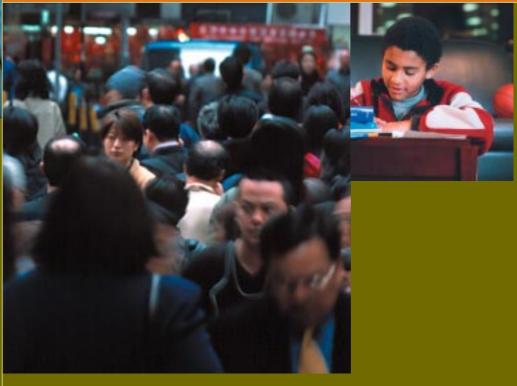
# **Manulife Financial**

2002 ANNUAL REPORT

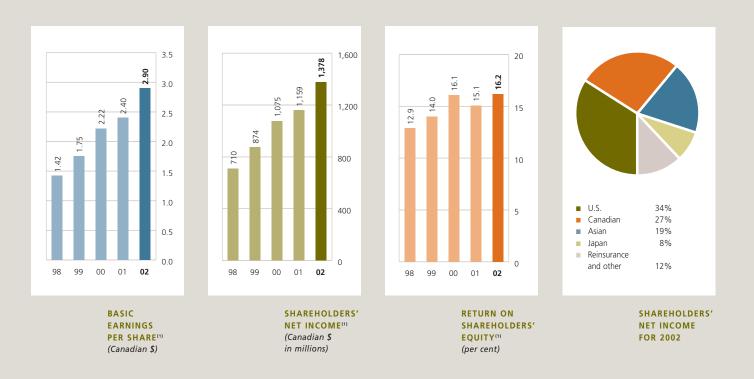


# belivering on promises



#### 2002 FINANCIAL HIGHLIGHTS

As at and for the years ended December 31



(1) For 1998 and 1999 – Shareholders' net income refers to earnings from mutual operations (prior to demutualization) and net income attributed to shareholders (after demutualization).

- Basic earnings per share have been calculated assuming common shares issued for demutualization and the initial public offering were outstanding at the beginning of 1998 and 1999.

#### A YEAR OF ACHIEVEMENTS AND RECOGNITION

**#1 Operational Relationship Among Annuity Providers.** Dalbar Inc. survey of leading broker/dealer community.

Benchmark Fund of the Year Awards, Total of 7 Awards – Manulife Asset Management (Hong Kong). Awarded by the South China Morning Post. Silver Award Winner for Excellence in Communications for U.S. Corporate Giving Annual Report – U.S. Division. Awarded by the Wilmer Shields Rich Awards Program.

Recognized for Outstanding Professional Training and Development of Staff and Agents – Manulife Financial in Hong Kong, Shanghai, Vietnam and Singapore. Awarded by the Life Office Management Association. First Place in Plan Sponsor Category – U.S. Division. Awarded by the Profit Sharing/401(k) Council of America.

Gold Quill Award for Excellence in Employee Communications for Global Volunteer Program. Presented by the International Association of Business Communicators. Best Corporate Governance Program. Awarded by The Globe and Mail's Report on Business.

**Consumer Education Award – U.S. Division.** Awarded by the American Council of Life Insurers. OUR P.R.I.D.E. VALUES GUIDE EVERYTHING WE DO - FROM STRATEGIC PLANNING TO DAY-TO-DAY DECISION-MAKING, TO THE MANNER IN WHICH WE TREAT OUR CUSTOMERS AND OTHER STAKEHOLDERS.

#### PROFESSIONALISM

We will be recognized as having professional standards. Our employees and agents will possess superior knowledge and skill, for the benefit of our customers.

#### REAL VALUE TO OUR CUSTOMERS

We are here to satisfy our customers. By providing the highest quality products, services, advice and sustainable value, we will ensure our customers receive excellent solutions to meet their individual needs.

#### INTEGRITY

All of our dealings are characterized by the highest levels of honesty and fairness. We develop trust by maintaining the highest ethical practices.

