

# Industrial Alliance Insurance and Financial Services Inc.

2021 Management's Discussion and Analysis

for the year ended December 31, 2021

February 16, 2022



# **Notice**

## **Legal Constitution and General Information**

Industrial Alliance Insurance and Financial Services Inc. ("iA Insurance" or the "Company") is a stock insurance company listed on the Toronto Stock Exchange. It is governed by the *Insurers Act* (Quebec), the *Act respecting Industrial-Alliance Life Insurance Company* (Quebec) (the "1999 Private Bill"), as amended by the *Act to amend the Act respecting Industrial-Alliance Life Insurance Company* (Quebec) (the "2018 Private Bill," collectively with the 1999 Private Bill, the "Private Bill") and by the *Business Corporations Act* (Quebec). iA Insurance and its subsidiaries are authorized by the appropriate regulatory authorities to operate in all provinces and territories of Canada, and most of the United States. iA Insurance is also an issuer subject to the various securities laws in effect in the provinces of Canada.

On January 1, 2019, iA Insurance became a subsidiary all of whose common shares are held by iA Financial Corporation Inc. ("iA Financial Corporation"), a holding company that comprises all the group's activities. Under the terms of a plan of arrangement (the "arrangement"), all the common shares of iA Insurance outstanding at January 1, 2019 have been exchanged for newly issued common shares of iA Financial Corporation, the new holding company, on a one-for-one basis. Issued and outstanding series of preferred shares and debentures remain issued by iA Insurance and have been guaranteed by iA Financial Corporation in accordance with the terms of the arrangement. iA Financial Corporation is a "successor issuer" of iA Insurance as defined in securities regulations with respect to the common shares previously issued by iA Insurance. Following the arrangement, iA Insurance remains a "reporting issuer" as defined in securities regulations.

In February 2000, iA Insurance became a public company governed under the 1999 Private Bill. The 1999 Private Bill was enacted by the Quebec National Assembly on November 26, 1999, and its amendment, the 2018 Private Bill, was enacted on June 15, 2018. The Private Bill prohibits any person and his/her affiliates from acquiring, either directly or indirectly, voting shares of iA Financial Corporation if the acquisition results in the person and his/her affiliates holding 10% or more of the voting rights related to the shares. The Private Bill further provides that in the event that an acquisition is made in contravention of the foregoing, an individual on behalf of whom the shares are acquired cannot exercise the voting rights attached to the aggregate of his/her shares for as long as they are in contravention of this provision. In addition, under this Private Bill, iA Financial Corporation must directly or indirectly hold 100% of the common shares of iA Insurance.

Unless otherwise indicated, all information presented in this Management's Discussion and Analysis is established as at December 31, 2021, or for the year ended on that date.

Unless otherwise indicated, all amounts that appear in this Management's Discussion and Analysis are denominated in Canadian dollars. The financial information is presented in accordance with International Financial Reporting Standards (IFRS), as they apply to life insurance companies in Canada, and with the accounting requirements prescribed by the regulatory authorities.

iA Financial Group is a business name and trademark of iA Financial Corporation Inc. and Industrial Alliance Insurance and Financial Services Inc.

This Management's Discussion and Analysis is dated February 16, 2022.

#### **Non-IFRS and Additional Financial Measures**

iA Insurance

iA Financial Corporation and iA Insurance report their financial results and statements in accordance with International Financial Reporting Standards ("IFRS"). They also publish certain financial measures or ratios that are not based on IFRS ("non-IFRS"). A financial measure is considered a non-IFRS measure for Canadian securities law purposes if it is presented other than in accordance with the generally accepted accounting principles ("GAAP") used for the Company's audited financial statements. The Company uses non-IFRS measures when evaluating its results and measuring its performance. The Company believes that non-IFRS measures provide additional information to better understand its financial results and assess its growth and earnings potential, and that they facilitate comparison of the quarterly and full year results of the Company's ongoing operations. Since non-IFRS measures do not have standardized definitions and meaning, they may differ from the non-IFRS financial measures used by other institutions and should not be viewed as an alternative to measures of financial performance determined in accordance with IFRS. The Company strongly encourages investors to review its financial statements and other publicly filed reports in their entirety and not to rely on any single financial measure. These non-IFRS measures are often accompanied by and reconciled with IFRS financial measures. For certain non-IFRS measures, there are no directly comparable amounts under IFRS.

**Regulation 52-112 respecting Non-GAAP and Other Financial Measures Disclosure** from the Canadian Securities Administrators ("Regulation 52-112") establishes disclosure requirements that apply, respectively, to each of the following categories of non-IFRS measures used by iA Financial Corporation:

- Non-IFRS financial measures, which depict the historical or expected future financial performance, financial position or cash flow, and with respect to their composition, exclude an amount that is included in, or includes an amount that is excluded from, the composition of the most directly comparable financial measure disclosed in the Company's financial statements.
- Non-IFRS ratios, which are in the form of a ratio, fraction, percentage, or similar representation, have a non-IFRS financial measure as one or more of their components and are not disclosed in the Company's financial statements.
- Supplementary financial measures, which are disclosed on a periodic basis to depict historical or expected future financial performance, financial position, or cash flow and are not disclosed in the Company's financial statements.
- Capital management measures, which are financial measures intended to enable the reader to evaluate the Company's objectives, policies, and processes for managing its capital.
- Segment measures, which combine financial measures for two or more reportable segments of the Company and are not disclosed in the Company's financial statements.

Below is a description of the non-IFRS financial measures, non-IFRS ratios and supplementary financial measures used by the Company. Additional information is provided, along with a description of the reconciliation to the closest IFRS measure, where applicable.

#### Non-IFRS measures published by iA Insurance are:

- Return on common shareholders' equity (ROE):
  - Category under Regulation 52-112: Supplementary financial measure.
  - Definition: A ratio, expressed as a percentage, obtained by dividing the consolidated net income available to common shareholders by the average common shareholders' equity for the period.
  - Purpose: Provides a general measure of the Company's efficiency in using equity.

#### Core earnings:

- Category under Regulation 52-112: Non-IFRS financial measures that constitute historical information.
- Definition: Removes from reported earnings (loss) the impacts of the following items that create volatility in the Company's results under IFRS, or that are not representative of its underlying operating performance:
  - a. market-related impacts that differ from management's best estimate assumptions, which include impacts of returns on equity markets and changes in interest rates related to (i) management fees collected on assets under management or administration (MERs), (ii) universal life policies, (iii) the level of assets backing long-term liabilities, and (iv) the dynamic hedging program for segregated fund guarantees;
  - b. assumption changes and management actions;
  - c. charges or proceeds related to acquisition or disposition of a business, including acquisition, integration and restructuring costs;
  - d. amortization of acquisition-related finite life intangible assets;
  - e. non-core pension expense, that represents the difference between the asset return (interest income on plan assets) calculated using the expected return on plan assets and the IFRS prescribed pension plan discount rate; and
  - f. specified items which management believes are not representative of the performance of the Company, including (i) material legal settlements and provisions, (ii) unusual income tax gains and losses, (iii) material impairment charges related to goodwill and intangible assets, and (iv) other specified unusual gains and losses.

Note: This core earnings definition is applicable as of January 1, 2021. However, the core results for prior periods that are presented for comparison purposes have also been calculated according to this definition.

- Purpose: Used to better understand the Company's capacity to generate sustainable earnings.
- Reconciliation: "Net income attributed to common shareholders" is the most directly comparable IFRS measure disclosed in the financial statements of the Company to which the measure relates, and a reconciliation with this measure is presented in this document.
- Core earnings per common share (core EPS):
  - Category under Regulation 52-112: Non-IFRS ratio.
  - Definition: Obtained by dividing the core earnings by the diluted weighted average number of common shares.
  - Purpose: Used to better understand the Company's capacity to generate sustainable earnings and is an additional indicator for evaluating the Company's financial performance.
  - Reconciliation: "Earnings per common share (EPS)" is the most directly comparable IFRS financial measure disclosed in the financial statements of the Company to which the measure relates, and a reconciliation with this measure is presented in this document.
- Core return on common shareholders' equity (core ROE):
  - Category under Regulation 52-112: Non-IFRS ratio.
  - Definition: A ratio, expressed as a percentage, obtained by dividing the consolidated core earnings by the average common shareholders' equity for the period.
  - Purpose: Provides a general measure of the Company's efficiency in using equity, based on core earnings, and an additional indicator for evaluating the Company's financial performance.
  - Reconciliation: There is no directly comparable IFRS financial measure that is disclosed in the financial statements of the Company to which the measure relates.

- Components of the sources of earnings (SOE), on a reported and core basis:
  - Category under Regulation 52-112: Supplementary financial measures.
  - Definition: Presents sources of earnings in compliance with the guideline issued by the Office of the Superintendent of Financial Institutions and developed in cooperation with the Canadian Institute of Actuaries using the following components:
    - a. Operating profit, which is the sum of the following components of the sources of earnings analysis: expected profit on in-force, experience gains and losses, impact of new business and changes in assumptions and management actions.
    - b. Expected profit on in-force, which represents the portion of the consolidated net income on business in force at the start of the reporting period that was expected to be realized based on the achievement of best-estimate assumptions.
    - c. Experience gains or losses, which represent the difference between reported income and the income that would have been reported if all assumptions made at the start of the period had materialized.
    - d. Impact of new business, or strain, which represents the point-of-sale impact on net income of writing new business during the period. The expected profit realized in the years after a policy is issued should cover the strain incurred at the time of issue.
    - e. Changes in assumptions and management actions, which is the impact on pre-tax net income resulting from changes in actuarial methods and assumptions or other management actions. Changes in assumptions result from the Company ensuring the adequacy of its provisions given the existing economic and financial environment as well as the Company's own experience in terms of mortality, morbidity, lapse rates, unit costs and other factors. Management actions represent the impact of actions apart from the normal operation of the business, including but not limited to changes in methodology, model refinement and impacts of acquisitions, mergers and divestitures.
    - f. Income on capital, which represents the income derived from investments in which the Company's capital is invested, minus any expenses incurred to generate that income. The Company also includes financing expenses from debentures, amortization of intangible assets related to acquisitions and the results of the iA Auto and Home (iAAH) subsidiary in this item.
    - g. Income taxes, which represent the value of amounts payable under the tax laws and include tax payable and deferred income taxes. A life insurer's investment income taxes and premium taxes are not included in these amounts. Income taxes are considered to be an expense for the purpose of calculating the operating profit.
  - Purpose: Provides additional indicators for evaluating the Company's financial performance and an additional tool to help investors better understand the source of shareholder value creation.
  - Reconciliation: There is no directly comparable IFRS financial measure for components of the SOE that is disclosed in the financial statements of the Company to which the measure relates.
- Car loan measure Loan originations:
  - Category under Regulation 52-112: Supplementary financial measures.
  - Definition: New car loans disbursed during a period.
  - Purpose: Used to assess the Company's ability to generate new business in the car loan business unit.
  - Reconciliation: It is a component of the "Operating activities affecting cash: Purchases of investments" IFRS measure disclosed in the Company's financial statements.
- Car loan measure Finance receivables:
  - Category under Regulation 52-112: Non-IFRS financial measures that constitute historical information.
  - Definition: Includes car loans, accrued interest, and fees.
  - Purpose: Used to assess the Company's total receivable amounts in the car loan business unit.
  - Reconciliation: There is no directly comparable IFRS financial measure disclosed in the financial statements of the Company to which
    the measure relates.
- Car loan measure Average credit loss rate on car loans:
  - Category under Regulation 52-112: Non-IFRS ratio.
  - · Definition: Represents the total credit losses divided by the average finance receivables over the same period.
  - Purpose: Used to assess the Company's average credit performance in the car loan business unit.
  - Reconciliation: There is no directly comparable IFRS financial measure disclosed in the financial statements of the Company to which
    the measure relates.
- Dividend payout ratio:
  - Category under Regulation 52-112: Supplementary financial measure.
  - Definition: The percentage of net income attributed to common shareholders, on a reported basis, that is distributed to common shareholders in the form of dividends during the period.
  - Purpose: Indicates the percentage of the Company's reported revenues shareholders received in the form of dividends.
  - Reconciliation: The dividend payout ratio is the ratio of the dividend per common share paid during the period (an IFRS measure) divided by the reported earnings per common share for the period.
- Core dividend payout ratio:
  - Category under Regulation 52-112: Non-IFRS ratio.
  - Definition: The percentage of net income attributed to common shareholders, on a core earnings basis, that is distributed to common shareholders in the form of dividends during the period.
  - Purpose: Indicates the percentage of the Company's core revenues shareholders received in the form of dividends.
  - Reconciliation: The core dividend payout ratio is the ratio of the dividend per common share paid during the period (an IFRS measure) divided by the core earnings per common share for the period.
- Organic capital generation:
  - Category under Regulation 52-112: Supplementary financial measure.
  - Definition: Excess capital generated in the normal course of business, excluding the impact of the macroeconomic environment, where
    excess capital is the amount of capital over and above the target ratio, calculated under the CARLI guideline.
  - Purpose: Provides a measure of the Company's capacity to generate excess capital in the normal course of business.

#### Potential capital deployment:

- Category under Regulation 52-112: Supplementary financial measure.
- Definition: Amount of capital the Company can deploy for a transaction, taking into account all limits and constraints of the regulatory capital guideline and the Company's targets, assuming the transaction parameters to be the worst-case scenario.
- Purpose: Provides a measure of the Company's capacity to deploy capital for transactions.

## Total payout ratio (trailing 12 months):

- Category under Regulation 52-112: Supplementary financial measure.
- Definition: The sum of common dividends paid and common shares repurchased (buybacks) over the last twelve months divided by the net income available to common shareholders over the last twelve months.
- Purpose: Indicates the percentage of the Company's reported revenues shareholders received in the form of dividends over a twelve-month period.

## Sensitivity measures:

- Category under Regulation 52-112: Supplementary financial measures.
- Definition: The impact of macroeconomic variations, such as interest rate and equity market variations, on other Company metrics, such as net income or the solvency ratio.
- Purpose: Used to assess the Company's risk exposure to macroeconomic variations.

## • Financial leverage measure – Debentures/Capital:

- Category under Regulation 52-112: Supplementary financial measures.
- Definition: Calculated by dividing total debentures by the sum of total debentures plus shareholders' equity.
- *Purpose*: Provides a measure of the Company's financial leverage.
- Financial leverage measure Debentures + Preferred Shares issued by a subsidiary/Capital:
  - Category under Regulation 52-112: Supplementary financial measures.
  - Definition: Calculated by dividing the total debentures plus preferred shares issued by a subsidiary by the sum of total debentures plus shareholders' equity.
  - Purpose: Provides a measure of the Company's financial leverage.

#### Financial leverage measure – Coverage ratio:

- Category under Regulation 52-112: Non-IFRS ratio.
- Definition: Calculated by dividing earnings for the past twelve months (before interest and taxes) by the sum of interest, preferred shares issued by a subsidiary, and dividends and redemption premiums on preferred shares issued by a subsidiary (if applicable).
- Purpose: Provides a measure of the Company's ability to meet liquidity requirements for obligations when they come due.
- Reconciliation: There is no directly comparable IFRS financial measure disclosed in the financial statements of the Company to which
  the measure relates.

