized losses (27) (5) — — (32) Unrealized losses 7 1 — — (32) Unrealized losses 7 1 — — (32) Unrealized losses 7 1 — — (32) Unrealized losses (27) (5) — — (32) Unrealized losses (27) (5) — — (32) Unrealized losses (27) (4) — — (46) (46) — (46		(9)	_	_	_	(9)
Unrealized losses (42) (40) — — (82) Income taxes on unrealized losses 11 11 — — 22 Other — — — 86 (86) — Income taxes on other — — — — 13 13 Realized gains 12 16 — — — 28 Income taxes on realized gains (3) (4) — — — 7 Balance as at December 31, 2018 6 (10) 135 (108) 23 Balance as at December 31, 2017 28 7 49 (35) 49 Unrealized losses (27) (5) — — (33 Income taxes on unrealized losses 7 1 — — 8 Other — — — 46 (46) — Income taxes on other — — — — 7 7 Realized gains	Balance as at June 30, 2019	91	(14)	84	(69)	92
Income taxes on unrealized losses	Balance as at December 31, 2017	28	7	49	(35)	49
Other — — — 86 (86) — Income taxes on other — — — — — 13 — <td< td=""><td>Unrealized losses</td><td>(42)</td><td>(40)</td><td>_</td><td>_</td><td>(82)</td></td<>	Unrealized losses	(42)	(40)	_	_	(82)
Income taxes on other	Income taxes on unrealized losses	11	11	-	_	22
Realized gains 12 16 28 Income taxes on realized gains 12 16 28 Income taxes on realized gains (3) (4) (7 9 12 21 Balance as at December 31, 2018 6 (10) 135 (108) 23 Balance as at December 31, 2017 28 7 49 (35) 49 Unrealized losses (27) (5) (32 Income taxes on unrealized losses 7 1 8 Other 46 (46) Income taxes on other 46 (46) (39) (17 Realized gains (losses) (6) 2 (4 Income taxes on realized gains (losses) 2 (1) (32 Income taxes on realized gains (losses) 2 (1) (33 Income taxes on realized gains (losses) (31 (43 Income taxes on realized gains (losses) (31 (43 Income taxes on realized gains (losses) (31 (43 Income taxes on realized gains (losses) (4) 1 (43 Income taxes on realized gains (losses) (4) 1 (43 Income taxes on realized gains (losses) (4) 1 (43 Income taxes on realized gains (losses) (4) 1 (43 Income taxes on realized gains (losses) (4) 1 (43 Income taxes on realized gains (losses) (4) 1 (43 Income taxes on realized gains (losses) (4) 1 (43 Income taxes on realized gains (losses) (4) 1 (43 Income taxes on realized gains (losses) (4) 1 (43 Income taxes on realized gains (losses) (4) 1 (43 Income taxes on realized gains (losses) (4) 1 (43 Income taxes on realized gains (losses) (4) 1 (43 Income taxes on realized gains (losses) (4) (4) (4) (4) (4) (4)	Other	-	_	86	(86)	_
Realized gains 12 16 — — 28 Income taxes on realized gains (3) (4) — — (7 Balance as at December 31, 2018 6 (10) 135 (108) 23 Balance as at December 31, 2017 28 7 49 (35) 49 Unrealized losses (27) (5) — — — (32) Income taxes on unrealized losses 7 1 — — 8 Other — — — 46 (46) — Income taxes on other — — — — 7 7 Realized gains (losses) (6) 2 — — — (4 Income taxes on realized gains (losses) 2 (1) — — — 1 (4) 1 — — — — — — — — — — — — — — — <t< td=""><td>Income taxes on other</td><td>_</td><td>_</td><td>_</td><td>13</td><td>13</td></t<>	Income taxes on other	_	_	_	13	13