#### DEMONSTRATED FINANCIAL STRENGTH

Our customers depend on us to be here in the future to meet our financial promises. We earn this faith by maintaining uncompromised claims paying ability, a healthy earnings stream, and superior investment performance results, consistent with a prudent investment management philosophy.

#### EMPLOYER OF CHOICE

Our employees will determine our future success. In order to attract and retain the best and brightest employees, we will invest in the development of our human resources and reward superior performance.

year in review 4 message to shareholders 8 review of operations 20 our commitment to community 22 measuring our performance 28 management's discussion and analysis 58 management's and auditors' reports 60 consolidated financial statements 65 notes to the consolidated financial statements 95 supplementary tables 99 source of earnings 100 embedded value 102 subsidiary listing 103 corporate governance practices 106 board of directors 107 officers 108 office listing inside back shareholder information

# IFC

#### MANULIFE FINANCIAL SERVES MORE THAN 8.7 MILLION CUSTOMERS IN 15 COUNTRIES AND TERRITORIES AROUND THE WORLD.

- → More than one million individual insurance policyholders in Canada.
- → More than three million health benefits plan customers in Canada.
- → More than one million 401(k) pension plan participants in the United States.
- Largest average face amount for new life insurance policies in the United States, at more than U.S. \$1 million.
- → One out of every seven people in Hong Kong is a customer.
- → More than 1.1 million policies in Japan.
- → More than 416,000 customers in Indonesia.
- → More than 150,000 customers in Shanghai, China.

2002 Life Insurance Company of the Year – Manulife Indonesia. Awarded by the Asian Insurance Review.

Induction to the National Association of Variable Annuities Hall of Fame and John D. Marsh Memorial Award for influence and contribution in the annuity industry – Doug Wood, Chairman of Manulife Wood Logan. Awarded by the National Association of Variable Annuities. Corporate Excellence Award – Manulife Japan. Awarded by The Canadian Chamber of Commerce in Japan.

Web Care Award – Manulife Hong Kong. Awarded by the Internet Professionals Association. Canada's Outstanding CEO of the Year – President and CEO Dominic D'Alessandro. Awarded by a group of distinguished Canadian business leaders and presented by Caldwell Partners and the National Post.

Man of the Year – President and CEO Dominic D'Alessandro. Awarded by The Globe and Mail's Report on Business magazine. **#1 for Overall Operations Support – Manulife U.S.A. Annuities operations.** Awarded by Dalbar Inc. based on a survey of broker/dealer firms.

Top Rating in Participant Services – U.S. Division. Awarded by Plan Sponsor's annual defined contribution survey. by of To the cat an cre Fu Ho

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#### As at and for the years ended December 31

(Canadian \$ unless otherwise stated)	2002	2001	2000	1999	1998
OPERATING PERFORMANCE					
Shareholders' net income <sup>(1)</sup> (\$ millions)	1,378	1,159	1,075	874	710
Premiums and deposits (\$ billions)	29.9	25.8	24.6	20.5	15.7
Earnings per share <sup>(1)</sup> (\$)					
– basic	2.90	2.40	2.22	1.75	1.42
– diluted	2.88	2.38	2.22	1.75	1.42
Return on shareholders' equity <sup>(1)</sup> (%)	16.2%	15.1%	16.1%	14.0%	12.9%
FUNDS UNDER					
<b>MANAGEMENT</b> (\$ billions)	146.2	142.2	123.5	112.1	96.7
TOTAL CAPITAL (\$ billions)	12.0	11.5	8.6	7.8	7.4
VALUATION					
Book value per share (\$)	18.71	17.07	14.84	12.94	N/A
Share price (\$)					
– high	46.85	48.25	48.40	21.10	N/A
– low	27.62	34.35	15.25	16.95	N/A
– close	34.39	41.60	46.95	18.45	N/A
Market value to book value ratio	1.8	2.4	3.2	1.4	N/A
Price to earnings multiple	11.9	17.3	21.1	10.5	N/A

(1) For 1998 and 1999 – Shareholders' net income refers to earnings from mutual operations (prior to demutualization) and net income attributed to shareholders (after demutualization).