## Capitalization:

- Category under Regulation 52-112: Supplementary financial measures.
- Definition: The sum of the Company's equity, participating policyholders' accounts and debentures.
- Purpose: Provides an additional indicator for evaluating the Company's financial performance.
- Reconciliation: This measure is the sum of several IFRS measures.

#### Solvency ratio:

- Category under Regulation 52-112: In accordance with the Capital Adequacy Requirements Guideline Insurance of Persons (CARLI) revised in January 2021 by the Autorité des marchés financiers ("AMF"), this financial measure is exempt from certain requirements of Regulation 52-112.
- Definition: Calculated by dividing the sum of the available capital, the surplus allowance and the eligible deposits by the base solvency buffer.
- Purpose: Provides a measure of the Company's solvency and allows the regulatory authorities to determine if an insurance company is sufficiently capitalized in relation to the minimum set by the Company's regulator.

## Assets under administration (AUA):

- Category under Regulation 52-112: Supplementary financial measures.
- Definition: All assets with respect to which the Company acts only as an intermediary between a client and an external fund manager.
- Purpose: Used to assess the Company's ability to generate fees, particularly for investment funds and funds under administration.
- Reconciliation: There is no directly comparable IFRS financial measure disclosed in the financial statements of the Company to which the measure relates.

#### Assets under management (AUM):

- Category under Regulation 52-112: Non-IFRS financial measures that constitute historical information.
- Definition: All assets with respect to which the Company establishes a contract with a client and makes investment decisions for amounts deposited in this contract.
- Purpose: Used to assess the Company's ability to generate fees, particularly for investment funds and funds under administration.
- Reconciliation: "General fund assets" and "Segregated funds net assets" disclosed in the Company's financial statements are IFRS measures and components of the AUM calculation. A reconciliation with this measure is presented in this document.

- Individual Wealth Management mutual funds deposits, Group Savings and Retirement deposits, US Operations Dealer Services premium
  equivalents and Group Insurance Employee Plans ASO, Investment contracts and premium equivalents and deposits:
  - Category under Regulation 52-112: Supplementary financial measures.
  - Definitions:
    - a. Deposits refer to amounts received from clients under an investment contract. Deposits are not reflected in the Company's income statements.
    - b. Premium equivalents refer to amounts related to service contracts or services where the Company is primarily an administrator but could become an insurer if a specific event were to happen. These amounts are not accounted for in "Net premiums".
  - Purpose: Premiums, premium equivalents and deposits are one of many measures used to assess the Company's ability to generate income from in-force and new business.
- Individual Insurance minimum and excess premium sales, Individual Wealth Management gross and net mutual fund sales, Group Insurance Employee Plans sales, US Operations Individual Insurance sales, Group Insurance Special Markets sales, Group Insurance Dealer Services P&C sales, Group Savings and Retirement sales of accumulation contracts and insured annuities, US Operations Dealer Services sales and General Insurance sales:
  - Category under Regulation 52-112: Supplementary financial measures.
  - Definitions:
    - a. Individual Insurance minimum and excess premium sales are defined as first-year annualized premiums. The net premiums presented in the Consolidated Financial Statements include fund entries on both in-force contracts and new business written during the period and are reduced by premiums ceded to reinsurers.
    - b. Individual Wealth Management gross mutual fund sales are defined as deposits and include primary market sales of ETFs.
    - c. Individual Wealth Management net mutual fund sales correspond to net fund entries and are defined as Individual Wealth Management gross mutual fund sales less withdrawals and transfers.
    - d. Group Insurance Employee Plans sales are defined as first-year annualized premiums, including premium equivalents (Administrative Services Only).
    - e. US Operations Individual Insurance sales are defined as first-year annualized premiums.
    - Group Insurance Special Markets sales are defined as fund entries on both in-force contracts and new business written during the period.
    - g. Group Insurance Dealer Services P&C sales are defined as direct written premiums (before reinsurance).
    - h. Group Savings and Retirement sales of accumulation contracts and insured annuities include gross premiums (before reinsurance) and premium equivalents, or deposits.
    - i. US Operations Dealer Services sales are defined as direct written premiums (before reinsurance) and premium equivalents.
    - j. General Insurance sales are defined as direct written premiums.
  - Purpose: Used to assess the Company's ability to generate new business and serve as additional tools to help investors better assess the Company's growth potential.
  - Reconciliation: There is no directly comparable IFRS financial measure disclosed in the financial statements of the Company to which
    the measure relates.
- Group Insurance Dealer Services creditor insurance sales:
  - · Category under Regulation 52-112: Non-IFRS financial measures that constitute historical information.
  - Definition: Premiums before reinsurance and cancellations.
  - Purpose: Used to assess the Company's ability to generate new business and serve as an additional tool to help investors better assess
    the Company's growth potential in the Dealer Services division of the Group Insurance sector.
  - Reconciliation: There is no directly comparable IFRS financial measure disclosed in the financial statements of the Company to which
    the measure relates.

## **Forward-Looking Statements**

- This document may contain statements relating to strategies used by iA Financial Group or statements that are predictive in nature, that depend upon or refer to future events or conditions, or that include words such as "may", "will", "could", "should", "suspect", "expect", "anticipate", "intend", "plan", "believe", "estimate", and "continue" (or the negative thereof), as well as words such as "objective", "goal", "guidance", "outlook" and "forecast", or other similar words or expressions. Such statements constitute forward-looking statements within the meaning of securities laws. In this document, forward-looking statements include, but are not limited to, information concerning possible or assumed future operating results. These statements are not historical facts; they represent only expectations, estimates and projections regarding future events and are subject to change, particularly in light of the ongoing and evolving COVID-19 pandemic, its effect on the global economy and its uncertain impact on our operations.
- Although iA Financial Group believes that the expectations reflected in such forward-looking statements are reasonable, such statements involve risks and uncertainties, and undue reliance should not be placed on such statements. In addition, certain material factors or assumptions are applied in making forward-looking statements, and actual results may differ materially from those expressed or implied in such statements.
  - Material factors and risks that could cause actual results to differ materially from expectations include, but are not limited to: insurance, market, credit, liquidity, strategic and operational risks, such as: general business and economic conditions; level of competition and consolidation; changes in laws and regulations, including tax laws and changes made to capital and liquidity guidelines; risks associated with the political and social environment; risks related to climate change including the transition to a low-carbon economy and iA Financial Groups's ability to satisfy stakeholder expectations on environmental and social issues; date and cyber risks; risks related to human resources; hedging strategy risks; liquidity of iA Financial Group, including the availability of financing to meet existing financial commitments on their expected maturity dates when required; accuracy of information received from counterparties and the ability of counterparties to meet their obligations; the occurrence of natural or man-made disasters, international conflicts, pandemic diseases (such as the current COVID-19 pandemic) and acts of terrorism.
  - Material factors and assumptions used in the preparation of financial outlooks include, but are not limited to: accuracy of accounting policies and best estimate actuarial and economic assumptions used by the Company such as mortality, morbidity, longevity and policyholder behaviour; different business growth rates per business unit; no unexpected material changes in the economic, competitive, insurance, legal or regulatory environment; risks and conditions; and the Company's recent performance and results, as discussed elsewhere in this document.
- Potential impacts of the COVID-19 pandemic Since March 2020, the COVID-19 pandemic has had major, unprecedented implications for both society and the economy. The overall impact of the COVID-19 pandemic is still uncertain and depends on many factors, such as the progression of the virus, the emergence of new variants, the duration of the pandemic, potential treatments and therapies, the availability of vaccines, the effectiveness of government measures to slow the virus's spread and the impact of those measures on the economy. As a result, we cannot accurately predict the total bearing the pandemic will have, but the impact on iA Financial Group's business and financial results
- Additional information about the material factors that could cause actual results to differ materially from expectations and about material factors or assumptions applied in making forward-looking statements may be found in the "Risk Management" section of this Management's Discussion and Analysis for 2021, the "Management of Risks Associated with Financial Instruments" note to the audited consolidated financial statements for the year ended December 31, 2021, and elsewhere in iA Financial Group's filings with the Canadian Securities Administrators, which are available for review at sedar.com.
- The forward-looking statements in this document reflect iA Financial Group's expectations as of the date of this document. iA Financial Group does not undertake to update or release any revisions to these forward-looking statements to reflect events or circumstances after the date of this document or to reflect the occurrence of unanticipated events, except as required by law.

#### **Documents Related to the Financial Results**

All documents related to iA Insurance's financial results are available on the iA Financial Group website at <u>ia.ca</u>, under *About iA*, in the *Investor Relations/Financial Reports* section. More information about the Company can be found on the SEDAR website at <u>sedar.com</u>, as well as in the Company's Annual Information Form, which can be found on the iA Financial Group website or the SEDAR website.

# **2021 Management's Discussion and Analysis**

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<sup>&</sup>quot; This item is a non-IFRS measure; see the "Non-IFRS and Additional Financial Measures" section in this document for relevant information about such measures.

# **Highlights**

The Company had a solid year in 2021, once again demonstrating the soundness and strength of its business model. Net income attributed to the common shareholder amounted to \$821 million in 2021, compared to \$638 million in 2020.

In 2021, business growth continued the strong momentum that began in 2020, moving the Company closer to its growth ambition, which is to be a North American financial institution operating in sectors deemed strategically important where we can be the leader in the mass/mid markets. The Company's diversified business mix has provided synergies and complementarities that have led to record sales in several sectors. This excellent performance was also due in part to the scope and diversity of the Company's distribution networks, the range and relevance of its products, and the effectiveness of the digital tools available to representatives, clients and employees.

At the end of 2021, the adequacy of the Company's actuarial provisions was confirmed as the adjustment of actuarial assumptions had a slightly positive net impact on its net income.

iA Insurance's capital position remained solid and the solvency ratio was above its target throughout the year. The investment portfolio remained of the highest quality and credit ratings were raised by DBRS Morningstar and reaffirmed by Standard & Poor's and A.M. Best.

#### **Profitability**

Net income attributed to the common shareholder amounted to \$821 million in 2021, a 29% increase over 2020. Refer to the "Profitability" section of this Management's Discussion and Analysis for more information on the Company's profitability in 2021.

#### **Profitability**

(In millions of dollars, unless otherwise indicated)	2021	2020	Variation
Net income attributed to common shareholder	821	638	29%

#### **Business Growth**

Assets under management and administration reached record levels, ending the year at \$217.8 billion, an increase of 12% over the previous year. Premiums and deposits of nearly \$16.6 billion were up 19% compared to 2020. Sales growth was very strong in most lines of business. Refer to the "Business Growth" section of this Management's Discussion and Analysis for more information on the Company's business growth in 2021.

## **Financial Strength**

The Company's total capital increased by 12% during the year to reach nearly \$6.6 billion at December 31, 2021. As of the same date, the solvency ratio was 127% compared to 122% a year earlier. The increase of five percentage points during the year is essentially due to very strong organic capital generation. iA Insurance's solvency ratio remained above its target range. Once the debenture redemption of \$250 million announced on January 20, 2022 is completed, it will reduce the Company's solvency ratio by about three percentage points, for a pro forma ratio of 124% at December 31, 2021. For detailed comments on financial strength, including dividends and debt instruments, refer to the "Financial Position" section of this Management's Discussion and Analysis.

## **Quality of Investments**

The Company's investment portfolio continued to be of excellent quality in 2021. As presented in the table to the right, the proportion of net impaired investments decreased in 2021 and remained relatively low at 0.04% of total investments. In addition, bonds rated BB and lower accounted for just 0.91% of the bond portfolio. For detailed comments on investments, refer to the "Investments" section of this Management's Discussion and Analysis.

## **Investment Quality Indices**

	As at December 31		
	2021	2020	
Net impaired investments (\$M)	17	31	
Net impaired investments as a % of total investments	0.04%	0.07%	
Bonds – Proportion rated BB and lower	0.91%	1.00%	

## **Disposition**

On October 1, 2021, PPI Management Inc., a subsidiary of the Company, completed the sale of its PPI Benefits Inc. subsidiary to AGA Benefits Solutions. The sale reflects the decision of PPI Management Inc. to focus on its core business of individual insurance and support to independent advisors.

For more information on the disposition completed in 2021, refer to Note 4 of the Company's consolidated financial statements entitled *Disposal of Businesses*.

#### Litigation

iA Insurance was involved in litigation with a third party, Ituna Investment LP, which was seeking to use insurance contracts for purposes unrelated to insurance. On November 4, 2021, the Supreme Court of Canada released its decision that it had refused to hear the appeal. The decision of the Saskatchewan Court of Appeal of March 10, 2021, which was favourable to iA, is thus confirmed, putting an end to the litigation.

This item is a non-IFRS measure; see the "Non-IFRS and Additional Financial Measures" section in this document for relevant information about such measures.

## **Changes to Accounting Policies in 2021 and Future Changes in Accounting**

The International Accounting Standards Board (IASB) issued a number of amendments and new standards that took effect on January 1, 2021. None of these amendments or standards had an impact on the Company's financial statements. For more information on these amendments and new standards, refer to Note 3 of the consolidated financial statements, entitled "Changes in Accounting Policies." Also, on December 9, 2021, the IASB published a narrow-scope amendment to the transition requirements for entities that first apply IFRS 17 *Insurance Contracts* and IFRS 9 *Financial Instruments* at the same time to improve the usefulness of the comparative information at the time of initial application. Lastly, the Company is continuing its work related to the application of IFRS 17 *Insurance Contracts*, which is scheduled to take effect on January 1, 2023. The Company is currently evaluating the impact of this standard on its financial statements.

#### **Outlook for 2022**

iA Financial Group held a virtual Investor Event in March 2021, where management discussed the Company's strategy and outlook for the coming years. Remaining focused on the execution of this strategy and outlook, the Company recorded solid results in 2021, once again demonstrating the soundness and strength of its business model. The balance sheet remains robust and the Company has the protection and resources it needs to adjust to macroeconomic fluctuations. The Company is therefore well positioned to grow its earnings and maintain its financial strength.

Profit growth in 2022 is expected to come from:

- · Organic growth, which refers to normal growth in expected profit on in-force
- · Profitability improvement initiatives
- · Acquisitions and technology improvements made in recent years
- · Initiatives to fully leverage the Company's strong and diversified distribution networks

The Company's outlook for 2022 constitutes forward-looking information within the meaning of securities laws. Although the Company believes that its outlook for 2022 is reasonable, such statements involve risks and uncertainties and undue reliance should not be placed on such statements. Factors that could cause actual results to differ materially from expectations include, but are not limited to: insurance, market, credit, liquidity, strategic and operational risks. In addition, certain material factors or assumptions are applied in preparing the outlook for 2022, including but not limited to: accuracy of accounting policies and best estimate actuarial and economic assumptions used by the Company; continued business growth; changes in the economic, competitive, insurance, legal or regulatory environment; risks and conditions; and the Company's recent performance and results, as discussed elsewhere in this document. The Company's outlook for 2022 serves to provide all stakeholders with a basis for adjusting their expectations with regards to the Company's performance throughout the year and may not be appropriate for other purposes. Additional information about risk factors and assumptions applied may be found in the "Forward-looking Statements" section of this document.