Income taxes on realized gains (3) (4) — — (7) (7)		(31)	(29)	86	(73)	(47)
Balance as at December 31, 2018 6 (10) 135 (108) 23 Balance as at December 31, 2017 28 7 49 (35) 49 Unrealized losses (27) (5) — — (32) Income taxes on unrealized losses 7 1 — — 8 Other — — 46 (46) — Income taxes on other — — — 7 7 Realized gains (losses) (6) 2 — — (4 Income taxes on realized gains (losses) 2 (1) — — 1 (4) 1 — — (32)	Realized gains	12	16	_	_	28
Balance as at December 31, 2018 6 (10) 135 (108) 23 Balance as at December 31, 2017 28 7 49 (35) 49 Unrealized losses (27) (5) — — (32) Income taxes on unrealized losses 7 1 — — 8 Other — — 46 (46) — Income taxes on other — — — 7 7 Realized gains (losses) (6) 2 — — (4 Income taxes on realized gains (losses) 2 (1) — — 1 (4) 1 — — (3	Income taxes on realized gains	(3)	(4)	-	_	(7)
Balance as at December 31, 2017 28 7 49 (35) 49 Unrealized losses (27) (5) — — (32) Income taxes on unrealized losses 7 1 — — 8 Other — — 46 (46) — Income taxes on other — — — 7 7 (20) (4) 46 (39) (17 Realized gains (losses) (6) 2 — — (4 Income taxes on realized gains (losses) 2 (1) — — 1 (4) 1 — — (3		9	12	_	_	21
Unrealized losses (27) (5) — — (32) Income taxes on unrealized losses 7 1 — — 8 Other — — 46 (46) — Income taxes on other — — — 7 7 (20) (4) 46 (39) (17) Realized gains (losses) (6) 2 — — (4) Income taxes on realized gains (losses) 2 (1) — — 1 (4) 1 — — (32)	Balance as at December 31, 2018	6	(10)	135	(108)	23
Income taxes on unrealized losses 7 1 — — 8 Other — — 46 (46) — Income taxes on other — — — 7 7 (20) (4) 46 (39) (17 Realized gains (losses) (6) 2 — — — (4 Income taxes on realized gains (losses) 2 (1) — — 1 (4) 1 — — (3	Balance as at December 31, 2017	28	7	49	(35)	49
Other — — 46 (46) — Income taxes on other — — — — 7 7 (20) (4) 46 (39) (17 Realized gains (losses) (6) 2 — — — (4 Income taxes on realized gains (losses) 2 (1) — — — 1 (4) 1 — — — (3	Unrealized losses	(27)	(5)	-	-	(32)
Income taxes on other — — — 7 7 7 (20) (4) 46 (39) (17 Realized gains (losses) (6) 2 — — — (4 Income taxes on realized gains (losses) 2 (1) — — — 1 (4) 1 — — — (3	Income taxes on unrealized losses	7	1	_	_	8
(20) (4) 46 (39) (17) Realized gains (losses) (6) 2 — — — (4) Income taxes on realized gains (losses) 2 (1) — — — 1 (4) 1 — — (3)	Other	_	_	46	(46)	_
Realized gains (losses) (6) 2 — — (4) Income taxes on realized gains (losses) 2 (1) — — 1 (4) 1 — — (3)	Income taxes on other		_	_	7	7
Income taxes on realized gains (losses) 2 (1) — — 1 (4) 1 — — (3)		(20)	(4)	46	(39)	(17)
(4) 1 — — (3	Realized gains (losses)	(6)	2	_	_	(4)
	Income taxes on realized gains (losses)	2	(1)	_	_	1
Balance as at June 30, 2018 4 4 95 (74) 29		(4)	1	_	_	(3)
	Balance as at June 30, 2018	4	4	95	(74)	29