- Basic earnings per share have been calculated assuming common shares issued for demutualization and the initial public offering were outstanding at the beginning of 1998 and 1999.

rity First Award – Division Compliance agement. Awarded e American Council e Insurers.

ervice Award, Winner in nsurance company ory for the third time winner in the newly ed Mandatory Provident category – Manulife J Kong. Awarded by Magazine. Best Corporate Governance Award. Awarded by the Canadian Institute of Chartered Accountants/National Post Corporate Reporting Awards.

#1 in helping Financial
Consultants build their
College Savings 529 Plan
Business – Manulife College
Savings. Awarded by Marketing
Matrix International.

#### Caring Company Award – Manulife Hong Kong.

Awarded by the Hong Kong Council of Social Service in recognition of ongoing efforts in community service.

**#1 in Operational Relationships – Manulife U.S.A. Annuities operations.** Awarded by Operations Manager Roundtable for the second year. First in Customer Service – Elliott & Page Mutual Funds. Awarded by Environics Research.

**#1 in 5-year performance in the Canadian Income Trust Fund category – Elliott & Page Monthly High Income Fund.** Awarded by Morningstar Canada.

#### FORWARD-LOOKING STATEMENTS

This report includes forward-looking statements, which include, among others, statements with respect to the business operations and strategy as well as the financial performance and condition of the Company. These statements generally can be identified by the use of forward-looking words such as "may," "will," "expect," "intend," "estimate," "anticipate," "believe," or "continue" or the negative thereof or similar variations. These statements involve inherent risks and uncertainties that may cause actual results to differ materially from those expressed or implied by the forward-looking statements. Factors that could cause actual results to differ materially from the Company's expectations include, but are not limited to, general economic conditions worldwide, market factors, including global capital market activity, interest rate and currency value fluctuations, business competition, changes in government regulations or in tax laws, including estate taxes and changes in treatment of dividends, technological changes, changes in consumer demand for our products and services, realizing increased revenue from the expansion and development of distribution channel capacity, our ability to complete strategic acquisitions and to integrate acquisitions, catastrophic events, political conditions and developments and international conflicts including the war on terrorism. Readers are cautioned to consider these and other factors carefully and not to place undue reliance on the Company's forward-looking statements. The Company does not undertake to update any forward-looking statements.

#### **TO OUR SHAREHOLDERS**



I am pleased to report that Manulife Financial enjoyed its ninth consecutive year of record financial performance in 2002. That we were able to achieve such excellent results against the backdrop of the very challenging economic and social conditions that prevailed throughout the year is especially gratifying and confirms the robustness of our business model and the quality of our dedicated and capable people around the world.

Our strategic objective remains a simple one. We want to build Manulife Financial into the most professional life insurance company in the world, providing customers with the very best financial protection and investment management services. We will do this by always adhering to our basic values and by relentlessly improving our core capabilities in customer service, distribution excellence, product innovation, the use of technology, and the application of prudent risk and investment management techniques.

We are very mindful of the reality that in a global marketplace, our industry, perhaps more than most others, will be affected by circumstances and conditions that are constantly changing. And indeed, we develop detailed action plans to take advantage of opportunities that arise and to respond to challenges that emerge. However, everything we do, each of our initiatives and responses, is guided by our strategic vision, is always in keeping with our values and, in our experience, inevitably requires that we call upon those core capabilities that we work so hard to develop and sustain.

It is the clarity of our vision, and the determination with which we pursue it, that has allowed us to consistently deliver on our promises: our promises to shareholders to produce superior financial returns; our promises to clients to always remain financially strong and deliver good service; our promises to employees to provide a challenging and rewarding workplace; and our promises to our sales professionals to provide innovative and responsive products.