<sup>&</sup>quot; This item is a non-IFRS measure; see the "Non-IFRS and Additional Financial Measures" section in this document for relevant information about such measures

# **Business Growth**

## Assets Under Management and Administration<sup>a</sup>

Assets under management and administration grew by 12% to reach \$217.8 billion at December 31, 2021.

## Premiums and Deposits<sup>a</sup>

Total premiums and deposits were up 19% year over year in 2021, totalling nearly \$16.6 billion, thanks to the contribution of most sectors, particularly Individual Wealth Managements and US Operations.

## Sales

Individual Insurance sales totalled \$286 million in 2021, up 28% from a year earlier. Excess premium rose 10%, while minimum premiums grew 30%. In Individual Wealth Management, both segregated fund and mutual fund sales were strong, with respective sales of \$4.8 billion and \$3.1 billion in 2021. For general funds, sales were up 7% to reach \$891 million in 2021. Total sales grew 37% year over year to exceed \$8.8 billion.

In Group Insurance, 2021 sales "totalled \$135 million in the Employee Plans division, similar to the total sales of \$136 million recorded a year earlier. In the Dealer Services division, sales "amounted to over \$1 billion in 2021, up 15% from a year earlier, despite auto sales being impacted by vehicle inventory shortages. In the Special Markets division, sales were up 5%, totalling \$215 million in 2021.

Group Savings and Retirement posted good sales" of nearly \$2.8 billion in 2021, which compares to a very strong year in 2020 with \$3.1 billion in sales. In US Operations, the momentum continued in both divisions. Sales" in the Individual Insurance division totalled US\$135 million, up 6% from 2020. The Dealer Services division posted strong sales" growth of 47% year over year to reach US\$806 million in 2021, despite vehicle inventory shortages.

At iA Auto and Home, sales totalled \$432 million in 2021, up 9% from a year earlier.

Assets Under Management and Administration <sup>®</sup>			
	As at December 31		
(In millions of dollars, unless otherwise indicated)	2021	2020	Variation
Assets under management	108,101	98,647	10%
Assets under administration	109,687	95,830	14%
Total	217,788	194,477	12%
Premiums and Deposits <sup>x,1</sup>			
(In millions of dollars, unless otherwise indicated)	2021	2020	Variation
Individual Insurance	1,758	1,625	8%
Individual Wealth Management	8,775	6,418	37%
Group Insurance	1,883	1,715	10%
Group Savings and Retirement	2,773	3,056	(9%)
US Operations	983	751	31%
General Insurance	397	345	15%
Total	16,569	13,910	19%

<sup>1</sup> Premiums and deposits include all premiums collected by the Company for its insurance and annuity activities (and posted to the Company's general fund), all amounts collected for segregated funds (which are also considered to be premiums), deposits from the Group Insurance and Group Savings and Retirement sectors and mutual fund deposits.

This item is a non-IFRS measure; see the "Non-IFRS and Additional Financial Measures" section in this document for relevant information about such measures

Sales by Line of Business <sup>a</sup>			
(In millions of dollars, unless otherwise indicated)	2021	2020	Variation
Individual Insurance			
Minimum premiums	263	202	30%
Excess premiums	23	21	10%
Total	286	223	28%
Individual Wealth Management			
General fund	891	836	7%
Segregated funds	4,818	3,080	56%
Mutual funds	3,066	2,502	23%
Total	8,775	6,418	37%
Group Insurance			
Employee Plans	135	136	(1%)
Dealer Services <sup>2</sup>	1,026	896	15%
Special Markets	215	205	5%
Total	1,376	1,237	11%
Group Savings and Retirement	2,798	3,083	(9%)
US Operations		<u> </u>	
Individual Insurance (\$US)	135	127	6%
Dealer Services (\$US)	806	547	47%
iA Auto and Home	432	395	9%

<sup>&</sup>lt;sup>2</sup> Includes creditor insurance, P&C products and car loan originations.

<sup>&</sup>lt;sup>a</sup> This item is a non-IFRS measure; see the "Non-IFRS and Additional Financial Measures" section in this document for relevant information about such measures

# **Profitability**

#### **Highlights**

The Company ended the year with net income attributed to the common shareholder of \$821 million in 2021, compared to \$638 million a year earlier. Industrial Alliance Insurance and Financial Services Inc. became a subsidiary of iA Financial Corporation Inc. on January 1, 2019 pursuant to a plan of arrangement. Under this plan of arrangement, iA Financial Corporation is the successor issuer of iA Insurance. See the "Notice" at the beginning of this Management's Discussion and Analysis for more information about the legal constitution of the Company.

## Assumption Changes, Risk Management Initiatives and Management Actions

At the end of each quarter, the Company ensures the adequacy of its provisions given the existing economic environment. It also updates its valuation assumptions at the end of each year to take into account the most recent developments in the economic and financial environment as well as its own experience and that of the industry in terms of mortality, morbidity, lapse rates, unit costs and other factors.

In 2021, management actions and changes in the actuarial assumptions used to calculate net insurance contract liabilities (for non-participating business) had a positive net impact on operating profit of \$2 million before tax, and can be broken down as follows:

- Mortality and morbidity A reserve increase of \$39 million before tax resulted from the outcome of the Company's annual mortality and morbidity studies and from the increase of the additional protection in the reserves for pandemic uncertainty. The latter reflects the most recent trend in additional mortality claims due to direct and indirect impacts of the pandemic. The value of this additional protection for excess mortality was \$37 million before tax at the end of 2021.
- Policyholder behaviour (lapse) A reserve increase of \$10 million before tax resulted from the net outcome of the Company's annual policyholder behaviour studies and from the decrease of the additional protection in the reserves for pandemic uncertainty. The annual studies led to a reserve increase mainly to reflect the lapse experience of some critical illness products. With respect to additional protections in the reserves for pandemic uncertainty, these have been reduced since no adverse policyholder behaviour due to pandemic-related economic uncertainty was recorded in 2021. The value of this additional protection for adverse policyholder behaviour was \$20 million before tax at the end of 2021.
- Economic assumptions A reserve release of \$47 million before tax resulted from the revision of investment and economic assumptions.
- Expenses and other A reserve release of \$4 million before tax was recorded due to the favourable impact of policy liability modelling refinements, which more than offset the expense assumption adjustment resulting from the Company's annual expense study.

For more details, refer to Note 14 to the financial statements, entitled "Insurance Contract Liabilities and Investment Contract Liabilities."

This item is a non-IFRS measure; see the "Non-IFRS and Additional Financial Measures" section in this document for relevant information about such measures

# **Analysis According to the Financial Statements**

## **Annual Results**

Following are the Company's financial results for the years ended December 31, 2021, 2020 and 2019.

## **Consolidated Income Statement**

(In millions of dollars, unless otherwise indicated)	2021	2020	2019
Revenues			
Net premiums	12,952	11,053	8,944
Investment income	188	4,662	4,639
Other revenues	2,010	1,718	1,680
Total	15,150	17,434	15,262
Policy benefits and expenses			
Net policy benefits	6,945	5,250	5,392
Net transfers to segregated funds	3,278	2,872	917
Increase (decrease) in insurance contract liabilities	(45)	5,760	4,773
Increase (decrease) in investment contract liabilities	(1)	34	27
Decrease (increase) in reinsurance assets	(76)	(737)	(44)
Commissions	2,134	1,757	1,654
General expenses	1,616	1,521	1,468
Premium and other taxes	141	128	128
Financing charges	53	52	56
Total	14,045	16,637	14,371
Income before income taxes	1,105	797	891
Less: income taxes	255	138	188
Net income	850	662	703
Less: net income attributed to participating policyholders	7	(1)	(10)
Net income attributed to shareholders	843	660	713
Less: preferred share dividends	22	22	22
Net income attributed to common shareholder	821	638	691
Earnings per common share (EPS) – Basic	\$7.56	\$5.87	\$6.36

## **Net Income Attributed to Common Shareholder**

The 29% increase in net income attributed to the common shareholder between 2021 and 2020 is explained by the items mentioned below.

#### Revenues

Revenues, whose three components are presented in the above table, totalled nearly \$15.2 billion in 2021, a decrease of 13% compared to 2020. This decrease is mainly due to a decrease in investment income of nearly \$4.5 billion, which is mainly attributable to the change in the fair value of investments stemming from variations in interest rates and stock markets. Generally speaking, variations in the fair value of investments are largely neutralized by corresponding variations in insurance contract liabilities, making their impact on net income fairly minimal. Net premiums increased by almost \$1.9 billion in 2021, or 17% compared to 2020. Growth was observed in almost all sectors, mainly from individual savings products such as segregated funds and guaranteed investment certificates. Business growth from Individual Wealth Management also contributed to the increase in other revenues.

<sup>\*</sup> This item is a non-IFRS measure; see the "Non-IFRS and Additional Financial Measures" section in this document for relevant information about such measures.

The following table provides more details regarding the composition of revenues by sector.

#### Revenues by Sector

#### Year ended December 31, 2021

(In millions of dollars)	Individual Insurance	Individual Wealth Man.	Group Insurance	Group Savings and Retirement	US Operations	Other	Total
Net premiums	1,758	5,709	1,728	2,746	614	397	12,952
Variation vs. 2020	133	1,793	154	(272)	39	52	1,899
Invest. income	56	(149)	114	29	(17)	155	188
Variation vs. 2020	(3,536)	(298)	(81)	(358)	(206)	5	(4,474)
Other revenues	142	1,780	49	118	146	(225)	2,010
Variation vs. 2020	24	279	(5)	13	9	(29)	291
Total	1,956	7,340	1,891	2,893	743	327	15,150
Variation vs. 2020	(3,379)	1,774	68	(617)	(158)	28	(2,284)

#### **Policy Benefits and Expenses**

Policy benefits and expenses were down nearly \$2.6 billion in 2021 compared to 2020. The main item contributing to this decrease is a \$5.8 billion variation for insurance contract liabilities compared to 2020 of , essentially due to the increase in interest rates this year, compared to a decrease last year. The variation in this liability during a given period reflects a number of factors, including the variation in the fair value and the return on assets matched to the provisions for future policy benefits, the variation in net policy premiums and benefits, net transfers to segregated funds and variations in the provisions for future policy benefits due to assumption changes.

The decrease in policy benefits and expenses was partially offset by the following:

- An increase in net policy benefits of nearly \$1.7 billion, mostly in Group Savings and Retirement, reflecting the normal course of business for group
  contracts. Net policy benefits include benefits paid due to death, disability, illness, claims or contract terminations, as well as annuity payments.
- A lower variation related to reinsurance assets in 2021 compared to 2020 (\$661 million). This item is generally influenced by the same factors that
  influence the variation in insurance contract liabilities.
- An increase in net transfers to segregated funds compared to 2020, as premium growth exceeded benefit growth (\$406 million).
- An increase in commissions compared to the previous year (\$377 million), which primarily stems from growth of the in-force block of business.
   Commissions correspond to the compensation of financial advisors for new sales and certain in-force contracts.
- An increase in general expenses, mainly due to business growth (\$95 million).

#### **Income Taxes**

The consolidated financial statements indicate an income tax expense of \$255 million in 2021, compared to \$138 million in 2020. These amounts represent the Company's tax expense net of all adjustments for prior years. The increase in 2021 is mainly due to higher income before income taxes.

#### **Quarterly Results**

Below is a summary of the Company's quarterly results, taken from the financial statements for the last eight quarters. The analysis in this section focuses primarily on the Company's results for the fourth quarter of 2021. Generally speaking, the terminology used in this section is the same terminology used in the financial statements.

#### **Net premiums**

Net premiums amounted to nearly \$3.3 billion in the fourth quarter, a year-over-year increase of 8%. This variation is mainly explained by significant net premium growth in the Individual Wealth Management sector, mitigated by a decrease in the Groups Savings and Retirement sector.

Stock market variations, the level of premiums invested in segregated funds and the signing of new agreements with large groups in both group lines of business are some of the factors that contribute to the fluctuation of premiums from one quarter to another.

Net premiums include the amounts invested by insureds in the Company's segregated funds, but exclude those invested by clients in mutual funds.

This item is a non-IFRS measure; see the "Non-IFRS and Additional Financial Measures" section in this document for relevant information about such measures.

#### **Investment Income**

In the fourth quarter of 2021, investment income was up \$1,092 million from the same quarter in 2020. This was primarily due to an increase in the fair value of bond investments and derivative financial instruments resulting from the variation in interest rates, exchange rates and market rates.

Investment income fluctuates in large part based on the fair value of investments, which is influenced by changes in interest rates, stock markets and issuer spreads, particularly for bonds, equities and derivatives. Investment income also varies based on interest income, dividends, rental income from real estate, and realized profits and losses on the disposition of available-for-sale assets.

From an accounting standpoint, the majority of stocks and bonds are classified as *Designated at fair value through profit or loss* and are used as underlying assets for the provisions for future policy benefits. The variation in the fair value of these assets is therefore reflected in the increase (decrease) in insurance contract liabilities.

#### **Other Revenues**

Other revenues represent fees earned from the management of segregated funds and mutual funds, income from administrative services only (ASO) contracts, and fee income from the Company's brokerage subsidiaries and assets managed for third parties. Other revenues for the fourth quarter of 2021 were up \$102 million, or 23%, year over year. This variation came mainly from the Individual Wealth Management sector.

#### **Quarterly Results**

	2021				2020			
(In millions of dollars, unless otherwise indicated)	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1
Revenues								
Net premiums	3,275	3,293	3,061	3,323	3,032	3,171	2,104	2,746
Investment income	2,063	(47)	1,727	(3,555)	971	394	4,155	(858)
Other revenues	542	515	486	467	440	422	418	438
Total	5,880	3,761	5,274	235	4,444	3,987	6,677	2,326
Income before income taxes	281	292	303	229	216	274	261	46
Income taxes	64	67	67	57	34	50	56	(2)
Net income	217	225	236	172	185	224	205	48
Less: net income attributed to participating policyholders	10	3	(1)	(5)	(5)	(4)	7	1
Net income attributed to shareholders	207	222	237	177	187	228	198	47
Less: preferred share dividends	5	6	5	6	5	6	5	6
Net income attributed to common shareholder	202	216	232	171	182	222	193	41
Earnings per common share (basic)	\$1.86	\$1.99	\$2.14	\$1.57	\$1.68	\$2.04	\$1.78	\$0.37
Net transfers to segregated funds	1,004	1,018	845	411	1,038	622	524	688
Increase (decrease) in insurance contract liabilities	1,890	96	1,789	(3,820)	1,494	950	4,018	(702)
Increase (decrease) in investment contract liabilities	5	1	7	(14)	9	3	21	1
Total general fund assets	51,707	51,000	49,920	49,071	50,653	50,157	49,160	46,534
Segregated funds net assets	39,577	36,886	35,837	33,449	32,815	30,131	28,505	25,460

This item is a non-IFRS measure; see the "Non-IFRS and Additional Financial Measures" section in this document for relevant information about such measures.