12 > Capital Management

Regulatory Requirements and Solvency Ratio

The Company's capital adequacy requirements are regulated according to the guideline on capital adequacy requirements for life insurers (CARLI).

According to CARLI, many items are included in the solvency ratio:

The available capital represents the total Tier 1 and Tier 2 capital, less other deductions prescribed by the AMF.

Tier 1 capital contains more permanent equity items and is primarily composed of equity attributable to common shareholders and preferred shares. Goodwill and other intangible assets are deducted from this category.

Tier 2 capital is primarily composed of subordinated debentures.

The surplus allowance is the value of specific provisions for adverse deviations included in insurance contract liabilities.

The eligible deposits are amounts related to unregistered reinsurance agreements, which are deposited in guarantee instruments.

The base solvency buffer is determined according to five risk categories, namely credit risk, market risk, insurance risk, segregated funds guarantee risk and operational risk. These risk components are calculated using various methods and consider the risks associated to asset and liability elements that are on and off the Statement of Financial Position. The base solvency buffer represents the sum of risk components minus some credits (for example, for between-risk diversification and for adjustable products) multiplied by a scalar of 1.05.

The CARLI total ratio is calculated by dividing the sum of the available capital, the surplus allowance and the eligible deposits by the base solvency buffer.

According to the AMF guideline, the Company must set a target level of available capital that exceeds the minimum requirements. The guideline also stipulates that most of the available capital must be Tier 1, which absorbs the losses related to current operations.

The Company manages its capital on a consolidated basis. As at June 30, 2019, the Company maintains a ratio that satisfies the regulatory requirements.

	June 30, 2019
	\$
Available Capital	
Tier 1 Capital	3,028
Tier 2 Capital	1,201
Surplus allowance and eligible deposits	4,294
Total	8,523
Base solvency buffer	6,720
Total ratio	127%

In the consolidated financial statements of the subsidiary iA Insurance as at December 31, 2018, the solvency ratio was 126% and it maintained a ratio that satisfied the regulatory requirements.

13 > Income Taxes

The effective income tax rate differs from the Canadian statutory tax rate due to the following items:

	Quart	ers ende	d June 30)	Six mo	nths end	led June 3	30
	2019	2019 2018			2019		2018	
	\$	%	\$	%	\$	%	\$	%
Income before income taxes	241		225		449		403	
Income tax expense at Canadian statutory tax rate	64	27	60	27	120	27	108	27
Increase (decrease) in income taxes due to:								
Differences in tax rates on income not subject to tax in Canada	(1)	_	(1)	_	(2)	_	(2)	_
Tax-exempt investment income	(5)	(2)	(15)	(7)	(10)	(2)	(26)	(7)
Non-taxable portion of the change in fair value of investment properties	(1)	_	_	_	(1)	_	_	_
Adjustments of previous years	(1)	_	14	7	(1)	_	14	3
Variation in tax rates	(3)	(1)	_	_	(4)	(1)	(1)	_
Other	1	_	1	_	2		1	_
Income tax expense (recovery) and effective income tax rate	54	24	59	27	104	24	94	23

14 > Segmented Information

The Company operates and manages its activities according to five main reportable operating segments, which reflect its company structure for decision making. Management uses judgment in the aggregation of business units into the Company's operating segments. Its products and services are offered to retail customers, businesses and groups. The Company primarily operates in Canada and the United States. The main products and services offered by each segment are the following:

Individual Insurance - Life, health, disability and mortgage insurance products.

Individual Wealth Management – Individual products and services for savings plans, retirement funds and segregated funds, in addition to securities brokerage, trust operations and mutual funds.

Group Insurance – Life, health, accidental death and dismemberment, dental care and short and long-term disability insurance products for employee plans, creditor insurance, replacement insurance, replacement warranties, extended warranties and other ancillary products for dealer services, and specialized products for special markets.

Group Savings and Retirement - Group products and services for savings plans, retirement funds and segregated funds.

US Operations – Miscellaneous insurance products sold in the United States such as life insurance products and extended warranties relating to dealer services.

Other – Auto and home insurance products, services supporting the activities that have no link with key segments such as asset management and financing, Company capital and some adjustments related to consolidation.

The Company uses assumptions, judgments and methodologies to allocate general expenses that are not directly attributable to a business segment. The allocation of other activities is mainly performed according to a formula based on equity and is uniformly applied to each operating segment.

The other assets and other liabilities, except mainly for derivative financial instruments, are classified in their entirety in the *Other* column since they are used for the operational support of the Company's activities.