#### **OPERATING RESULTS**

In 2002, total premiums and deposits grew by 16 per cent to \$29.9 billion, shareholders' net income rose by 19 per cent to \$1,378 million and return on shareholders' equity rose to 16.2 per cent compared to 15.1 per cent a year ago. On a per share basis, earnings were \$2.90, an increase of 21 per cent from the \$2.40 in the prior year.

In keeping with this growth in earnings, the quarterly dividend was increased to 18 cents per share in the third quarter of the year from 14 cents. Over the past nine years, our compound annual growth in earnings per share has been 25 per cent, a performance matched by few companies in the financial services industry.

Notwithstanding this excellent record, our share price – while holding up relatively well compared to others in our industry – did decline by 17 per cent during the year. We believe that, in part, this is due to an incomplete understanding of the conservative nature of our accounting and actuarial practices. To help improve this situation, we have expanded our financial disclosure to include many of the measures we use to evaluate our performance, including source of earnings, embedded value, deferred acquisition costs and actuarial reserves.

Each of our operating divisions contributed to the year's strong performance.

#### UNITED STATES

All three of our U.S. businesses – Individual Insurance, Individual Wealth Management and Group Pensions – grew revenues, increased earnings and gained or held market share. A key to our success has been the depth and breadth of our multi-channel distribution strategy, with all businesses continuing to build strong relationships with the many intermediaries who market our products.

Over the past nine years, our compound annual growth in earnings per share has been 25 per cent, a performance matched by few companies in the financial services industry.

The Individual Insurance business enjoyed an especially good year with favourable claims experience and excellent control of operating expenses. The variable annuity business responded well to the difficult market conditions, restructuring many of its products to reduce acquisition costs and lower its risk profile. The Individual Wealth Management business now includes college savings plans, which were introduced last year and are being well received. In the Group Pensions business, Manulife is now the clear leader in its market segment of small and medium-sized cases, expanding its participant base to more than one million.

#### CANADA

Our Canadian businesses are better positioned now than they have been in years as past investments in product development and expansion of distribution capabilities have led to increases in market share across virtually all product lines. Especially encouraging is that for the first time in recent memory, actual operating costs have been brought into line with the costs assumed in product pricing and we are now realizing the benefits from significant investments in technology.

In 2002, our Individual Insurance business established preferred relationships with an enlarged base of independent producers while successfully integrating the acquisitions concluded last year. The Affinity business enjoyed good growth in revenue and net income. In the Group Life and Health business, excellent claims experience and reduced unit costs drove earnings to record levels. Our focus on building our defined contribution Group Pensions business is showing results, with several important clients acquired in 2002. The Individual Wealth Management unit was successful in increasing its revenues through a combination of new product introductions and improved distribution. However, weak equity markets did necessitate some strengthening of reserves for segregated fund guarantees, reducing the earnings contribution from this unit.

#### ASIA

The Asian Division had an especially strong 2002, led by the continued success of our flagship Individual Life insurance business in Hong Kong and strong growth across all other units. Revenues, funds under management and net income were all at record levels. Noteworthy developments included the start-up late in the year of our second operation in China, the acquisition in the Philippines of CMG's local business, the resolution of our disputes in Indonesia, and the success of our Mandatory Provident Fund pension business in Hong Kong where services are now provided to more than 400,000 participants. Growth in the agency force remained a key priority with the number of agents rising by 2,200 to almost 18,000 at the end of the year. We are encouraged by what is being accomplished by the Division. For the first time ever, each one of our Asian units is expected to make a positive contribution to earnings in 2003 – a welcome development after many years of absorbing start-up losses in a number of new ventures throughout the region.

