

Financial Strength

Manulife Financial Corporation is a leading international financial services group that helps people make their decisions easier and lives better. With our global headquarters in Toronto, Canada, we operate as Manulife across our offices in Canada, Asia, and Europe, and primarily as John Hancock in the United States. We provide financial advice, insurance, and wealth and asset management solutions for individuals, groups and institutions. At the end of 2021, we had more than 38,000 employees, over 119,000 agents, and thousands of distribution partners, serving over 33 million customers.

Selecting a financial partner requires detailed evaluation, especially when your needs involve a long-term obligation such as a life insurance policy, pension or annuity. We understand that financial strength is at the core of our clients’ decision-making process. Our high-quality investment portfolio, diverse business and prudent risk management practices are key reasons clients choose Manulife and John Hancock. We are committed to delivering on obligations today, and for many years to come.

Well Recognized Brands with a History of Financial Stability

Manulife and John Hancock are internationally recognized brands which have stood for financial strength and integrity for more than 155 years. Millions of customers have chosen Manulife and John Hancock to provide them with solutions for their financial needs. We continue to focus on our ambition to be the most digital, customer-centric global company in our industry.

Strong Financial Strength Ratings¹

Ratings are a comprehensive measure of financial strength. Manulife and John Hancock have strong financial strength ratings¹ from AM Best Company (“AM Best”), DBRS Limited and affiliated entities (“DBRS Morningstar”), Fitch Ratings Inc. (“Fitch”), Moody’s Investors Service Inc. (“Moody’s”) and S&P Global Ratings (“S&P”).

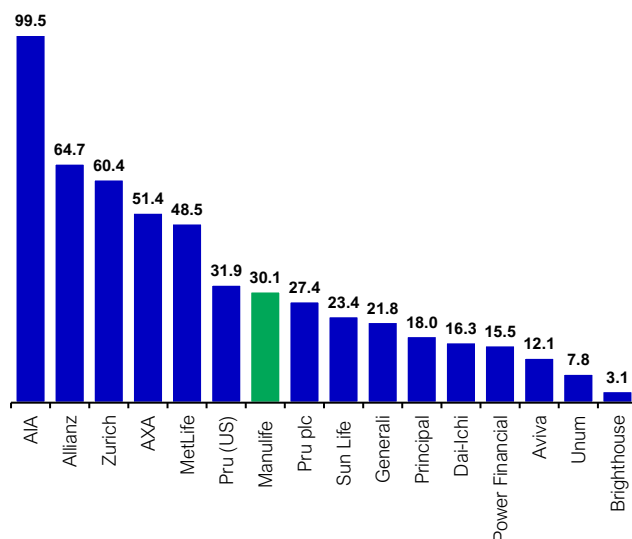
Rating Agency	Rating		Outlook
AM Best	A+	(Superior – 2 nd of 13 ratings)	Stable
DBRS Morningstar	AA	(Excellent – 3 rd of 22 ratings)	Stable
Fitch	AA-	(Very Strong – 4 th of 21 ratings)	Stable
Moody’s	A1	(Low Credit Risk – 5 th of 21 ratings)	Stable
S&P	AA-	(Very Strong – 4 th of 21 Ratings)	Stable

Significant Scale

Manulife’s size and scale translate into a substantial capital base, a diversified operating platform and ample resources to fund growth opportunities – all factors indicative of our financial strength. As at September 30, 2022, our market capitalization was US\$30.1 billion (C\$41.4 billion), making Manulife one of the largest life insurance companies in the world.

Global Life Insurers

Market Capitalization (US\$ billions)



¹Financial Strength Ratings apply to the main life operating companies of Manulife Financial Corporation including The Manufacturers Life Insurance Company, John Hancock Life Insurance Co. (U.S.A.), John Hancock Life & Health Insurance Co. and John Hancock Life Insurance Co. of New York. DBRS Morningstar does not rate the U.S. insurance subsidiaries separately. All ratings current as of September 30, 2022.