Segmented Income Statements

Quarter ended June 30, 2019

			Qual to	ciiaca baile b	0, 20.0		
	Indi	vidual	Gro	oup			
	Insurance	Wealth Management	Insurance	Savings and Retirement	US Operations	Other	Total
	\$	\$	\$	\$	\$	\$	\$
Revenues							
Net premiums	391	643	413	339	120	77	1,983
Investment income	1,356	66	48	107	54	40	1,671
Other revenues	32	365	15	24	20	(31)	425
	1,779	1,074	476	470	194	86	4,079
Operating expenses							
Gross benefits and claims on contracts	192	514	293	305	100	38	1,442
Ceded benefits and claims on contracts	(56)	_	(14)	(7)	(57)	9	(125)
Net transfer to segregated funds		110	_	86	_	_	196
Increase in insurance contract liabilities	1,354	68	2	50	73	3	1,550
Increase in investment contract liabilities	_	_	7	_	_	_	7
Increase in reinsurance assets	(14)	_	(1)	_	(24)	(2)	(41)
Commissions, general and other expenses	202	323	153	26	86	5	795
Financing charges	6	1	6	_	_	1	14
	1,684	1,016	446	460	178	54	3,838
Income before income taxes and allocation of other activities	95	58	30	10	16	32	241
Allocation of other activities	25	1	1	1	4	(32)	_
Income before income taxes	120	59	31	11	20	_	241
Income taxes	23	14	9	3	5	_	54
Net income attributed to shareholders	97	45	22	8	15	_	187

Quarter ended June 30, 2018

				silueu dulle do,				
	Indiv	/idual	Gro	oup				
	Insurance	Wealth Management	Insurance	Savings and Retirement	US Operations	Other	Total	
	\$	\$	\$	\$	\$	\$	\$	
Revenues								
Net premiums	379	544	402	356	96	73	1,850	
Investment income	411	(16)	25	36	(6)	35	485	
Other revenues	47	362	16	22	17	(26)	438	
	837	890	443	414	107	82	2,773	
Operating expenses								
Gross benefits and claims on contracts	199	433	286	292	102	34	1,346	
Ceded benefits and claims on contracts	(64)	_	(18)	(6)	(65)	8	(145	
Net transfer to segregated funds	_	68	_	103	_	_	171	
Increase (decrease) in insurance contract liabilities	399	22	(11)	(6)	(50)	(3)	351	
Increase in investment contract liabilities	_	_	2	_	_	_	2	
Decrease (increase) in reinsurance assets	(8)	_	(2)	2	35	6	33	
Commissions, general and other expenses	209	313	154	22	68	8	774	
Financing charges	5	_	4	_	1	6	16	
	740	836	415	407	91	59	2,548	
Income before income taxes and allocation of other activities	97	54	28	7	16	23	225	
Allocation of other activities	17	3	1	_	2	(23)	_	
Income before income taxes	114	57	29	7	18	_	225	
Income taxes	24	19	10	2	4	_	59	
Net income	90	38	19	5	14	_	166	
Net income attributed to participating policyholders	1	_	_	_	_	_	1	
Net income attributed to shareholders	89	38	19	5	14	_	165	

Six months ended June 30, 2019

				s ended sune	00, 2010		
	Indiv	/idual	Gro	oup			
	Insurance	Wealth Management	Insurance	Savings and Retirement	US Operations	Other	Total
	\$	\$	\$	\$	\$	\$	\$
Revenues							
Net premiums	779	1,363	810	999	235	152	4,338
Investment income	3,182	91	114	261	106	79	3,833
Other revenues	61	719	29	49	37	(60)	835
	4,022	2,173	953	1,309	378	171	9,006
Operating expenses							
Gross benefits and claims on contracts	418	1,034	584	620	198	82	2,936
Ceded benefits and claims on contracts	(108)	_	(29)	(13)	(111)	19	(242)
Net transfer to segregated funds	_	257	_	163	_	_	420
Increase (decrease) in insurance contract liabilities	3,142	127	13	465	162	(9)	3,900
Increase in investment contract liabilities	_	_	21	_	_	_	21
Decrease (increase) in reinsurance assets	(29)	_	1	3	(64)	9	(80)
Commissions, general and other expenses	402	646	298	52	165	10	1,573
Financing charges	11	1	12	_	_	5	29
	3,836	2,065	900	1,290	350	116	8,557
Income before income taxes and allocation of other activities	186	108	53	19	28	55	449
Allocation of other activities	44	(1)	2	2	8	(55)	_
Income before income taxes	230	107	55	21	36	_	449
Income taxes	48	27	15	6	8	_	104
Net income	182	80	40	15	28	_	345
Net income attributed to participating policyholders	1	_	_	_	_	_	1
Net income attributed to shareholders	181	80	40	15	28	_	344