# **Financial Position**

# **Capitalization and Solvency**

## Capitalization

iA Insurance's capital structure can be divided into three categories: equity, debentures, and participating policyholders' accounts. At December 31, 2021, the Company's capital reached \$6.6 billion, a year-over-year increase of 12%, with equity and participating policyholders' accounts representing 90% of total capital.

The favourable variation in 2021 is mainly due to the increase in retained earnings resulting from profits realized during the year, net of dividends paid to iA Financial Corporation, iA Insurance's sole common shareholder.

## Capital Structure<sup>®</sup>

		As at December 31				
(In millions of dollars)	2021	2020	2019	2018	2017	
Equity						
Common shares	1,655	1,655	1,656	1,656	1,521	
Preferred shares	525	525	525	525	375	
Retained earnings <sup>3,4</sup>	3,628	2,864	3,460	3,440	3,073	
Contributed surplus	_			23	20	
AOCI <sup>5</sup>	75	150	76	23	49	
Subtotal	5,883	5,194	5,717	5,666	5,037	
Debentures <sup>6</sup>	653	653	652	901	996	
Participating policyholders' accounts <sup>5</sup>	48	41	42	52	41	
Total	6,584	5,888	6,411	6,620	6,074	

## **Solvency**

The Company's solvency ratio under the Capital Adequacy Requirements for Life and Health Insurance (CARLI) Guideline issued by the Autorité des marchés financiers (AMF) was 127% at December 31, 2021, compared to 122% at December 31, 2020. The increase of five percentage points during the year is essentially due to very strong organic capital generation. At December 31, 2021, the solvency ratio remained above the target range. When the debenture redemption of \$250 million announced on January 20, 2022 is completed, it will reduce the Company's solvency ratio by about three percentage points, for a pro forma ratio of 124% at December 31, 2021. The Company will be well positioned at the start of 2022 and will continue to maintain its solvency ratio above its target range.

	As at Decer	mber 31
(In millions of dollars, unless otherwise indicated)	2021	2020
Available capital and surplus allowance	9,732	8,829
Base solvency buffer	7,636	7,246
Solvency ratio <sup>n</sup>	127%	122%

In the fourth quarter of 2018, the Company made an adjustment to the estimates used to establish income taxes payable in prior periods by decreasing the retained earnings as at January 1, 2017 by \$58 million.

<sup>4</sup> In the fourth quarter of 2019, an adjustment retroactive to January 1, 2018 was made transferring \$7 million from retained earnings to participating policyholders' accounts.

<sup>&</sup>lt;sup>5</sup> AOCI: Accumulated other comprehensive income.

<sup>6</sup> Items considered as long-term debt and included in the debt ratio calculation.

Please refer to the "Forward-Looking Statements" section of this document.

This item is a non-IFRS measure; see the "Non-IFRS and Additional Financial Measures" section in this document for relevant information about such measures.

## **Redemption and Issue of Financial Instruments**

No financial activities, issuances or redemptions were completed in 2021.

On January 20, 2022, iA Insurance announced the redemption of \$250 million in debentures to be completed on February 23, 2022.

#### **Debentures**

The Company had two series of debentures on its balance sheet at December 31, 2021, with a total book value of \$649 million. These two series, which are detailed in the table later in this section, were classified as financial liabilities at amortized cost. The debentures represent direct unsecured obligations of the Company that are subordinate to those of the Company's policyholders and other creditors. In 2021, the financing expense, made up of interest and the amortization of issuance costs, amounted to \$20 million, similar to in 2020.

#### **Common Shares**

The Company has only one class of common shares, which are 100% owned by iA Financial Corporation. The Company's common shares must be 100% owned by iA Financial Corporation, directly or indirectly, at all times.

#### **Preferred Shares**

In 2021, the Company paid \$22 million in dividends to preferred shareholders with Class A Shares, Series B, G and I. The Company's capital currently includes these three series of Class A Preferred Shares, as shown in the full-page table later in this section.

## **Declaration of Fourth Quarter Dividends**

iA Insurance paid no dividend in the fourth quarter of 2021. For the first quarter of 2022, the Board of Directors of iA Insurance approved no dividend to its sole common shareholder, iA Financial Corporation. As a result, no dividend should be paid by iA Insurance to iA Financial Corporation during the first quarter of 2022.

Following are the amounts and dates of payment and closing of registers for common shares and the various categories of preferred shares.

The Board of Directors of Industrial Alliance Insurance and Financial Services Inc. has declared the payment of a quarterly dividend of \$0.2875 per non-cumulative Class A Preferred Share – Series B. The dividend is payable in cash on March 31, 2022, to the preferred shareholders of record as at March 4, 2022.

The Board of Directors of Industrial Alliance Insurance and Financial Services Inc. has declared the payment of a quarterly dividend of \$0.2360625 per non-cumulative Class A Preferred Share – Series G. The dividend is payable in cash on March 31, 2022, to the preferred shareholders of record as at March 4, 2022.

The Board of Directors of Industrial Alliance Insurance and Financial Services Inc. has declared the payment of a quarterly dividend of \$0.3000 per non-cumulative Class A Preferred Share – Series I. The dividend is payable in cash on March 31, 2022, to the preferred shareholders of record as at March 4, 2022.

For the purposes of the *Income Tax Act* (Canada) and any corresponding provincial and territorial tax legislation, all dividends paid by Industrial Alliance Insurance and Financial Services Inc. on its preferred shares are eligible dividends.

<sup>&</sup>quot; This item is a non-IFRS measure; see the "Non-IFRS and Additional Financial Measures" section in this document for relevant information about such measures.

#### Preferred Shares and Debentures - Industrial Alliance Insurance and Financial Services Inc.

#### Class A Preferred Shares - Series B

Number: 5,000,000 Nominal value: \$125 million

Book value: Shares recognized at their acquisition value

Dividend: Fixed non-cumulative quarterly dividend of \$0.2875 per preferred share

Voting rights: No voting rights

Conversion: Not convertible into common shares

Redeemable in whole or in part at the option of the Company, subject to approval by the Autorité des marchés financiers (AMF), on or after Redemption:

#### Class A Preferred Shares - Series G

10,000,000 Number: Nominal value: \$250 million

Book value: Shares recognized at their acquisition value

Dividend: Non-cumulative 5-year rate reset quarterly dividend at an initial annual rate of \$1.0750 in cash per preferred share until June 30, 2017. The annual

rate was modified on June 30, 2017 to \$0.94425 in cash per preferred share.

Voting rights: No voting rights

Conversion: Convertible at the option of the holder to Class A Preferred Shares - Series H on June 30, 2017 and on June 30 every 5 years thereafter. Redeemable in whole or in part at the option of the Company, subject to approval by the AMF, on June 30, 2017 and on June 30 every 5 years Redemption:

#### Class A Preferred Shares - Series I

Number: 6,000,000 Nominal value: \$150 million

Book value: Shares recognized at their acquisition value

Non-cumulative 5-year rate reset quarterly dividend at an initial annual rate of \$1.20 in cash per preferred share until March 31, 2023. On Dividend:

March 31, 2023 and on March 31 every 5 years thereafter, the dividend rate will be adjusted to equal the sum of the then current 5-year Government of Canada bond yield plus 2.75%.

Voting rights: No voting rights

Conversion: Convertible at the option of the holder to Class A Preferred Shares - Series J on March 31, 2023 and on March 31 every 5 years thereafter.

Redeemable in whole or in part at the option of the Company, subject to approval by the AMF, on March 31, 2023 and on March 31 every 5 years Redemption:

## Subordinated debentures issued on February 23, 2015 and maturing on February 23, 2027

Nominal value: \$250 million Book value: \$250 million

2.64% until February 23, 2022. After that date, the interest rate will be a variable annual rate of return equal to the three-month CDOR (Canadian Interest:

Dollar Offered Rate), plus 1.08%, payable quarterly.

Redemption and repayment: Redeemable by the Company on or after February 23, 2022, in whole or in part, subject to prior approval by the regulatory bodies. The book value

of these debentures includes the transaction costs and the premium at issue for a total of \$0.3 million.

#### Subordinated debentures issued on September 16, 2016 and maturing on September 15, 2028

Nominal value: \$400 million Book value: \$399 million

3.30% until September 15, 2023. After that date, the interest rate will be a variable annual rate of return equal to the three-month CDOR, plus Interest:

2.14%, payable quarterly

Redeemable by the Company on or after September 15, 2023, in whole or in part, subject to prior approval by the regulatory bodies. The book Redemption and repayment:

value of these debentures includes the transaction costs and the premium at issue for a total of \$1.0 million.

More information about the features of the preferred shares and debentures can be found in the prospectus documents, which are available on the Company's website at ia.ca in the Investor Relations section under About iA.

This item is a non-IFRS measure; see the "Non-IFRS and Additional Financial Measures" section in this document for relevant information about such measures

#### **Disclosure Controls and Procedures**

Disclosure controls and procedures are designed to provide reasonable assurance that all material information is gathered and reported in a timely fashion to senior management, in particular the President and Chief Executive Officer and the Executive Vice-President, Chief Financial Officer and Chief Actuary in order that appropriate decisions may be made regarding disclosure. These controls and procedures are also designed to ensure that the information is gathered, recorded, processed, condensed and reported within the time frames prescribed by Canadian securities regulations.

The Company's President and Chief Executive Officer and the Executive Vice-President, Chief Financial Officer and Chief Actuary are responsible for establishing and maintaining the controls and procedures for disclosing the Company's information. Following an evaluation carried out by these senior officers as at December 31, 2021, the Company's disclosure controls and procedures were deemed to be effective.

## **Internal Control Over Financial Reporting**

The Company's internal control over financial reporting is designed to provide reasonable assurance that the Company's financial reporting is reliable and that, for the purposes of publishing its financial information, the financial statements have been prepared in accordance with International Financial Reporting Standards (IFRS).

The Company's President and Chief Executive Officer and the Executive Vice-President, Chief Financial Officer and Chief Actuary are responsible for establishing and maintaining the Company's internal control over financial reporting as defined in Multilateral Instrument 52-109 (*Certification of Disclosure in Issuers' Annual and Interim Filings*). As at December 31, 2021, they evaluated the effectiveness of the internal control over financial reporting using the framework and criteria established in the *Internal Control – Integrated Framework* report published by the Committee of Sponsoring Organizations of the Treadway Commission. Following this evaluation, they concluded that the internal control over financial reporting was effective. During the year, no changes had, or are reasonably likely to have had, a material impact on internal control over financial reporting.

## **Significant Accounting and Actuarial Policies**

The consolidated financial statements are prepared in accordance with International Financial Reporting Standards (IFRS).

For more information on significant accounting policies, refer to Note 2 of the Company's consolidated financial statements.

The preparation of the financial statements requires that management make judgments, estimates and assumptions that affect the reported amounts of assets and liabilities, net income and additional information. Actual results may differ from management's estimates. The estimates and assumptions are revised periodically based on changes in relevant facts and circumstances. The changes are then accounted for in the period in which the revisions are made and in all subsequent periods affected by the revisions. The most significant estimates and judgments pertain to the classification of contracts and the determination of policy liabilities.

## **Other Items**

## **Related Party Transactions**

Related party transactions are described in Note 27 of the Company's consolidated financial statements.

## **Guarantees, Commitments and Contingencies**

In the normal course of business, the Company frequently signs various types of contracts or agreements which, in certain cases, can be considered to be guarantees, commitments or contingencies.

As at December 31, 2021, the Company's contractual obligations and commitments were as follows:

## Contractual Obligations - Payments Due by Period

		As at December 31, 2021				
(In millions of dollars)	Total	Less than 1 year	1 year to 5 years	More than 5 years		
Debentures	653	250	_	403		
Lease liabilities	112	19	52	41		
Purchasing commitments	341	90	251	_		
Other long-term commitments	3,694	2,373	793	528		
Total of contractual obligations	4,800	2,732	1,096	972		

For more information on commitments to third parties, investment commitments and the Company's lines of credit, refer to Note 28 of the consolidated financial statements.

This item is a non-IFRS measure; see the "Non-IFRS and Additional Financial Measures" section in this document for relevant information about such measures.

## **Credit Ratings**

iA Financial Corporation and its subsidiaries receive credit ratings from three independent rating agencies: Standard & Poor's, DBRS Morningstar and A.M. Best. These ratings, presented in the table below, confirm the financial strength of the Company and its ability to meet its commitments to policyholders and creditors.

In 2021, the credit ratings assigned by Standard & Poor's and A.M. Best remained unchanged, with a stable outlook.

In March 2021, DBRS Morningstar raised the issuer credit and financial strength ratings of Industrial Alliance Insurance and Financial Services from A (high) to AA (low), the subordinated debentures rating from A to A (high) and the non-cumulative preferred shares rating from Pfd-2 (high) to Pfd-1 (low). The rating upgrades reflect the effort made by the Company in the past few years to improve its risk profile, in particular its sensitivity to market-related risks, and its shift towards less capital-intensive products. Note that DBRS Morningstar also removed the ratings from Under Review with Positive Implications, where they were placed in December 2020, now assigning a stable outlook.

## **Credit Ratings**

iA Financial Corporation Inc.

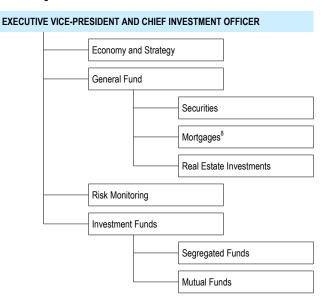
Agency	Type of evaluation	Rating
Standard & Poor's	Issuer Credit Rating	A
	Subordinated Debentures	A-
DBRS Morningstar	Issuer Rating	A
	Subordinated Debentures	A (low)
Industrial Alliance Insurance	ce and Financial Services Inc.	
Standard & Poor's	Issuer Credit Rating	AA-
	Financial Strength Rating	AA-
	Subordinated Debentures	A+
	Preferred Shares – Canadian scale	P-1 (Low)
	Preferred Shares – Global scale	Α
DBRS Morningstar	Financial Strength	AA (low)
	Issuer Rating	AA (low)
	Subordinated Debentures	A (high)
	Preferred Shares	Pfd-1 (low)
A.M. Best	Financial Strength	A+ (Superior)
	Issuer Credit Rating	aa- (Superior)
	Subordinated Debentures	а
	Preferred Shares	а-
IA American Life Group Ent Security Life Insurance Cor	tities (IA American Life Insurance Company, American-Amic mpany, Pioneer American Insurance Company, Occidental L	able Life Insurance Company of Texas, Pioneer ife Insurance Company of North Carolina)
A.M. Best	Financial Strength	A (Excellent)
	Issuer Credit Rating	a (Excellent)
Industrial Alliance Pacific G	General Insurance Corporation	
A.M. Best	Financial Strength	A (Excellent)
	Issuer Credit Rating	a+
Dealers Assurance Compa	ny	
A.M. Best	Financial Strength	A (Excellent)
A.IVI. DESI	i manolar curongui	7 ( ( ( ) ( ) ( ) ( ) ( ) ( ) ( )

This item is a non-IFRS measure; see the "Non-IFRS and Additional Financial Measures" section in this document for relevant information about such measures.

# **Investments**

## **Description of Sector**

The Investments sector has two main functions: managing the assets in the Company's general fund and managing the investment funds offered to its clients. All of iA Financial Group's investment activities, including those associated with its U.S. operations, are combined under a single authority and share a common philosophy. The Investment management structure is illustrated below.