Market Data as at September 30, 2022. Source: NASDAQ

Prudent Risk Management Practices

Risk management is a core strength and focus of our business – from the roots of the design of every individual product we sell, through the direct oversight of the Company’s senior management.

Recognized Enterprise Risk Management

Manulife’s approach to risk management is governed by its Enterprise Risk Management (“ERM”) Framework, which provides a structured approach to risk-taking and risk management activities across the enterprise. Manulife has a strong commitment to ERM, demonstrated by our success in balancing the Company’s risks with our strategic business, growth and profitability goals.

Managing Equity Market and Interest Rate Risk Exposures

We continue to manage our product offerings and product mix in order to produce high risk-adjusted returns. Equity market sensitivities^{1,2} and interest rate sensitivities^{1,3} are diligently managed within established Board approved risk appetite and limits. Our interest rate and equity market sensitivities have decreased significantly since 2009 with implementation of robust hedging programs. As of September 30, 2022, our earnings sensitivity to a 10% decline in equity markets was C\$(570) million. At September 30, 2022, we estimated our earnings sensitivity³ to a 50 basis point parallel decline in interest rates to be nil.

Significant Liquidity

In today’s changing economic climate, liquidity is critical to all financial institutions. Manulife is fully self-funded, meaning our businesses generate enough cash flow to sustain our operations without being dependent on the commercial paper markets or other short-term funding arrangements. As at September 30, 2022, the Company held \$239.2 billion in cash & cash equivalents and marketable securities, comprised of cash on deposit, Canadian and U.S. Treasury Bills and high quality short-term investments, and marketable assets comprised of investment grade government and agency bonds, investment grade corporate bonds, investment grade securitized instruments, publicly traded common stocks and preferred shares, compared with \$268.4 billion as at December 31, 2021.

Strong Capital Levels and Financial Flexibility

Strong capital levels are also a good measure of financial strength. Having a large capital base enables us to sustain strong credit ratings, finance new opportunities, and most importantly, maintain our commitments to our policyholders.

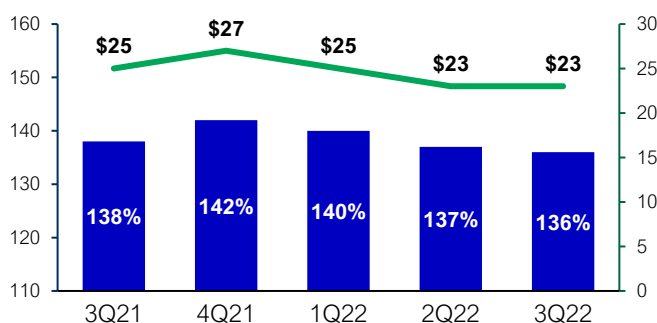
We monitor and manage our consolidated capital in compliance in compliance the Office of the Superintendent of Financial Institutions Canada’s (“OSFI’s”) Life Insurance Capital Adequacy Test (“LICAT”) Public Disclosure Requirements guideline.

The Manufacturers Life Insurance Company (MLI) ended the third quarter 2022 with a LICAT ratio of 136%, well above the supervisory target of 100%. The decrease in ratio is due to an unfavourable impact of market movements on capital, primarily due to an increase in risk-free rates.

Leverage ratio is another important consideration in determining Manulife’s financial strengths and credit ratings. We monitor and rebalance our capital mix through capital issuances and redemptions to manage optimal leverage ratio.