Six months ended June 30, 2018

					,		
	Indiv	<i>r</i> idual	Gro	up			
	Insurance	Wealth Management	Insurance	Savings and Retirement	US Operations	Other	Total
	\$	\$	\$	\$	\$	\$	\$
Revenues							
Net premiums	771	1,271	776	876	197	145	4,036
Investment income	276	8	46	62	(29)	73	436
Other revenues	79	734	30	45	34	(49)	873
	1,126	2,013	852	983	202	169	5,345
Operating expenses							
Gross benefits and claims on contracts	386	904	565	620	183	81	2,739
Ceded benefits and claims on contracts	(120)	_	(37)	(12)	(106)	18	(257
Net transfer to segregated funds	_	292	_	194	_	_	486
Increase (decrease) in insurance contract liabilities	292	64	(25)	115	(134)	(11)	301
Increase in investment contract liabilities	_	_	3	_	_	_	3
Decrease (increase) in reinsurance assets	(7)	-	(4)	5	94	11	99
Commissions, general and other expenses	401	645	291	46	141	14	1,538
Financing charges	9	_	8	_	1	15	33
	961	1,905	801	968	179	128	4,942
Income before income taxes and allocation of other activities	165	108	51	15	23	41	403
Allocation of other activities	30	1	2	_	8	(41)	
Income before income taxes	195	109	53	15	31	_	403
Income taxes	38	31	15	4	6	_	94
Net income	157	78	38	11	25	_	309
Net income attributed to participating policyholders	1	_	_	_	_	_	1
Net income attributed to shareholders	156	78	38	11	25		308

Segmented Premiums

Quarter ended June 30, 2019

	Indi	vidual	Gro	oup			
	Insurance	Wealth Management	Insurance	Savings and Retirement	US Operations	Other	Total
	\$	\$	\$	\$	\$	\$	\$
Gross premiums							
Invested in general fund	491	98	450	30	208	48	1,325
Invested in segregated funds	_	545	_	316	_	_	861
Total	491	643	450	346	208	48	2,186
Premiums ceded							
Invested in general fund	(100)	_	(37)	(7)	(88)	29	(203
Net premiums	391	643	413	339	120	77	1,983

Quarter	andad	luna	20	2010	
Chiamer	ended.	.II INA	.3(1)	אווע	

	Indi	vidual	Gro	oup			
	Insurance	Wealth Management	Insurance	Savings and Retirement	US Operations	Other	Total
	\$	\$	\$	\$	\$	\$	\$
Gross premiums							
Invested in general fund	471	99	450	38	190	48	1,296
Invested in segregated funds	_	445	_	325	_	_	770
Total	471	544	450	363	190	48	2,066
Premiums ceded							
Invested in general fund	(92)	_	(48)	(7)	(94)	25	(216)
Net premiums	379	544	402	356	96	73	1,850

Six months ended June 30, 2019

	Indi	vidual	Gro	oup			
	Insurance	Wealth Management	Insurance	Savings and Retirement	US Operations	Other	Total
	\$	\$	\$	\$	\$	\$	\$
Gross premiums							
Invested in general fund	969	207	881	359	406	96	2,918
Invested in segregated funds	_	1,156	_	653	_	_	1,809
Total	969	1,363	881	1,012	406	96	4,727
Premiums ceded							
Invested in general fund	(190)	_	(71)	(13)	(171)	56	(389)
Net premiums	779	1,363	810	999	235	152	4,338

Six months ended June 30, 2018

	Indi	vidual	Gro	oup			
	Insurance	Wealth Management	Insurance	Savings and Retirement	US Operations	Other	Total
	\$	\$	\$	\$	\$	\$	\$
Gross premiums							
Invested in general fund	948	208	868	218	350	94	2,686
Invested in segregated funds	_	1,063	_	671	_	_	1,734
Total	948	1,271	868	889	350	94	4,420
Premiums ceded							
Invested in general fund	(177)	_	(92)	(13)	(153)	51	(384)
Net premiums	771	1,271	776	876	197	145	4,036