Most of iA Financial Group's investment professionals look after asset allocation and securities selection for the general fund and for a number of segregated and mutual funds, in addition to overseeing all external managers.

The general fund experts manage a diverse range of investments, including bonds, stocks, mortgages, real estate investments, short-term investments and derivatives.

The risk monitoring team is responsible for developing a global vision for the control and monitoring of the various investment risks (interest rate, stock market, foreign currency, credit, liquidity, etc.). It is also responsible for analyzing and monitoring active risk and risks related to investment funds. In addition to quantifying the risks, the team helps develop strategies for managing these risks effectively.

Sustainable Investment Approach

The Responsible Investment Policy, Sustainable Development Policy and Proxy Voting Policy provide guidance on how our investment teams incorporate ESG considerations into investment management and stewardship activities in a consistent and comprehensive manner.

When assets are managed internally, Industrial Alliance Investment Management Inc. (iAIM) portfolio managers and analysts are expected to adhere to the guiding principles of the Responsible Investment Policy, in particular the incorporation of ESG considerations into the investment process. iAIM regularly assesses the application of this Policy across its investment portfolios. When assets are managed by an external manager, we review their Responsible Investment policy and practices as part of the selection process, as well as on a regular, ongoing basis.

<sup>&</sup>lt;sup>8</sup> The Company withdrew from the residential mortgage market in 2020. The mortgage portfolio is now made up of multi-unit residential and non-residential loans.

This item is a non-IFRS measure; see the "Non-IFRS and Additional Financial Measures" section in this document for relevant information about such measures.

## Assets Under Management and Administration

At December 31, 2021, the Company had \$217.8 billion in assets under management and administration, an increase of \$23.3 billion, or 12%, versus the previous year.

## **Assets Under Management and Administration**

		A	As at December 31		
(In millions of dollars)	2021	2020	2019	2018	2017
Assets under management <sup>a</sup>					
General fund	51,707	50,653	44,503	39,760	37,789
Segregated funds	39,577	32,816	27,868	23,781	24,117
Mutual funds	13,955	11,393	11,594	10,833	11,723
Other	2,862	3,797	15,500	14,721	15,123
Subtotal	108,101	98,659	99,465	89,094	88,753
Assets under administration <sup>a</sup>	109,687	95,830	89,246	79,678	80,787
Total	217,788	194,489	188,711	168,772	169,540

Assets under management, which are made up of amounts in the general fund, segregated funds and mutual funds, as well as certain assets managed for third parties (classified as *Other*), increased 10% compared to the previous year, amounting to \$108.1 billion at December 31, 2021.

Assets under administration of \$109.7 billion at December 31, 2021 increased 14% compared to the previous year. Assets under administration essentially include third-party assets that are administered through the mutual fund brokerage company (Investia Financial Services<sup>9</sup>), the securities brokerage company (iA Private Wealth<sup>10</sup>) and the trust company (iA Trust).

## **General Fund**

#### **General Fund Investments**

The Company takes a prudent, disciplined approach to investing and aims to achieve an optimal balance between risk and return. In addition to ensuring that its investments are well diversified among issuers and operating sectors, as well as geographically, the Company closely monitors its asset/liability matching and maintains a sufficient level of liquidity at all times. For more information about liquidity risk and how it is managed and about the asset/liability matching process and the measures used by the Company to reduce the risks associated with this process, refer to the "Risk Management" section of this Management's Discussion and Analysis.

The assets related to the Company's insurance and annuity operations are mainly invested in fixed-income securities, such as bonds, and to a lesser extent, in equity securities (stocks). The assets related to the Company's capital are invested in fixed-income securities and preferred shares.

## **Composition of General Fund Investments**

At the end of 2021, 72% of the Company's investments were invested in bonds and 7% in mortgages and other loans, for a total of 79% in fixed-income securities. The proportion of fixed-income securities has fluctuated between 77% and 79% over the last five years, while stocks have varied between 7% and 11%.

#### **General Fund Investments**

As at December 31 2021 2020 2019 2018 2017 (In millions of dollars) 32.254 22.944 Bonds 31,762 27,189 23,592 2.922 2,802 3,870 3,661 3,288 Mortgages and other loans 3,769 3.168 3,024 3,055 3,467 Stocks Real estate 1.870 1.916 2.077 1.721 1.341 Other invested assets 3,901 4,578 3,338 2,550 2,782 44,716 44,225 39,497 34,579 33,822 Total

As of July 1, 2021, Investia Financial Services Inc. and FundEX Investments Inc. were merged into one entity under the brand Investia Financial Services.

As of January 18, 2021, iA Private Wealth is the new brand replacing iA Securities and HollisWealth.

This item is a non-IFRS measure; see the "Non-IFRS and Additional Financial Measures" section in this document for relevant information about such measures.

#### **Investments by Asset Category**

	As at De	cember 31
	2021	2020
Portfolio	\$44.7B	\$44.2B
Bonds	72%	72%
Mortgages and other loans	7%	6%
Stocks	9%	7%
Real estate	4%	4%
Other	8%	10%

The figures do not always add up exactly due to rounding differences.

## **Overall Quality of Investments**

At December 31, 2021, net impaired investments totalled \$17 million, compared to \$31 million a year earlier. On a \$44.7 billion portfolio, this represents 0.04% of total investments (0.07% at December 31, 2020). This decrease is related to the disposal of a bond that was impacted by the pandemic and for which a provision was taken in 2020.

The overall quality of investments continued to be very good in 2021.

## Net Impaired Investments (Excluding Insured Loans)

	As at December 31				
(In millions of dollars)	2021	2020	2019	2018	2017
Bonds	17	31	10	13	15
Mortgages and other loans	_	_	1	3	8
Total	17	31	11	16	23

Net impaired investments are made up of bonds and conventional mortgages that are three or more months in arrears, as well as restructured loans and other loans in default, taking into account any specific provisions for losses set up in consideration of these assets.

#### Net Impaired Investments as a Percentage of Total Investments

	As at December 31				
(%)	2021	2020	2019	2018	2017
Net impaired investments	0.04	0.07	0.03	0.05	0.07

For the investment portfolio as a whole, unrealized losses on corporate fixed-income securities classified as available for sale amounted to \$36 million at December 31, 2021 (\$0.2 million at December 31, 2020)

## **Bond Portfolio**

The quality of the Company's bond portfolio is very good, totalling \$32.3 billion at December 31, 2021.

In accordance with the rules defined in the investment policies, the Company largely invests in bonds whose credit rating from a recognized rating agency is BBB low or higher at the time of acquisition. In the event no evaluation is available from a recognized rating agency, the Company uses an in-house method to evaluate the quality of the bonds in question.

The proportion of bonds rated A or higher made up 80% of the bond portfolio at the end of 2021, compared to 83% at the end of 2020. At December 31, 2021, bonds rated BB and lower (high-yield bonds) totalled \$294 million (0.9% of the bond portfolio), compared to \$318 million at December 31, 2020 (1.0% of the bond portfolio).

## **Bonds by Credit Rating**

	As at De	cember 31
	2021	2020
Portfolio	\$32.3E	\$31.8B
AAA	5%	6%
AA	42%	48%
A	34%	29%
BBB	19%	16%
BB and lower	1%	1%

This item is a non-IFRS measure; see the "Non-IFRS and Additional Financial Measures" section in this document for relevant information about such measures.

In addition to investing in bonds issued through public placements (government bonds and bonds of public corporations), the Company also invests in bonds issued through private placements. These bonds offer investment opportunities that are generally not available on the public market, and offer performance and risk features that are suitable for the operations of a life insurance company. They also provide greater access to information from issuers. However, bonds issued through private placements do not have the same level of liquidity and could be affected by changing credit conditions in the market. At December 31, 2021, private issue bonds totalled \$5.8 billion, accounting for 18% of the bond portfolio (\$5.3 billion or 17% of the portfolio at December 31, 2020).

#### **Bond Portfolio**

	As at December 31				
	2021	2020	2019	2018	2017
Book value of the portfolio (\$M)	32,254	31,762	27,189	23,592	22,944
Distribution by category of issuer (%)					
Governments	41	48	49	51	52
Municipalities	4	5	5	5	5
Corporates – Public issues	37	31	29	26	26
Corporates – Private issues	18	17	18	18	17
Total	100	100	100	100	100

The figures do not always add up exactly due to rounding differences.

## Mortgages and Other Loans Portfolio

The mortgages and other loans portfolio amounted to \$2.9 billion at December 31, 2021 compared to \$2.8 billion a year earlier. At the end of 2021, 17% of the portfolio (\$485 million) was securitized through the Canada Mortgage and Housing Corporation (CMHC) Canada Mortgage Bond (CMB) program.

The mortgage portfolio alone, made up of multi-unit residential and non-residential mortgages, totalled nearly \$1.9 billion and was of excellent quality at December 31, 2021, with a delinquency rate of nil. The delinquency rate data includes both insured and uninsured mortgages.

## **Delinquency Rate as a Percentage of Mortgages**

	AS at December 31				
(%)	2021	2020	2019	2018	2017
Delinquency rate	_		0.08	0.09	0.34

As shown in the table below, insured mortgages have represented approximately three-quarters of the total mortgage portfolio in recent years (71% in 2021).

## Mortgages and Other Loans Portfolio

		, i	As at December 31		
(%)	2021	2020	2019	2018	2017
Book value of the portfolio (\$M)					
Mortgages	1,866	1,892	3,076	2,999	2,719
Other loans – Car loans	1,055	910	794	662	570
Total	2,922	2,802	3,870	3,661	3,288
Distribution of mortgages by type of loan (%)					
Insured loans	71	73	74	76	78
Conventional loans	29	27	26	24	22
Total	100	100	100	100	100
Mortgage delinquency rate (%)	_		0.08	0.09	0.34

At December 31, 2021, the proportion of mortgages secured by multi-unit residential properties was 84%. This number has been above 80% for several years.

This item is a non-IFRS measure; see the "Non-IFRS and Additional Financial Measures" section in this document for relevant information about such measures.

## Mortgages by Type of Property

	As at	December 31
	20	21 2020
Portfolio	\$1.9	B \$1.9B
Residential	-	
Multi-unit residential	8	1% 86%
Non-residential	1	5% 14%

In addition to mortgages and other loans, the Company also manages assets for third parties. In total, the Company's portfolio of mortgages and other loans plus assets managed for third parties amounted to \$5.3 billion at December 31, 2021 (\$5.1 billion at December 31, 2020).

#### **Stock Portfolio**

At December 31, 2021, investments in equity securities amounted to \$3.8 billion, or 9% of the Company's total investments, compared to \$3.2 billion or 7% a year earlier.

Investments in equity securities, as well as the Company's preferred shares, are used to match long-term insurance contract liabilities and to cover the commitments on certain Universal Life policies. The stock portfolio matched to very long-term commitments delivered a return of 19% in 2021, while the Company's preferred shares delivered a return of 12%. Private equities occupy an increasingly large part of the portfolio. This equity category offers opportunities in terms of diversification, returns and matching of very long-term commitments.

## Stock Portfolio by Type of Matching

	As at December 31	
	2021	2020
Portfolio	\$3.8B	\$3.2B
Very long-term commitments	56%	52%
Universal Life policies	31%	30%
Capital (preferred shares)	12%	18%

The figures do not always add up exactly due to rounding differences.

The management strategy used for the stock portfolio aims to optimize return through investments in preferred shares, common shares, market indices and investment funds. The Company favours a policy of diversification by industrial sector and by issuer to limit its exposure to concentration risk and to participate in the growth of all primary economic sectors.

## **Stock Portfolio**

	As at December 31				
	2021	2020	2019	2018	2017
Book value of the portfolio (\$M)	3,769	3,168	3,024	3,055	3,467
Distribution by category of stock (%)					
Common shares and investment fund units	31	28	27	36	41
Preferred shares	15	23	19	16	18
Market indices	5	2	10	10	14
Private equities	49	47	44	38	26
Total	100	100	100	100	100

#### **Real Estate Portfolio**

The Company recognizes investment properties at fair value. The book value of investment properties decreased by \$46 million in the past year to \$1.9 billion at December 31, 2021. Changes in the book value are normally due to the net amount of acquisitions and dispositions, the change in the fair value of investment properties that were reappraised during the year and any capital expenses on the properties. Real estate investments represented 4.2% of the total investment portfolio at December 31, 2021.

The occupancy rate of investment properties was 91.5% at December 31, 2021, compared to 95.3% at December 31, 2020. This decrease is mainly driven by the departure of two major tenants in both Montreal and Toronto that were know before the start of the pandemic. The occupancy rate remains at an excellent level and continues to compare very favourably with commercial rental properties in large Canadian cities.

This item is a non-IFRS measure; see the "Non-IFRS and Additional Financial Measures" section in this document for relevant information about such measures.

Office buildings account for nearly 87% of the Company's real estate investments.

On October 19, 2021, iA Financial Group and Canderel announced the signing of an agreement in the real estate investment sector. The agreement confirms that Canderel has been selected as iA Financial Group's strategic partner and as such will be responsible for the operational management (operations and leasing) and maintenance of iA's real estate assets in Quebec. The agreement covers the operations of 16 properties—five in Montreal and 11 in Quebec City—and took effect January 1, 2022.

#### **Investment Properties**

	As at December 31				
(In millions of dollars, unless otherwise indicated)	2021	2020	2019	2018	2017
Book value of the portfolio	1,870	1,916	2,077	1,721	1,341
Occupancy rate	91%	95%	94%	95%	93%

#### **Investment Properties by Category of Property**

	As at Dec	ember 31
	2021	2020
Portfolio	\$1.9B	\$1.9B
Office	87%	86%
Retail	6%	10%
Industrial	2%	4%
Multi-unit residential, land and other	4%	_

The figures do not always add up exactly due to rounding differences.

#### **Derivative Financial Instruments**

The Company uses derivative financial instruments in the normal course of managing the risk arising from fluctuations in interest rates, equity markets, currencies and credit. These instruments are primarily made up of interest rate, equity and foreign exchange swaps, as well as options, futures and forward contracts

Derivative financial instruments are used as part of the Company's hedging program. This program aims to alleviate the sensitivity of the capital guarantees on certain segregated fund products to interest rate and stock market fluctuations.

The Company also uses derivatives in the implementation of strategies to improve the matching of assets backing long-term life insurance liabilities and to hedge the risk associated with the Universal Life policy funds.

The Company uses derivative financial instruments to hedge its exposure to currency risk when investing in assets not denominated in the same currency as the liabilities backed by these assets.

The Company has an investment strategy that uses options to obtain synthetic stock market exposure while reducing its macroeconomic risk profile.

The table below presents certain values pertaining to the Company's financial instruments. For more information, refer to Note 8 of the Company's consolidated financial statements.

## Derivative Financial Instruments – Fair Value and Exposure

	As at December 31	
(In millions of dollars)	2021	2020
Net fair value	396	1,082
Notional amount	30,358	32,094

#### **Other Invested Assets**

The *Other invested assets* category is made up of cash and cash equivalents, policy loans (most insurance contracts, except for term insurance contracts, allow policyholders to obtain a loan on the surrender value of their contracts), derivatives, short-term investments and other investments. These investments totalled \$4.1 billion at December 31, 2021 (\$5.0 billion at December 31, 2020).