#### JAPAN

We remain firmly committed to our financial targets of earning a 16 per cent return on equity and growing our earnings per share by 15 per cent per year. The financial results of our Japan Division were disappointing and reflect the extremely difficult economic environment in that country where both interest rates and stock markets are at historically low levels. Consumer confidence remains weak, affecting demand for life insurance products. Notwithstanding these unfavourable conditions, Manulife Japan launched an innovative variable annuity product which, together with its universal life offerings introduced last year, gives it a modern and industry-leading range of products. We are strengthening our agency force and broadening channels of distribution through new relationships with banks and securities firms, and we continue to improve our operational capabilities and further reduce our cost base. When the long-awaited improvements in general economic activity come to fruition, we believe Manulife Japan will be well-positioned in this very important market, the second largest economy in the world.

#### REINSURANCE

The Reinsurance Division had a very strong year as revenue levels rose and earnings rebounded from last year's poor levels that were affected by losses related to the September 11, 2001 terrorist attacks. No change was made to the reserves established for losses arising from the terrorist attacks as actual claims experience to date remained well within estimated amounts. The Division continued to focus on its core Life Retrocession business and successfully pursued selected opportunities in the property and casualty market, where rates were particularly attractive. Participation in accident reinsurance lines was curtailed as planned.

#### INVESTMENTS

Despite the challenges to equity markets and corporate credits in 2002, our investment portfolio performed well, reflecting the benefits of portfolio diversification, our strong credit culture and our conservative approach to both provisions and valuations. In particular, our mortgage, real estate, Manulife Capital and bond portfolios produced especially strong returns. Overall, the quality of our assets remains excellent, with the ratio of our net impaired assets to total assets falling to 16 basis points at year-end from 25 basis points a year earlier. We also delivered performance significantly above benchmarks across our Canadian mutual fund portfolios which, combined with strong marketing efforts, led to important gains in market share. Together with excellent growth in our institutional and sub-advisory businesses, this contributed to growth of \$2.7 billion in third-party assets managed by MFC Global Investment Management.

#### LOOKING FORWARD

Although our strong preference is to grow our businesses organically, we are always alert to acquisition possibilities that may present themselves now or in the future. And, in anticipation of a consolidation of the Canadian financial services industry, we acquired a 9.1 per cent interest in Canada Life very shortly after its demutualization in 1999. In December 2002, we made an unsolicited offer to acquire this company for a consideration of \$6.3 billion which, had it been successful, would have created the largest insurance company in Canada. Before the expiration of our offer on February 28, 2003, a competing bid emerged which valued the company at \$7.3 billion and which Canada Life has accepted. We've carefully considered our alternatives and have concluded that to pursue this acquisition would not be in the best interests of our shareholders.

As we've mentioned many times, the financial services industry is being fundamentally transformed around the world. Our expectation is that other business combination opportunities will continue to emerge in each of the markets where we do business and we remain well-prepared to consider those that meet our rigorous operational and financial criteria.

In the meantime, as more fully explained in this report, all of our operating units are poised for profitable growth and are expecting to perform well in the periods ahead. As a company, we remain firmly committed to our medium-term financial targets of earning a 16 per cent return on shareholders' equity and growing our earnings per share by 15 per cent per year.

We are also encouraged by the level of recognition that Manulife Financial is receiving from informed observers around the world. We are particularly proud that, in a period when the subject of corporate governance has taken on such great significance, the longstanding practices in effect at our fine Company were singled out for commendation. A list of the various awards conferred upon us is provided on the opening pages of this report.

I want to conclude this message by thanking the thousands of Manulife Financial employees, agents and business partners around the world for their support and commitment to the Company. They are the reason why we've been able to perform so well and why we are optimistic about our future prospects.

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**DOMINIC D'ALESSANDRO** *President and Chief Executive Officer* 



# promise

THE ESSENCE OF MANULIFE IS A promise. TO OUR SHAREHOLDERS WE PROMISE TO DELIVER above average returns. To our customers we promise to provide the products that will deliver the funds required for a college education, the financial means for retirement and the support you need to cope with the unexpected.

## promises are for life

THERE IS NOTHING MORE IMPORTANT IN A RELATIONSHIP THAN TRUST. TRUST ALLOWS FOR GROWTH, THE EXCHANGE OF KNOWLEDGE AND OVER TIME IT BECOMES THE FOUNDATION OF VERY LONG-TERM RELATIONSHIPS.