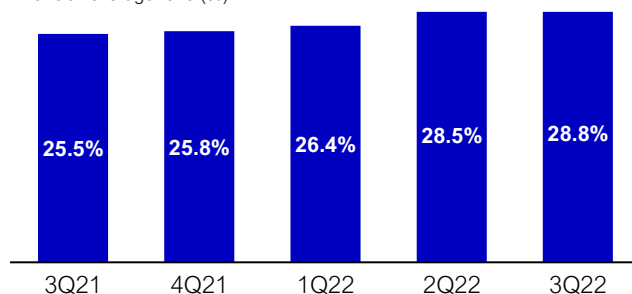
Current Regulatory Capital Position (MLI)

LICAT ratio (%) and Excess Capital over Supervisory Target (C\$ billions)



Leverage Ratio

Financial leverage ratio (%)



¹ See “Caution related to sensitivities” in the 3Q22 MD&A.

² Earnings sensitivity to equity markets is defined as the potential impact on net income attributed to shareholders of an immediate 10% decline in market values of publicly traded equities. See “Publicly traded equity performance risk” in the 3Q22 MD&A.

³ Earnings sensitivity to interest rates is defined as the impact of a 50bps parallel decline in interest rates on the net income attributed to shareholders. See “Interest rate and spread risk sensitivities and exposure measures” in the 3Q22 MD&A.

A Diverse Business Plan

At Manulife, we have successfully built a diverse business platform that offers a range of financial products in both developed and developing markets around the world. Through our principal operations in Asia, Canada and the United States, we address the needs of millions of clients with a mix of products and services that are relevant and tailored to their diverse needs. Diversity in geography, product, and distribution are key contributors to our financial strength.

Geographic Diversity

Manulife has market leading positions in Asia, Canada and the United States. Our diverse international operations allow us to leverage our people, products, technology and expertise across markets while helping provide natural hedges that ensure our risks and opportunities are effectively diversified. Our geographic footprint enables us to extend our brand, gain synergies, and benefit from economies of scale. This in turn provides operating earnings stability and a broadly diversified balance sheet, all of which help maintain our long-term financial strength.

Product Diversity

Manulife is a market leader in both financial protection and wealth management. We provide a suite of products and services to meet the current and future needs of individual and group customers. Financial protection products and services include individual life insurance, group life, health and disability insurance, and long-term care. Wealth management products and services include group retirement, annuities, mutual funds, exchange-traded funds, Undertakings for Collective Investment in Transferable Securities, unit linked products, institutional asset management, and banking. We pride ourselves in providing the very best financial protection and investment management services, tailored to customers in every market where we do business.

Multiple Distribution Channels

Manulife has a strong, well diversified digital and in-person distribution platform which includes independent advisors, contracted agents, financial planners, brokers, broker-dealers and other distribution partners. We have deep and growing relationships across multiple channels worldwide. This allows us to meet the varying needs of our international base of customers, regardless of their chosen distribution channel.

Sales Rank

Canada

#1	Group Benefits
#3	Retail Segregated Funds
#4	Retail Insurance
#10	Manulife Bank ¹

United States

#9	Individual Life Insurance
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Asia

#1	Vietnam Insurance
#1	Cambodia Insurance
#2	Singapore Insurance
#3	China (foreign insurers agency ranking only)
#4	Philippines Insurance
#5	Hong Kong Insurance
#8	Malaysia Insurance
#8	Indonesia Insurance
#17	Japan Insurance
#25	China Insurance

Global Wealth and Asset Management²

#1	HK Retirement ³
#2	Canada Retirement ⁴
#2	U.S. Retirement Small Case Market ^{4,5}
#4	U.S. Retirement Mid-Case Market ^{4,5}
#10	Canada Retail ⁶
#19	U.S. Retail ⁷

Sources: Most recent market data available (based on 2Q22 year-to-date figures unless otherwise specified) from various independent market surveys including LIMRA, Tillinghast, Fraser, IFIC and other sources.

¹ Manulife Bank is based on assets compared to domestic banks from information available from OFSI reports.

² Rankings for Global WAM are volume based.

³ Based on Mandatory Provident Fund scheme sponsor net new cash flows. Rankings as per the MPF Ratings Fund Flow and Market Share 3Q22 Report.