Segmented Assets and Liabilities

As at June 30, 20	1	9
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			A9	at Julie 30, 2013	•		
	Indi	vidual	Gr	oup			
	Insurance	Wealth Management	Insurance	Savings and Retirement	US Operations	Other	Tota
	\$	\$	\$	\$	\$	\$	
Assets							
Invested assets	22,190	1,815	1,838	3,769	1,021	7,355	37,98
Segregated funds assets	_	15,432	_	10,957	_	_	26,38
Reinsurance assets	(668)	_	230	128	1,441	(72)	1,05
Other	126	825	_	_	33	3,401	4,38
Total assets	21,648	18,072	2,068	14,854	2,495	10,684	69,82
Liabilities							
Insurance contract liabilities and investment contract liabilities	20,930	1,774	2,166	3,917	1,691	(70)	30,40
Segregated funds liabilities	_	15,432	_	10,957	_	_	26,38
Other	167	38	3	5	_	6,952	7,16
Total liabilities	21,097	17,244	2,169	14,879	1,691	6,882	63,96
			As at	December 31, 20	118		
	Indi	vidual		oup			
	Insurance	Wealth Management	Insurance	Savings and Retirement	US Operations	Other	Tota
	\$	\$	\$	\$	\$	\$	
Assets							
Invested assets	19,056	1,823	1,869	3,349	926	7,556	34,57
Segregated funds assets	-	13,994	_	9,787		_	23,78
Reinsurance assets	(697)	_	236	131	1,317	14	1,00
Other	121	940	_	_	27	3,091	4,17
Total assets	18,480	16,757	2,105	13,267	2,270	10,661	63,54
Liabilities							
Insurance contract liabilities and investment contract liabilities	17,787	1,643	2,148	3,452	1,602	(62)	26,57
Segregated funds liabilities	_	13,994	_	9,787	_	_	23,78
Other	287	59	6	3	_	7,116	7,47
Total liabilities	18,074	15,696	2.154	13,242	1,602	7,054	57,82

15 > Earnings Per Common Share

Basic Earnings Per Share

Basic earnings per share are calculated by dividing the net income attributed to common shareholders by the weighted average number of outstanding common shares during the period.

	Quarters e June 3	nded 0	Six months June 3	
	2019	2018	2019	2018
Net income attributed to common shareholders	181	159	332	298
Weighted average number of outstanding shares (in millions of units)	107	110	107	109
Basic earnings per share (in dollars)	1.70	1.45	3.10	2.75

Diluted Earnings Per Share

Diluted earnings per share are calculated by adjusting the weighted average number of outstanding common shares to take into account the conversion of all potentially dilutive common shares.

The dilutive effect of stock options considers the number of shares presumed issued without consideration, calculated as the difference between the number of shares deemed to have been issued (by assuming the outstanding stock option grants are exercised) and the number of shares that would have been issued at the average market price for the year (the number of shares that would have been issued using the issuance proceeds, using the average market price of the Company's common shares for the period). For the quarter and for the six months ended June 30, 2019, an average of 139,536 and 176,569 antidilutive stock options (167,085 for the quarter and 132,695 for the six months ended June 30, 2018) were excluded from the calculation.

	Quarters e June 3		Six months ended June 30	
	2019	2018	2019	2018
Net income attributed to common shareholders	181	159	332	298
Weighted average number of outstanding shares (in millions of units)	107	110	107	109
Add: dilutive effect of stock options granted and outstanding (in millions of units)	_	_	1	
Weighted average number of outstanding shares on a diluted basis (in millions of units)	107	110	108	109
Diluted earnings per share (in dollars)	1.69	1.44	3.09	2.73

There was no transaction on common shares that could affect these calculations after the closing date and before the date of authorization for issue of these financial statements.

16 > Post-Employment Benefits

The Company maintains a number of funded and unfunded defined benefit plans which provide pension benefits and defined contribution plans.

The Company also provides other post-retirement benefits. These include additional health care benefits, life insurance and dental benefits. The Company also provides post-employment benefits such as salary continuation for short-term disabilities.

Amounts Recognized in Net Income and Other Comprehensive Income

	Q	uarters ende	ed June 30	
	2019		2018	
	Pension plans	Other plans	Pension plans	Other plans
	\$	\$	\$	\$
Current service cost	10	_	10	_
Net interest	2	1	2	1
Administrative expense	1		1	
Components of the cost of defined benefits recognized in the net income	13	1	13	1
Remeasurement of net liabilities (assets) as defined benefits ¹				
Rate of return on assets (excluding amounts included in the net interest above)	(41)	_	(25)	_
Actuarial losses (gains) on financial assumption changes	86	2	(46)	(1)
Losses (gains) of components of the cost of defined benefits recognized in other comprehensive income	45	2	(71)	(1)
Total of defined benefit cost components	58	3	(58)	_

¹ Market based assumptions, such as assumptions on rate of return on assets and changes in financial assumptions, are reviewed on a quarterly basis. All other assumptions are reviewed on an annual basis.