<sup>&</sup>quot; This item is a non-IFRS measure; see the "Non-IFRS and Additional Financial Measures" section in this document for relevant information about such measures.

#### **Investment Fund Assets**

Investment fund assets for iA Financial Group totalled \$53.6 billion at December 31, 2021 (\$39.6 billion in segregated funds and \$14.0 billion in mutual funds), an increase of \$9.4 billion from the previous year. This increase is explained by favourable financial markets as well as strong fund sales.

## **Segregated Fund and Mutual Fund Assets**

	As at December 31				
(In billions of dollars)	2021	2020	2019	2018	2017
Segregated funds	39.6	32.8	27.9	23.8	24.1
Mutual funds	14.0	11.4	11.6	10.8	11.7

## Range of Funds

iA Financial Group offers a broad, diverse range of investment funds. As at December 31, 2021, the Company offered more than 200 funds to its clients, and more than half of the assets in these funds were managed by internal investment teams.

The Company continued to adjust its segregated fund offering in 2021 to increase its diversity and complementarity while adjusting to client demand. In the Individual segregated fund segment, the Company added two fixed income funds that provide broader diversification, including exposure to foreign fixed income markets. Funds exposed to global innovation themes were also added to further broaden the lineup. In addition, certain smaller or overlapping funds were merged to keep the lineup to a reasonable number of products.

On the mutual fund front, IA Clarington Investments executed twenty fund mergers and two fund terminations in lower-demand or overlapping products. It also added depth to its U.S. equity lineup with the launch of a U.S. all cap growth product and continued to research potential new product offerings to meet evolving client demands.

Lastly, in the Group Savings and Retirement sector, the Company enhanced its lineup with several new funds. These included several Socially Responsible Investment (SRI) funds covering the fixed income and Canadian and global equity markets.

## The Company's Active Investment Funds

	As at Decen	As at December 31, 2021	
	Assets (\$billion)		
Segregated funds	39.6	74%	
Mutual funds	14.0	26%	
Total	53.6	100%	

#### **Investment Fund Performance**

Despite uncertainty around the evolution of the pandemic, global supply chain disruptions, inflation and how central banks will transition from the accommodative policies of previous years to a more normal policy setting, financial markets performed well in 2021. Equity markets in particular offered good opportunities for investors to buy low and reap the rewards of new highs in the last quarter of the year.

North American equity markets led the way with respective returns of 28.7% and 25.1% for the U.S. and Canadian markets as represented by the S&P500 and the S&P/TSX (local currency results). International equity markets also performed well, as demonstrated by the MSCI World and EAFE indices, with returns of 24.2% and 18.7% for the year (local currencies). Emerging markets—including China—had more difficulty, leading to an MSCI EM index return of 0.1% for the period (local currency). For fixed income, negative results were recorded in several markets, mainly due to interest rate increases from rising inflationary pressures. These results included The FTSE Canada Universe index, which was down 2.5% for the year.

In this context, the returns on the vast majority of our funds were very favourable for our clients. Moreover, compared to the competition, our funds continue to post above-average returns over many periods. The returns on all the Company's investment funds, as well as detailed financial information on these funds, are presented in the investment fund financial reports prepared by iA Financial Group.

This item is a non-IFRS measure; see the "Non-IFRS and Additional Financial Measures" section in this document for relevant information about such measures.

# **Risk Management**

The "Risk Management" section of the Management's Discussion and Analysis contains certain information required under IFRS 7 *Financial Instruments: Disclosures* of the International Financial Reporting Standards (IFRS) regarding the nature and scope of the risks arising from financial instruments. This information, which appears in the shaded sections, is an integral part of the audited consolidated financial statements for the period ended December 31, 2021, given that the standard permits cross-references between the Notes to the Financial Statements and the Management's Discussion and Analysis. Because of the references made to the financial statements, the terminology used in this section is generally aligned with what is found in the financial statements.

As an insurance company, iA Insurance assumes a variety of risks inherent in the development and diversification of its operations. As a result, its risk management approach is attuned to its business expansion strategy. The goal of the Company's risk management program is to generate maximum sustainable value for its clients, shareholders and employees, and for the community it serves. More specifically, the Company is committed to carrying out sound and prudent risk management through an approach that balances risk and return. This approach is aligned with the Company's strategic directions, takes risk into account in all decision-making and respects the Company's risk appetite and tolerance. It also ensures that the Company can meet its commitments to policyholders, creditors and regulatory bodies.

The Company's risk management program is supported by a strong code of conduct, a sound risk management culture and an effective framework. The Company maintains an overall vision and continuously demonstrates prudence in implementing its strategies and business decisions in order to protect its reputation and the Company's value. The Company also places particular emphasis on its capital adequacy by maintaining a solvency ratio higher than that required by the regulatory authorities.

# Risk Management Principles and Responsibilities

The Company defines risk as the possibility of an event occurring that will have an impact on achieving its objectives. Sound, effective risk management rests on identifying, measuring, assessing, understanding, and communicating the risks the Company is exposed to in the course of its operations. In accordance with this principle, the Company has implemented an enterprise risk management framework that is continually applied and taken into

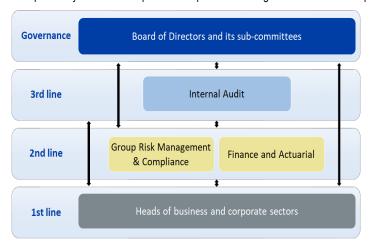
in accordance with this principle, the Company has implemented an enterprise risk management framework that is continually applied and taken into account in developing the Company's business strategies and in all of its operations.

The goal of the framework is to identify, measure, assess, understand, manage and monitor the risks the Company is exposed to in the course of its operations. The framework also defines the Company's risk appetite and tolerance, in other words, the amount of risk the Company wants and is willing to take in order to execute its business strategy and achieve its goals. Lastly, compliance with the framework helps ensure that relevant information regarding risks is communicated and shared on a regular and timely basis with the various people involved in risk management.

The enterprise risk management framework therefore provides the Board of Directors with reasonable assurance that all required elements are in place within the Company to ensure effective risk management. Compliance with and application of the framework allow for a sound risk management culture to be maintained and promoted within the Company.

The framework is governed by a global policy designed to classify and define the risks the Company is exposed to, outline the risk management governance and organizational structure, including the roles and responsibilities of the various people involved in the risk management process, and identify the key steps in the process, particularly in terms of identifying, measuring, assessing, communicating and monitoring the risks.

The diagram that follows illustrates the responsibility levels with respect to enterprise risk management within the Company.



<sup>&</sup>quot; This item is a non-IFRS measure: see the "Non-IFRS and Additional Financial Measures" section in this document for relevant information about such measures.

Supported by a strong risk culture, the Company's risk management approach includes a "three lines of defense" governance model. This approach breaks down the responsibilities according to those who take the risk, those who monitor it and those who provide an independent assessment of the overall process.

The first line of defense includes the President and Chief Executive Officer and the heads of the business and corporate sectors. They are responsible for selecting and executing the business strategies in keeping with the Company's defined risk appetite and tolerance and ensuring a good long-term balance between risk and return. They are also responsible for implementing policies and procedures and for identifying, communicating and managing risks that could prevent them from achieving the objectives identified in their respective areas of responsibility.

The second line of defense includes the Finance and Actuarial function, headed up by the Executive Vice-President, Chief Financial Officer and Chief Actuary, and the Risk Management and Compliance function, headed up by the Executive Vice-President and Chief Risk Officer and by the Chief Compliance Officer. The Risk Management and Compliance function also includes the Investment Risk Monitoring, Data Governance and Information Security functions. The second line of defense is responsible for coordinating the application and enforcement of the enterprise risk management framework within the Company and ensuring that appropriate policies and procedures are defined and effectively implemented by the first line of defense. To this end, it coordinates, guides and supports the first line of defense in the rigorous assessment of significant risks to which the Company is exposed. It works together with the first line to ensure prudent and disciplined management in protecting the Company's reputation and long-term sustainability. The first two lines of defense are also responsible for keeping the Board of Directors regularly informed about the Company's main risks and the steps taken to manage them.

The Chief Risk Officer and his team work closely with the other second line functions and with the first line to promote a culture of sound risk management across the organization. Based on a holistic view of the risks and considering the interrelationships that may exist between them, the Chief Risk Officer communicates any pertinent information to senior management and the Board of Directors.

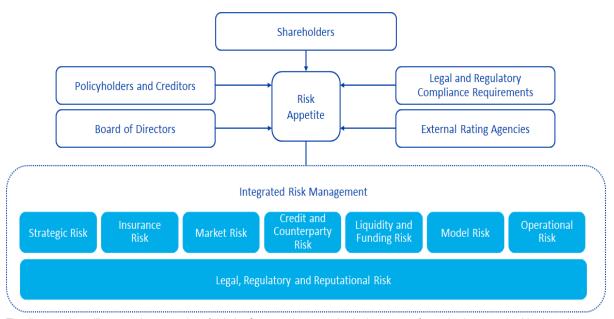
As the third line of defense, Internal Audit assesses the effectiveness of the enterprise risk management framework, recommends improvements to the people involved in the process and reports on the situation to the Board of Directors' Audit Committee.

The Board of Directors verifies and approves the global policy governing the enterprise risk management framework as well as any changes that are made to it. It also approves the overall level of risk the Company is willing to take as well as the tolerance thresholds it is willing to withstand in order to meet its business and growth objectives.

The enterprise risk management framework also applies to the Company's subsidiaries. A functional reporting relationship is established between the risk management and compliance functions and those responsible for risk management and compliance in the subsidiaries.

The boards of directors of the subsidiaries, which are made up of members renowned for their expertise in their respective fields as well as senior executives from the parent company, also play an important role in risk management oversight.

# **Integrated Risk Management Framework**



The diagram above illustrates the categories of risk the Company is exposed to in the course of pursuing its strategic objectives. A summary of these risks and the processes for managing them is outlined in the following pages.

This item is a non-IFRS measure; see the "Non-IFRS and Additional Financial Measures" section in this document for relevant information about such measures.

Each of these risk categories can include known or emerging risks. The way in which they are managed across the organization is adjusted accordingly.

Specific management strategies are used for each of the risk categories. The management of these risks is also supported by a strong risk management culture across the organization. This culture can be defined as the behaviours adopted by Company employees, who observe and apply the principles of the enterprise risk management framework to their job and their day-to-day activities. These behaviours are also governed by respect for ethics and transparency in decision-making. This culture and these behaviours make up the solid common foundation for the Company's risk management activities.

#### Strategic Risk

Senior management lays out the strategies and oversees their execution. This work is supported by various key processes.

- · Strategic planning in compliance with defined risk tolerance levels and capital adequacy requirements
- Review of the strategies and risks that apply to the Company's main activities

Strategic risk may arise from poor strategic decisions or not adapting well to changes in the business, normative, political, economic or technological environment.

Risk Associated with the Business Environment – The insurance and wealth management sectors are highly competitive. There is a risk that competitive pressures could lead to increased pressure on the business model and harm the Company's overall profitability. Changes in client needs and spending habits could also have an adverse effect on the Company's results if it doesn't adapt accordingly.

Risk Associated with the Normative Environment – Financial institutions are subject to a vast number of laws and regulations. As a result, legislative and regulatory changes could increase the amount of time and resources needed to ensure ongoing compliance. The Company is also exposed to risk related to changes in accounting and actuarial standards.

Risk Associated with the Political and Social Environment – Political events or decisions could have an adverse impact on the relevance of the Company's products or its profitability.

Risk Associated with the Economic Environment – Changes in the economic environment like increased credit risk or a deterioration in financial market conditions that leads to increased volatility could increase pressure on the business model or adversely affect the Company's profitability, financial strength and access to capital.

Risk Associated with the Technological Environment – Not adapting well to changes in the technological environment could impact the integrity of our information systems and technology infrastructure or generally disrupt the Company's business plan.

Risk Related to Climate Change – Climate change could have adverse impacts on insurance, market and credit risks by increasing the frequency and cost of claims or deteriorating the quality or value of the investment portfolio. The Company has incorporated the fight against climate change in its risk appetite statement and uses the climate-related risks defined by the Task Force on Climate-Related Financial Disclosures (TCFD) as the foundation of its climate change risk assessments. The Company conducted an entity-wide Climate Change Materiality Assessment. The impact and likelihood criteria used were aligned with iA Insurance's internal enterprise risk assessment methodology to ensure that climate-related risks are assessed consistently and proportionately relative to other risks. In continuity with its commitment to the United Nations-supported Principles for Responsible Investment (PRI), the Company has released its Responsible Investment Policy, which includes a section on climate change and commitments to integrate climate change factors into investment decisions. More information on the climate-related risk management and governance framework is available in the Sustainability Report and the TCFD Report.

## **Main Strategic and Emerging Risks**

In addition to continuous monitoring, senior management reassesses known and emerging strategic risks annually or more frequently, at their discretion and according to the circumstances. During the corporate and sector strategic planning exercises carried out across the organization, these risks are analyzed to determine their impact on the Company's strategy and, conversely, to identify whether additional strategies are needed to manage or mitigate the risks.

During the 2021 review of strategic and emerging risks, the identified risks were confirmed and the strategies in place for managing them were renewed.

Changes in Technology and the Client Relationship – The advent of new digital and software technologies coupled with shifts in demographics and client preferences has prompted the Company to make strategic choices in these areas. In this regard, the Company is pursuing its cutting-edge digital strategy, which focuses on the client and partner experience.

Risk Related to Changes in Economic Conditions – Operating in the financial sector, the Company relies in part on the economic and financial conditions of the markets in which it operates. In the complex, globalized environment that characterizes these markets, economic conditions can change suddenly and drastically. To protect itself from these unforeseen changes, the Company relies on a balanced business model and chooses strategies that allow it to shield itself while benefiting from the different economic conditions. This balanced strategy allows the Company to remain solvent and prosperous and to continue its long-term growth despite economic volatility.

This item is a non-IFRS measure; see the "Non-IFRS and Additional Financial Measures" section in this document for relevant information about such measures.

Risk Related to the COVID-19 Pandemic – Since March 2020, the COVID-19 pandemic has impacted both society in general and the economy. The duration of this event, the emergence of new variants as well as the effectiveness of government measures to slow its spread and impact on the economy remain uncertain. Therefore, it is impossible to reliably assess the duration and extent of the impacts that the pandemic could have on the Company's future financial results, due to continuing uncertainties.

Nevertheless, the effects of the pandemic on the results for the period ended December 31, 2021, are not significant. Though we do not anticipate additional risks related to the COVID-19 pandemic, we remain vigilant and continue to identify and assess any potential impact through emerging risk surveys and stress-testing exercises.

Data Security and Cyber Risk – The Company pays particular attention to the risk of data theft and other cyber risks by continuously strengthening its cybersecurity risk management framework (see the description of this mechanism in the "Operational Risk" section).