⁴ Based on 2Q22 figures

⁵ U.S. retirement small case pertains to <\$25 million and mid-case pertains to \$25 - \$100 million.

⁶ Based on 3Q22 figures.

⁷ Based on August 2022 year-to-date

A High Quality, Diversified Investment Portfolio

Our investment philosophy employs a bottom-up approach which combines our strong asset management skills with an in-depth understanding of the characteristics of each investment. We are not limited to fixed income investments but rather hold a diversified blend of assets, including a variety of alternative long-duration asset classes, which provides a distinctive positioning. We use a disciplined approach across all asset classes, and we do not chase yield in the riskier end of the fixed income or alternative asset markets. This philosophy has resulted in a well-diversified, high quality investment portfolio, with excellent credit experience.

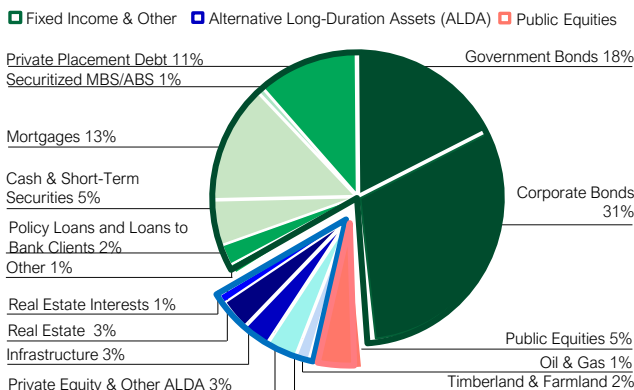
A Disciplined Investment Philosophy

Manulife has always followed a prudent investment approach – avoiding complexity, setting limits, diversifying, and applying a healthy dose of skepticism in all our credit decisions. This philosophy continues to serve us well.

Our invested assets totaled C\$411.3 billion as at September 30, 2022 and included a variety of asset classes that are highly diversified by geography and sector. This diversification has historically produced superior returns while reducing overall portfolio risk.

Highly Diversified Asset Mix

C\$411.3 billion, Carrying values as of September 30, 2022



Fixed Income Assets¹

- Approximately 82% of the total portfolio

Alternative Long-Duration Assets

- Diversified by asset class and geography
- Historically generated enhanced investment yields without having to pursue riskier fixed income strategies
- Equity-like returns with significantly lower volatility than public equity

Public Equities

- Diversified by industry and geography
- Primarily backing participating or pass-through liabilities

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Limited Net Exposure to Notable Items

Our exposure to notable items is very limited in the context of our total invested assets, which totaled C\$411.3 billion as at September 30, 2022.

- Financials fixed income net exposure² of C\$20.6 billion is well diversified by geography, sub-sector and name
- Commercial mortgage portfolio of C\$32.9 billion has low loan-to-value and high debt-service-coverage ratios. Risk segments of the markets, such as construction loans and second liens, are avoided.
- Gross unrealized losses were limited to C\$35.0 billion of our fixed income holdings
 - Gross unrealized losses for debt securities trading at less than 80% of amortized cost for more than 6 months is C\$1.3 billion
 - The potential future impact to shareholders' pre-tax earnings for debt securities trading at less than 80% of cost for greater than 6 month is limited to C\$822 million
- Limited net exposure to European bank hybrids (C\$18 million)³
- Limited exposure to credit default swaps ("CDS"), with C\$138 million notional outstanding of CDS protection sold

For additional details on our investment portfolio, please refer to our Investment Fact Sheet available on manulife.com.

All figures in accordance with International Financial Reporting Standards "IFRS" carrying value; quoted as at September 30, 2022 unless otherwise noted.

¹ Includes debt securities, private placement debt, mortgages, cash & short-term securities, policy loans, loans to bank clients, leveraged leases and other.

² Excludes par and pass-thru and reflects the cumulative impact of downgrades on reserves.

³ Presented based on location of issuer.

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