Six months ended June 30

	2019		2018	
	Pension plans	Other plans	Pension plans	Other plans
	\$	\$	\$	\$
Current service cost	22	1	21	1
Net interest	4	1	3	1
Administrative expense	1	_	1	_
Components of the cost of defined benefits recognized in the net income	27	2	25	2
Remeasurement of net liabilities (assets) as defined benefits ¹				
Rate of return on assets (excluding amounts included in the net interest above)	(134)	_	(6)	_
Actuarial losses (gains) on financial assumption changes	208	3	(46)	(1)
Losses (gains) of components of the cost of defined benefits recognized in other comprehensive income	74	3	(52)	(1)
Total of defined benefit cost components	101	5	(27)	1

¹ Market based assumptions, such as assumptions on rate of return on assets and changes in financial assumptions, are reviewed on a quarterly basis. All other assumptions are reviewed on an annual basis.

Items that will not be reclassified subsequently to net income

Quarters ended June 30

	4			
	2019		2018	
	Pension plans	Other plans	Pension plans	Other plans
	\$	\$	\$	\$
Losses (gains) of components of the cost of defined benefits recognized in other comprehensive income				
	45	•		
Remeasurement of post-employment benefits	40	2	(71)	(1)
Income taxes on remeasurement of post-employment benefits	(12)		(71) 19	(1) —

Six months ended June 30

Six illulitiis eliueu Julie 30			
2019		2018	
Pension plans	Other plans	Pension plans	Other plans
\$	\$	\$	\$
74	3	(52)	(1)
(20)	_	14	
54	3	(38)	(1)
	Pension plans \$	Pension Other plans \$ \$ 74 3 (20) —	2019 2018 Pension plans Other plans Pension plans \$ \$ \$ 74 3 (52) (20) — 14

17 > Commitments

Investment Commitments

In the normal course of business of the Company, various outstanding contractual commitments related to offers for commercial and residential loans, private placements, joint ventures and real estate are not reflected in the financial statements and may not be fulfilled. As at June 30, 2019, there were \$850 (\$809 as at December 31, 2018) of outstanding commitments, of which the estimated disbursements will be \$93 (\$42 as at December 31, 2018) in 30 days, \$354 (\$324 as at December 31, 2018) in 31 to 365 days and \$403 (\$443 as at December 31, 2018) in more than one year.

Letters of Credit

In the normal course of operations, banks issue letters of credit on behalf of the Company. As at June 30, 2019, the balance of these letters is \$2 (\$2 as at December 31, 2018).

Lines of Credit

As at June 30, 2019, the Company had operating lines of credit totalling \$56 (\$56 as at December 31, 2018). As at June 30, 2019 and December 31, 2018, no lines of credit were used. The purpose of these lines of credit is to facilitate financing of the Company's operations and meet its temporary working capital requirements.

18 > Change in Company Structure

On January 1, 2019, iA Insurance implemented a change in its company structure whereby iA Insurance became a wholly owned subsidiary of the Company. Pursuant to a plan of arrangement, all of the outstanding common shares of iA Insurance as at January 1, 2019 were exchanged for newly issued common shares of the Company, on a one for one basis. Issued and outstanding iA Insurance preferred shares and debentures remain issued by iA Insurance and have been guaranteed by the Company in accordance with the terms of the arrangement. The Company is a "successor issuer" of iA Insurance as defined in the securities regulations with respect to previously issued common shares of iA Insurance.

This change in company structure was recorded at the carrying amount and the consolidated financial statements present comparative information as published in the financial statements of the absorbed issuer, iA Insurance as at June 30, 2018 and December 31, 2018, as applicable.

19 > Comparative Figures

Certain comparative figures have been reclassified to comply with the current presentation. The reclassifications had no impact on the net income of the Company.