AS THE WORLD CHANGES WITH UNPRECEDENTED SPEED, OUR CHALLENGE IS TO PROVIDE THE BROADEST RANGE OF FINANCIAL PRODUCTS AND SERVICES THAT WILL MEET ALL OUR CUSTOMERS' NEEDS AT EVERY STAGE OF LIFE. THIS MEANS THAT STANDING STILL IS NOT AN OPTION. THE MANULIFE CULTURE IS ONE THAT IS STEEPED IN INNOVATION, AGGRESSIVE GROWTH AND FINANCIAL PRUDENCE. IT'S A BALANCE THAT HAS BUILT A COMPANY THAT IS A LEAD-ING PROVIDER OF FINANCIAL PRODUCTS AND SERVICES IN CANADA, THE UNITED STATES AND ASIA.

WHETHER YOU'RE SAVING FOR YOUR CHILDREN'S EDUCATION, WORKING TO PAY OFF A MORTGAGE, INVESTING FOR RETIREMENT OR SEEKING TO INSURE YOURSELF AGAINST THE UNEXPECTED IN LIFE, WE'RE WORKING TO HELP ALL OF OUR CUSTOMERS MAKE BETTER FINANCIAL DECISIONS AS THEY PREPARE FOR THE FUTURE.



## OUR PROMISE OF THE best products

The best products are the ones that work to deliver the most value to our customers. At Manulife, we continually leverage our global product development experience to create the best products for the unique local markets in which we operate.

In Japan, we introduced ManuFlex – a North American developed product – as one of the country's first true universal life policies. We are also leveraging our success in the Variable Annuity business in the United States to provide similar products and services in the savings market in Japan.

In the U.S., Manulife leads the industry in the provision of 401(k) pension plans to small and mid-sized companies. We deliver the entire package from investments to record-keeping, compliance, communications and enrolment, and we consolidate all the back office administration in Canada to reduce costs.

Manulife was the first insurance company to introduce a 100 per cent market value guarantee to segregated funds, providing Canadian customers with solid investment returns and security. Today, innovation continues with the launch in Canada of the Manulife Investment eXchange (MIX), allowing customers to switch between mutual funds from different families of funds.

## OUR PROMISE OF THE finest customer service

Delivering the best service requires that we see things from our customers' point of view and that means adapting how we deliver and service our products to the unique needs of each market where we do business.

The effective use of technology allows us to meet the constantly evolving needs of our diverse customer base. In Asia, where relationships are deeply embedded in the fabric of the culture, we have a dedicated sales force that makes the initial contact, works to impart knowledge and build trust over time, and serves the customers' needs.

In North America, where distribution is through third parties, we're focused on meeting the needs of our customers by providing them with the best support in the industry.

Through Internet access, customers worldwide can access the status of their investment accounts and make changes to their asset allocation. It means that you get to do business with Manulife when and where it suits you best.



"Within the Company, there is a willingness to accept new ideas. There is an openness to saying where is the market... where are we going... do we have the right products and should we be moving in new directions." - BRUCE GORDON. Executive Vice President and General Manager. Canadian Operations

# OUR PROMISE OF financial strength

Manulife's financial strength comes from its diversity of operations, strong market positions and sound capitalization.

With an active presence in 15 countries and territories around the world, we offer a broad array of protection and wealth management products and services and deliver them to customers through multiple distribution channels. This diversification has driven consistently strong earnings and the capacity to internally generate a significant amount of capital, providing Manulife with the ability to grow the profitability of our existing businesses and participate in selective acquisitions. In 2002, Manulife Financial delivered its ninth consecutive year of record earnings, with shareholders' net income growing at a compound annual growth rate of 25 per cent since 1993. Premiums and deposits, our measure of top line growth, rose to \$29.9 billion for 2002, an increase of 16 per cent over 2001. And most importantly, the return on shareholders' equity – perhaps the most significant measure of financial performance – was 16.2 per cent for the year.