Risk Related to Implementation of New Accounting Standards – New IFRS standards will come into force on January 1, 2023. Though a transition program and dedicated resources are in place to manage the implementation of the new standards, some risks remain. The Company is closely monitoring the operational and model risks generated by IFRS 9 and IFRS 17, as the new standards require a significant change in financial processes and systems and in the actuarial models. Uncertainty remains regarding tax treatments and regulatory capital requirements, as guidelines will only be available over the course of 2022.

Risk Related to Human Resources – Talent shortage risk increases in the context of multiple cross-sector business and regulatory initiatives competing for the same expertise. The Company takes proactive steps to mitigate this risk by enhancing employee measures (wellness days, retention initiatives, training, etc.) and adopting a hybrid, flexible model that combines remote with onsite work.

#### **Insurance Risk**

Insurance risk is the risk of loss arising from higher claims than anticipated during product pricing and design. This category is associated with the following risk factors:

Policyholder Behaviour - Risk of decrease (increase) in lapse rates compared to assumptions for lapse-supported products (other products).

Mortality - Risk of unfavourable variability in the level, trend or volatility of mortality rates.

Morbidity - Risk of increase (decrease) in occurrence rates (termination rates) for disability or illness insurance claims.

Longevity - Risk of overestimation of the mortality rate in product pricing and design assumptions.

Expenses – Risk of unfavourable variability in the cost of servicing and maintaining in-force policies and associated indirect expenses.

General Insurance – Risk of loss arising from higher claims than anticipated when designing and pricing general insurance products.

Insurance risk can occur at various stages of a product's life cycle, for example during product design and pricing, during underwriting or claims adjudication or when calculating the provisions for future policy benefits. The Company has put controls and processes in place at each of these stages to ensure appropriate management of these risks.

**Product Design and Pricing** – The Company has adopted a product design and pricing policy that establishes standards and guidelines on pricing methods, formulation of assumptions, profitability objectives, analysis of profitability sensitivity according to various scenarios, documentation, and the accountability of the various people involved.

**Underwriting and Claims Adjudication** – The Company has established guidelines pertaining to underwriting and claims adjudication risk that specify the Company's retention limits. These retention limits vary according to the type of protection and the characteristics of the insureds, and are revised regularly according to the Company's capacity to manage and absorb the financial impact associated with unfavourable experience regarding each risk. Once the retention limits have been reached, the Company turns to reinsurance to cover the excess risk.

Calculating Provisions for Future Policy Benefits – The Company has developed a policy that outlines the documentation and the control rules needed to ensure that the actuarial valuation standards defined by the Canadian Institute of Actuaries (or any other relevant body), as well as the Company's standards, are followed and applied consistently in all sectors and in all territories where the Company conducts business.

Every year, the appointed actuary ensures that the valuation of provisions for future policy benefits is carried out in accordance with accepted actuarial practice in Canada and that the selected assumptions and valuation methods are appropriate.

The Company's Sensitivity to Certain Insurance Risks – The table below summarizes the impact on net income attributed to the common shareholder of adverse deviations from assumptions for certain insurance risks.

This item is a non-IFRS measure; see the "Non-IFRS and Additional Financial Measures" section in this document for relevant information about such measures.

#### Decrease in Net Income Attributed to Common Shareholder Resulting from Adverse Deviations from the Assumptions

(In millions of dollars)	2021	2020
Insurance risk: adverse deviation of 5%		_
Mortality rate <sup>11</sup>	180	179
Lapse rate <sup>12</sup>	205	181
Unit costs <sup>13</sup>	86	64
Morbidity rate <sup>14</sup>	59	65

Favourable variances from the assumptions would have the same impact, but in the opposite direction.

For more information on insurance risk management, refer to notes 13 and 14 of the Company's audited consolidated financial statements.

## **Market Risk**

The Company is exposed to market risk, which is the risk that the fair value/future cash flows of an insurance contract/financial instrument will fluctuate due to variations in market risk factors. This category includes risk factors related to interest rates, stock markets, foreign currency and return on alternative long-term assets.

The Company has established investment policies that contain a variety of quantitative measures designed to limit the impact of these risks. The investment policies are reviewed annually and any modifications are submitted to the Board of Directors for approval. Policy management and compliance is monitored regularly and the results are reported to the Board of Directors' Investment Committee at least quarterly.

Interest Rate Risk – One of an insurer's fundamental activities is to invest client premiums for the purpose of paying future benefits. In some cases—for death benefits and annuity payments, for instance—the maturity date may be uncertain and potentially a long time in the future. Interest rate risk is the risk of loss associated with fluctuations in benchmark interest rates and/or rate spreads. It can occur if the asset cash flows cannot be reinvested at high enough interest rates compared to the interest rates on the corresponding liabilities, or if an asset needs to be liquidated in order to match the liability cash flows and a loss in market value of the liquidated asset occurs due to rising interest rates. This risk depends on asset allocation as well as external factors that have a bearing on the markets, the nature of the built-in product guarantees, and the policyholder options.

To mitigate this risk, the Company has developed a strict matching process that takes into account the characteristics of the financial liabilities associated with each type of annuity and insurance product. Some of the important factors considered in the matching process include the structure of projected cash flows and the degree of certainty with regard to their maturity, the type of return (fixed or variable), the existence of options or guarantees inherent in the assets and liabilities, and the availability of appropriate assets in the marketplace. Some liabilities can be immunized to a very large degree against interest rate fluctuations because they can be backed by assets offering a similar cash flow structure.

Investment strategies are defined based on the characteristics of the financial liabilities associated with each product. To illustrate the application of these strategies, the liabilities are divided into three main categories, as presented below, based on the structure of the underlying financial commitments.

## **Net Liabilities According to Type of Matching**

As at December 31 2021 2020 \$M % \$M % Immunized liabilities On a cash flow basis 9.263 26% 8.866 25% 1,933 6% 1,664 Universal Life policy accounts 5% Subtotal 11,196 32% 10,530 30% 24.225 68% 24.938 Non-immunized liabilities 70% Total 35.421 100% 35.468 100%

<sup>11</sup> The adverse deviation is expressed assuming 105% of the expected mortality rates, adjusted to reflect the adjustability of certain products.

The adverse deviation is expressed assuming 95% of the expected lapse rates for lapse-supported products and 105% of the expected lapse rates for other products, adjusted to reflect the adjustability of certain products.

Adjusted to reflect the adjustability of certain products.

The adverse deviation is expressed assuming 95% of the expected termination rate when the insured is or becomes disabled and 105% of the expected occurrence rate when the insured is active, adjusted to reflect the adjustability of certain products.

<sup>&</sup>quot; This item is a non-IFRS measure: see the "Non-IFRS and Additional Financial Measures" section in this document for relevant information about such measures

#### 1) Liabilities Immunized on a Cash Flow Basis

This category represents 26% of the policy liabilities and primarily reflects the commitments with regard to annuity and other insurance contracts with a maturity of less than thirty years.

The Company's main goal in this regard is to minimize its exposure to interest rate sensitivity. With this in mind, for liabilities immunized on a cash flow basis, the objective of the matching strategy is to minimize the volatility of the deviations that can occur between the returns realized on the assets and those expected for the liabilities. In terms of the liabilities, the expected returns include the interest rates credited to client contracts and the fluctuation margins set out in the actuarial valuation of the policy liabilities. To appropriately monitor matching, investments are segmented by blocks based on the cash flow structure of the liabilities, and these blocks are grouped together by line of business. A careful examination of these matching blocks is carried out once a month, and a number of techniques are used to assess the quality of the matching in order to guide the selection of investments.

To measure the sensitivity to interest rate fluctuations, the Company uses metrics recognized by immunization experts, such as duration and dispersion. The investment policies set out maximum spreads between the result of the measures applied to the assets and the corresponding result obtained for the liabilities. These results are provided to the Investment Committee on a quarterly basis.

The Company also carries out sensitivity analyses to assess the financial impact that would result from various types of fluctuations in the interest rate yield curve. These analyses are carried out using stochastic scenarios that are used to quantify the residual risks that may remain in the portfolios. Simulations based on predefined scenarios are also analyzed to measure the impact of specific fluctuations. The sensitivity analyses are also used to assess the behaviour of the future fluctuation margins projected in the actuarial valuation of the policy liabilities.

In addition, in order to minimize the reinvestment risk that can arise when the maturity of the assets does not match the maturity of the corresponding liabilities, the investment policies also require that an effort be made to ensure that the asset cash flows correspond to the liability cash flows. To this end, the policies set relative and absolute limits regarding the size of the cumulative net cash flows, both for all the matching blocks combined and for each individual block.

For this liability category, the use of a very strict immunization approach means that the impact on net income of a decrease or increase in interest rates would be negligible.

#### 2) Immunized Liabilities Linked to Universal Life Policy Accounts

This category represents 6% of policy liabilities, and includes all liabilities linked to Universal Life policy accounts. The returns on these liabilities are determined on the basis of a market or portfolio index. For these liabilities, the matching is carried out using assets whose characteristics correspond to those of the liabilities, or to those of the benchmark index, so as to strictly reproduce the returns credited to the underlying accounts.

For accounts where the return varies based on an index, the impact on net income of a change in the stock markets applied to the assets would be negligible, since an equivalent change would be applied to the corresponding liabilities.

#### 3 Non-Immunized Liabilities

This category corresponds to 68% of the Company's policy liabilities and primarily encompasses individual insurance products whose cash flows have a specific structure and for which a classic immunization strategy cannot be applied. Therefore, for this category, the Company advocates an investment management strategy designed to optimize the long-term returns on the assets by using the various types of leverage available to limit its exposure to reinvestment risk.

For this liability category, a widespread decrease in interest rates could have an adverse impact on annual net income to the common shareholder, primarily due to the attendant increase in policy liabilities. If interest rates were to decrease, the reinvested cash flows would generate lower investment income for the total duration of the investment. A decrease in interest rates could lead to a downward adjustment of the initial reinvestment rate (IRR) assumption, and a prolonged decrease could lead to a decrease in the ultimate reinvestment rate (URR) assumption used to calculate the policy liabilities.

The Company uses high-quality assets, primarily made up of long term fixed income securities, equity securities (common and preferred shares, market indexes, market index options and investment fund units), and real estate. The asset class allocation aims to achieve an optimal return at maturity, taking into account capital requirements, expectations regarding the interest rate structure and performance of the stock markets. At the same time, the strategy takes into account the constraints imposed by the investment policies, particularly with regard to diversification of the portfolio.

The Company also uses various types of leverage, including an inter segment note program that allows cash flows to be exchanged among activity sectors and various derivative financial instruments to be used to reduce the reinvestment risk (IRR).

During the period ended December 31, 2021, derivative financial instruments were used as part of the Company's strategy to optimize returns. To mitigate its risk related to interest rate fluctuations on these non-liability backing assets and its mortgage securitization activities, the Company used hedge accounting through derivative instruments with a nominal value of \$712 million in 2021 (\$860 million in 2020). For more information, refer to notes 7 and 8 of the Company's consolidated financial statements as at December 31, 2021.

This item is a non-IFRS measure; see the "Non-IFRS and Additional Financial Measures" section in this document for relevant information about such measures.

The following tables summarize the impact of matching and interest rate risk on net income attributed to the common shareholder and on accumulated other comprehensive income.

## Decrease in Net Income Attributed to Common Shareholder Resulting from Adverse Deviations

(In millions of dollars)	2021	2020	
Interest rate risk			
25 basis point decrease in the initial reinvestment rate (IRR) <sup>15</sup>	(61)	(10)	
10 basis point decrease in the ultimate reinvestment rate (URR)	68	68	
Decrease in Accumulated Other Comprehensive Income Resulting from Interest Rate Fluctuations			
(In millions of dollars)	2021	2020	
Interest rate risk			
25 basis point decrease in the initial reinvestment rate (IRR) <sup>16</sup>	(1)	15	

Similar increases in the IRR, URR and interest rates would have the same impact as corresponding decreases, but in the opposite direction.

To test for market sensitivity, the Company uses an interest rate variance of 25 basis points for the IRR and 10 basis points for the URR because it believes these interest rate variances to be reasonable given market conditions as at December 31, 2021.

The impact of this variance in interest rates does not take into account the protection for the IRR in the actuarial reserves.

Stock Market Risk – Stock market risk represents the risk of loss resulting from a downturn in the stock markets. The Company is exposed to this risk in various ways as part of its regular operations, through: 1) the fee income collected on the investment funds managed by the Company, which is calculated based on assets under management<sup>a</sup>; 2) the discounted future revenues on Universal Life policy funds; 3) a strengthening of provisions for future policy benefits; and 4) the income on capital generated by the assets backing the Company's capital. For these items, the Company estimates that a sudden 10% drop in the markets as at December 31, 2021 would have led to a \$44 million decrease in net income and a \$53 million decrease in other comprehensive income over a twelve-month period. A 25% drop in the markets as at December 31, 2021 would have reduced net income by approximately \$109 million, and other comprehensive income by \$131 million over a twelve-month period.

If the markets were to drop more than 35% from their levels at December 31, 2021, all other things being equal, the Company would not have the leeway to absorb an additional drop in the markets without a significant impact on its provisions for future policy benefits related to individual insurance.

In order to measure its market sensitivity, the Company examined the impact of a 10% market variance at the end of 2021, believing that this kind of variance was reasonable in the current market environment. However, to take into account the possibility that a market variance of more than 10% could have an impact that is not linearly proportional, the Company also measured the impact of a 25% market variance.

Segregated funds expose the Company significantly to the risk of a stock market downturn. In order to mitigate some of the risk associated with this exposure, the Company has set up a dynamic hedging program, which is described a little later in this section.

A segregated fund is a type of investment similar to a mutual fund, but which generally includes a guarantee in the event of death and a guarantee at maturity. Some products may also offer a guarantee for partial withdrawals. Because of the volatility inherent in the stock markets, the Company is exposed to the risk that the market value of the segregated funds will be lower than their guaranteed minimum value at the time the guarantee is applied and that it will then have to compensate the investor for the difference in the form of a benefit. In order to get an overview of its exposure to the risk associated with the segregated fund guarantees, the Company determines the net amount at risk, which is the amount by which the guaranteed minimum value exceeds the market value for all contracts in this situation at a given point in time. The net amount at risk does not constitute a payable benefit as such, since in reality, benefits that might have to be paid in the future will depend on various eventualities, including market performance and contract holder longevity and behaviour.

These estimates do not take into account compensatory measures to alleviate the impact of an interest rate decrease. The Company could reconsider the investment allocation for each asset class backing the very long-term commitments.

Excluding any downward adjustment of the IRR or URR.

This item is a non-IFRS measure; see the "Non-IFRS and Additional Financial Measures" section in this document for relevant information about such measures.

The following table provides information on the segregated fund assets under management in the Individual Wealth Management sector.

## Individual Wealth Management Segregated Fund Assets Under Management

(In millions of dollars)	2021	2020
Assets under management <sup>a</sup>	24,722	19,240
Guaranteed minimum value	18,916	15,709
Value of assets underlying significant guarantees <sup>17</sup>	7,366	7,140
Value of assets underlying minimum guarantees <sup>18</sup>	17,356	12,100

All contracts with significant guarantees are covered under the hedging program. For some of these contracts issued before the hedging program was in place, the Company assumes 10% of the risk for the guarantees at maturity. There is limited risk for guarantees at death and minimum guarantees, so the Company has decided not to include them in its dynamic hedging program.

The dynamic hedging program involves short selling futures contracts on market indices traded on stock exchanges, as well as signing agreements for forward exchange contracts for currencies traded on stock exchanges, interest rate swaps and internal total-rate-of-return swaps for indices traded on stock exchanges. This program is used to hedge a good portion of the sensitivity of net income to the performance of the bond and equity funds and to the interest rate fluctuations arising from the segregated fund guarantees. In order for the Company's strategy to adequately cover the risks related to the hedged guarantees, a dynamic rebalancing of the hedging instruments is carried out based on changes in financial market conditions. Hence, the variations in the economic worth of the liabilities are largely offset by variations in assets held under the hedging program.

Under the dynamic hedging program, the value of the liabilities associated with the guarantees is updated several times per day to reflect differences between expected experience and actual results. In the process of calculating expected experience, the Company uses certain assumptions regarding policyholder longevity and future redemptions. The redemption assumption, however, has certain limitations. The timing and size of the withdrawals and fund transfers cannot be hedged using derivative financial instruments since these are factors decided by the contract holder, and adverse deviation from expected experience can alter the quality of the hedge.

The dynamic hedging program is not designed to completely eliminate the risks associated with the hedged guarantees. A number of factors can alter the quality of the hedge and potentially lead to a gain or loss on the income statement. The hedging program itself entails certain risks that may limit the program's effectiveness, in particular:

- The program is based on dynamic rebalancing of the derivative hedging instruments. A decrease in the liquidity of these instruments would have an adverse impact on the effectiveness of the program.
- The use of derivative hedging instruments entails a counterparty risk, which is mitigated by the presence of collateral agreements whose net settlement is carried out on a daily basis.
- There may be a favourable or unfavourable variance between the returns realized on the segregated funds and those realized on the hedge positions held to cover the guarantees associated with these funds.

In the last eight quarters, the quarterly effectiveness of our dynamic hedging program has fluctuated between 86% and 96% depending on the volatility of the financial markets. In addition, it has had an excellent effectiveness rate of 93% since it was implemented in October 2010.

In order to ensure sound management of the risk of a stock market downturn, the Company's investment policies define quantitative and qualitative limits for the use of equity securities. The target asset mix in the form of equity securities is designed to maximize the Company's returns and reduce the potential risk associated with guaranteed minimum returns under long-term commitments.

The investment policies allow the Company to use derivative financial instruments. The use of these instruments, however, must comply with the risk tolerance limits and the prudential requirements set out in the investment policies, including a minimum credit rating for the counterparty financial institution.

During the period ended December 31, 2021, derivative financial instruments were used as part of yield enhancement strategies. The use of market index options allows the Company to maintain exposure to stock markets for assets backing non-immunized liabilities while limiting potential losses. They were also used as part of the hedging program for segregated fund guarantees and to hedge the risk associated with Universal Life policy funds.

Foreign Currency Risk – Foreign currency risk represents the risk that the Company will have to assume losses due to exchange rates on foreign currencies to which the Company is exposed. The Company has adopted a policy to avoid exposing itself to material currency risk. To this end, liabilities are generally matched with assets expressed in the same currency; otherwise, derivative financial instruments are used to reduce net currency exposure. As at December 31, 2021, the Company was not exposed to any material foreign currency risk.

Risk Associated with the Return on Alternative Long-Term Assets – This is the risk of loss arising from fluctuations in the value of private equity, real estate, infrastructure, timberland and farmland.

Represents the value of assets underlying guarantees at maturity with a significant level of risk, or withdrawal guarantees.

<sup>18</sup> Represents the value of assets for which the risk of the guarantees is limited and which the Company has decided not to include in the dynamic hedging program

This item is a non-IFRS measure: see the "Non-IFRS and Additional Financial Measures" section in this document for relevant information about such measures.

To mitigate this risk, the Company's investment policies authorize prudent investments in the real estate market, private equity and infrastructure within certain clearly defined limits, both globally and by geographic region. Real estate investments are used to back long term commitments for certain lines of business, like Individual Insurance, and help ensure sound diversification of the Company's investments.

## Credit and Counterparty Risk

Credit risk represents the risk of loss arising from a deterioration in credit quality (downgrading) or counterparty default. This risk originates mainly from credit granted in the form of loans, private placements and corporate bonds, but also from exposure to derivative financial instruments and to reinsurers that share our policyholder commitments.

The Company uses derivative products under its investment policies, including swaps, futures and options contracts. These contracts are not used for speculation purposes but for matching assets and liabilities and managing financial risk. They are primarily used to mitigate credit risk, as well as risks associated with fluctuations in interest rates, currencies and stock markets.

The derivative products used under the hedging program for segregated fund guarantees expose the Company to credit risk due to the presence of counterparties involved in the program. As indicated earlier, the counterparty financial institutions for derivative products must meet certain well-defined criteria, and collateral exchange agreements to offset daily variation margins have been reached with these institutions in accordance with industry norms and standards in order to minimize and control the credit risk.

Credit risk can also occur when there is a concentration of investments in entities with similar characteristics or that operate in the same sector or the same geographic region, or when a major investment is made in one entity. More information about concentration risk is presented in note 7 of the consolidated financial statements as at December 31, 2021.

The Company's investment policies aim to mitigate concentration risk by promoting the sound diversification of investments, limiting exposure to any one issuer and seeking a relatively high quality of issuers. They also impose limits by groups of related issuers, by activity sector and by geographic region. These limits depend on the credit quality of the issuers.

The Company also has a specific credit policy for private placements, commercial loans and personal loans that stipulates the assignment of internal credit ratings for investments that do not have a credit rating assigned by a recognized rating agency. The policy and procedures in place establish certain selection criteria and define the credit authorization limits based on the scope and degree of risk. In order to manage the credit risk associated with these investments, the Company may require collateral, particularly for real estate, residential or commercial mortgages.

Lastly, although reinsurance agreements provide for the recovery of claims arising from the liabilities ceded, the Company retains primary responsibility to its policyholders, and is therefore exposed to the credit risk associated with the amounts ceded to reinsurers. This risk category includes residual insurance risk, legal risk, counterparty risk and liquidity risk resulting from reinsurance operations. To limit this risk, the Company applies the processes and criteria prescribed in its reinsurance risk management policy, such as conducting due diligence on the selected reinsurers, limiting the concentration of risks and carrying out sensitivity testing.

## **Liquidity and Funding Risk**

Liquidity risk represents the possibility that the Company will not be able to raise the necessary funds, at the appropriate time and under reasonable conditions, to honour its financial commitments.

This risk is managed through matching of assets with financial liabilities as well as strict cash flow management. Moreover, to maintain an appropriate level of liquidity, the Company ensures that it holds a good proportion of its assets in marketable securities.

The use of derivatives requires that securities be sent as collateral to clearing houses and derivative counterparties in order to mitigate the credit risk. Simulations are carried out to measure the liquidity needs that could arise due to interest rate and stock market turmoil in order to assess the liquidity that needs to be maintained to meet those requirements.

In addition to the requirements mentioned above, the Company needs to have additional liquidity available for possible surrenders, contract terminations and pandemic outbreaks. A number of scenarios are analyzed to ensure that the Company will be able to meet its commitments in various extreme situations.

Given the quality of its investment portfolio, and despite financial market volatility, the Company believes its current liquidity level to be adequate.

#### **Model Risk**

While the use of data and models generates value for the Company and offers significant opportunities for the future based on business and artificial intelligence, it also introduces the risk that a loss might occur, or inappropriate decisions might be made due to modelling deficiencies or limitations, improper implementation or utilization, inaccurate or inappropriate data, or incorrect assumptions. To reduce this risk, a model design guide is available to the different sectors of the Company. This guide is intended to help model owners identify model risk and to standardize the approach across the Company.

<sup>&</sup>quot; This item is a non-IFRS measure; see the "Non-IFRS and Additional Financial Measures" section in this document for relevant information about such measures.

## **Operational Risk**

Operational risk is the risk of loss arising from deficiencies or errors attributable to processes, people, systems or external events.

This risk is present in all the Company's activities. It can be related to financial reporting, human resources, fraud, data protection, information security and technology, process execution, business relationships with clients, external events or contractual agreements with suppliers. The impact of one of these risks occurring can take the form of financial losses, loss of competitive position or injury to reputation. In addition to mitigation measures carried out by Risk Management on all processes and procedures, a continuity plan involving a predefined crisis team reduces this residual risk.

To manage operational risk, the Company emphasizes proactive management practices by ensuring that appropriate and effective internal controls are in place and by utilizing competent, well-trained employees at all levels. The Company also makes it a priority to revise its policies and develop stricter standards, when appropriate, to account for changes in its operations and environment.

In addition, through its enterprise and operational risk management frameworks, the Company makes all managers accountable by asking them to confirm their sector's compliance with procedures, describe the processes in place for ensuring this compliance, and confirm that policies and procedures are up to date. The risks that could arise are also assessed and quantified, as well as the steps taken to manage the most material risks.

**Financial Reporting** – The Company also maintains an ongoing control evaluation program in order to issue the certification required by the regulatory authorities with respect to the financial information presented in the Company's annual and interim filings (certification under Multilateral Instrument 52-109). Under this program, the managers of each business line evaluate and test the controls in their sector, following which a designated team verifies the quality of the controls and the conclusion of the managers' evaluation. A summary report is submitted annually to the Audit Committee, which then reports the results of the evaluation to the Board of Directors. The certification of the financial information presented in the annual and interim fillings is submitted guarterly in the prescribed format. This certification is available on SEDAR and on the Company's website.

Human Resources – The competency of human resources is an essential factor in implementing business and operational risk management strategies. In this regard, the Company follows best practices and has a code of business conduct in addition to well-defined policies and procedures with respect to compensation, recruitment, training, employment equity, diversity and occupational health and safety. These policies are continually kept up to date in order to attract and retain the best candidates at every level of the Company. The Company shows its concern for its employees' quality of life by offering programs that promote a healthy lifestyle and adopting various measures designed to improve the work environment.

Protection of Personal Information – The use of emerging technology entails numerous challenges for the protection of personal information. While data analytics is useful in providing better client service, the increase in available data and the risks associated with it require vigilance by all Company stakeholders. An abundance of privacy risks, ranging from the unethical use of collected data to identity theft, can arise if personal information is hacked or inadvertently disclosed. All of these risks are mitigated by applying sound governance practices throughout the life cycle of all sensitive data. Ensuring the ongoing awareness of all employees and partners also helps to maintain a high level of commitment to privacy, supported by an increased focus on device security. The Company implements policies and directives that regulate data use and governance. It strives to comply with the highest ethical and moral standards while meeting all legal requirements in this regard. It continues to develop new tools and practices to provide optimal protection for all its partners and clients.

Information and Communications Technologies and Cybersecurity – Reliable information and communications technologies (ICTs), protection of information and sophisticated data are essential for the successful execution of the business process, and the Company places special emphasis on this aspect. It has a comprehensive plan in place for reducing and controlling the risk of ICT failure based on best practices and recognized IT standards, protection of information and data management. The management of these risks is reviewed at regular intervals in order to adapt to changing technologies, regulations and Company needs.

Changing business needs in the insurance and financial services industry are accelerating the use of online applications, mobile technologies and cloud computing. Along with this acceleration comes an increase in risks related to information security and cyber threats as it is difficult to develop and implement effective preventive measures to keep up with industry attacks. Cybercrime techniques are sophisticated and continually evolving, and they come from an increasing number of sources: viruses, malware, denial of service, phishing, ransomware, exfiltration, etc.

The potential consequences range from service interruptions and unauthorized access to sensitive or personal information to asset or intellectual property theft. These can lead to reputation damage, lawsuits and other repercussions.

To mitigate information security and cybersecurity risks, the Company has set up and regularly maintains a security risk log for tracking changes in cyber threats, countermeasures and regulatory requirements. In addition, the Company has adopted an information security authority framework outlining roles and responsibilities with respect to information security. The Company continues to roll out the information security investment program, which includes the implementation of a normative framework, a reference model aligned with industry best practices, and technology resources and services for identifying, preventing, detecting and eliminating threats against its assets and operations. These measures are continuously complemented by information security awareness campaigns and training for all Company employees. The Company also subscribes to a cyber risk insurance policy.

<sup>&</sup>quot; This item is a non-IFRS measure; see the "Non-IFRS and Additional Financial Measures" section in this document for relevant information about such measures.

Business Continuity – The Company's business continuity management program covers all the potential risks the Company may be exposed to through a consequence-based approach and is adapted to the hybrid operating model that combines remote with onsite work. The Company has implemented extensive business continuity plans throughout its business units to ensure continued service delivery at acceptable predefined levels following events that may disrupt their activities. Business continuity plans and the related procedures are reviewed and tested on a regular basis.

Risk-prone Situations, Incidents and Crisis Management – The Company and each of its business units have a structure and processes in place to ensure that events that could disrupt its activities are quickly identified and managed. Depending on the significance of these events, a multidisciplinary, management-level committee oversees the response and ensures consistency throughout the Company.

The Company has adopted a detailed communication plan designed to protect its corporate image during a crisis and to reassure the public about its ability to manage this kind of situation. The plan outlines the communication strategies to use in a crisis in order to notify the public of its causes and consequences, the procedures in place to resolve it and the measures taken to reduce the risk of recurrence. In addition, the Company continually monitors social media for elements that could have a negative impact on the Company's reputation and produces a report on the subject once a year, while also keeping a log of complaints found on social media.

## Legal, Regulatory and Reputational Risk

The Company is regulated by the provinces and territories of Canada and by the various states in the U.S. where it conducts business. It is also supervised by various regulatory bodies.

Regulatory non-compliance risk arises from the possibility of the Company failing to comply with applicable regulatory requirements in the jurisdictions where it operates.

The Company has adopted a *Regulatory Risk Management Policy* that is used as the basis for a regulatory risk management program. The Chief Compliance Officer is responsible for coordinating the program within the Company and ensuring that it is implemented and enforced in the various business lines.

To ensure the sound management of regulatory non-compliance risk, the Company uses a methodology that focuses on identifying, assessing and quantifying risk and putting effective, efficient and appropriate controls in place in its day-to-day activities. The Company's assessment of regulatory non-compliance risk includes the potential impacts on its operations and reputation, among other things.

The Company monitors new regulatory risks and communicates them to the appropriate business lines to ensure that any controls required to comply with new laws or guidelines are put in place in a timely manner. More generally, the Company emphasizes ongoing communication to remind employees of the importance of legal and regulatory compliance issues.

The Company is also exposed to reputation risk. This risk can arise from the occurrence of one or more risks in any of the risk categories. It may result from negligence or unauthorized actions by an employee or other individual affiliated with the Company, inappropriate behaviour by one of its representatives, or some other event that may, rightly or wrongly, have a negative impact on the public's perception of the Company and potentially lead to fewer clients, lost revenues or considerable litigation costs.

<sup>&</sup>quot; This item is a non-IFRS measure; see the "Non-IFRS and Additional Financial Measures" section in this document for relevant information about such measures.

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