Our financial strength is recognized by the rating agencies who have assigned Manulife Financial credit ratings that are among the highest of any insurance company in the world, including a rating of AA+ from Standard and Poor's and Aa2 from Moody's.

# BE THE BEST AT every

# thing we do

we're focused on the quality of our people and products, the strength of our distribution, solid organic growth and prudent acquisitions. The essence of this strategy is that it doesn't rest on a single tactical element. It's about doing everything we do to the best of our ability. Financial discipline has been the foundation of Manulife's success for the past 115 years. This strict discipline sharpens our focus so that we only undertake risks that we fully understand. It's a process that produces stability of earnings and growth for the future.

## INVESTMENT performance

WHEN IT COMES TO INVESTMENT PERFORMANCE, RESULTS MATTER. OUR INVEST-MENT PORTFOLIO IS STRUCTURED TO PRODUCE SOLID LONG-TERM GROWTH RATHER THAN SHORT-TERM ACCOUNTING RESULTS. FOR MANULIFE, THE PERFORMANCE OF ITS INVESTMENT PORTFOLIO IS THE RESULT OF BROAD DIVER-SIFICATION AND PRUDENT MANAGEMENT. IT'S A PROCESS THAT'S PRODUCED AN OVERALL YIELD IN OUR ASSET PORTFOLIO OF 5.93 PER CENT IN A YEAR WHEN THE EQUITY MARKETS WERE DOWN 23 PER CENT (S&P 500) AND INTEREST RATES WERE DEPRESSED.



### growth from within

More than 8.7 million people do business with Manulife around the world. In fact, more than 75 per cent of the Company's business comes from outside Canada. This growth is a product of expanding our distribution networks, the continuous introduction of innovative products and services, and selective acquisitions.

Growing the profitability of our existing businesses is the most important thing we do. We succeed by offering more of the right products and services to more people and by controlling our costs.

In 2002, Manulife outsourced the management of its information technology infrastructure and operations, helping the Company deliver improved customer service and significant expense management opportunities as well as providing strategic flexibility to integrate new businesses. "We are committed to being the most professional life insurer in the world. That means being the best at everything we do and operating with the highest ethical standards. It also means we are committed to exceeding the minimum levels of good governance, compliance and transparent reporting. We know that's what our customers and shareholders expect of us."

> - DOMINIC D'ALESSANDRO, President and Chief Executive Officer

#### CONTINUOUS INNOVATION IN 2002

- First in Canada to offer through independent financial advisors a mutual fund investment account (MIX) giving customers access to multiple investment management firms.
- Among the first to offer variable annuities in Japan, with ManuSolution.
- First insurer to offer a Parent Replacement Option in Singapore, which allows for the creation of a perpetual estate.
- First to provide a Voluntary Benefit Plan in Hong Kong.
- The most comprehensive cancer and heart disease coverage for Canadians through Lifecheque.
- First Canadian insurer to offer an income plan (Nursing Care Income Plan) targeted to people who require long-term care using a unique method for assessing mortality and morbidity risk.
- First in Vietnam to link the insurance policy face amount to the U.S. dollar exchange rate or gold prices, with the new Value Preservation Option.

### RISK management

Without risk, there is no opportunity. Effective risk management begins with understanding the risks we take and the opportunities we have. At Manulife, we monitor risk and opportunity continuously and comprehensively. We have established an integrated enterprise-wide framework for managing all risks across the organization. This framework ensures that all business activities are aligned with the Company's overall approach to risk taking as well as customer and shareholder expectations.

Effective risk management begins at the top and flows throughout the organization. Manulife's Chief **Risk Officer continuously** assesses every aspect of our risk exposure. Our risk framework sets out about 40 risks covering five broad categories: strategic, product, asset liability and market, credit, and operational risks. These risks are monitored and managed on a daily basis by qualified professionals in all our businesses around the world. We take risk seriously.

### corporate governance

When your business is about making and keeping promises to millions of people throughout their lives, there are important principles you learn to live by and integrity tops the list.

Good governance begins with an independent Chairman and a Board of Directors comprised of knowledgeable people with complementary skill sets and experience. This establishes a framework to review all of our actions and guides decisionmaking.

At Manulife, there is an unwavering commitment to customers and shareholders embedded within the culture of the Company. To receive two awards for the "Best Corporate Governance Program" is gratifying and confirms that we must continue to improve every aspect of governance. It's a process that never ends.



ARTHUR R. SAWCHUK, Chairman and HUGH W. SLOAN, JR., Director

# working together

# MAKES THE DIFFERENCE

when we provide the best Service and Value to our customers, we deliver the greatest value to our shareholders. It's a focus that is based on continuous learning and innovation. we're motivated by the knowledge that there is nothing we're doing today that we can't improve on for tomorrow. We're focused on our customers, the quality of our products and the efficiency of our distribution. To deliver on these promises requires the best people in the business ... and we have them.



#### TRAINING

At Manulife, the learning never stops. In Hong Kong, we developed a certificate program in Financial Planning with the Chinese University of Hong Kong. To date, more than 500 agents have graduated from this program.

The Manulife Wood Logan Academy is considered among the industry's premier providers of insuranceoriented continuing education credits for U.S.-based financial professionals. In 2002, the Academy delivered more than 50,000 credits to 13,000 representatives in 1,800 unique sessions.

"The biggest asset we have in the U.S. is not only our balance sheet, it's the huge pool of intermediary relationships we have."

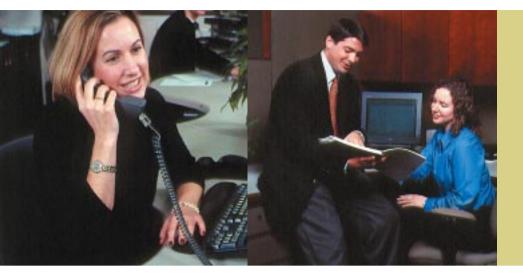
JOHN D. DESPREZ III Executive Vice President, U.S. Operations and Chairman and President, Manulife U.S.A.

# MULTI-CHANNEL distribution

In the U.S., Manulife sells through a wide range of intermediaries including brokers, financial planners, pension experts and other companies' captive sales forces.

Constant attention is required to support the needs of this diverse sales force. There is no substitute for attention to detail and superb execution. It's something Manulife does because of the quality and commitment of our people to provide the best customer experience in the industry.

Our approach to distribution in Asia is focused on a dedicated and highly trained sales force. This is the most effective means of reaching customers within Asia. Manulife recruits high profile agents with professional backgrounds in finance, law, accounting and civil service. These highly skilled people are able to deliver the service clients expect. It's a distribution model ideally suited to meet the needs of customers in the region.



AROUND THE WORLD, MANULIFE RELIES ON TEAMS OF PEOPLE, WORKING COLLABORATIVELY TO DELIVER THE SERVICES THAT OUR CUSTOMERS EXPECT. FROM DEDICATED SALES TEAMS IN ASIA TO THIRD PARTY SALES NETWORKS IN NORTH AMERICA, OUR GOAL IS TO PROVIDE OUR CUSTOMERS WITH PROD-UCTS AND SERVICES IN THE MOST EFFECTIVE AND EFFICIENT MANNER.

"Without good people, nothing else quite matters in business. We have made a concerted effort to attract and retain exceptional people into a true meritocracy where individuals are judged on their capabilities alone."

- DIANE BEAN, Senior Vice President, Corporate Human Resources and Communications

# OUR PROMISE OF technology

The effective use of technology allows us to meet the constantly evolving needs of our diverse customer base, keep costs down, facilitate distance learning and support our global sales force. In the U.S., where we have a leading market share in the 401(k) pension plan business for small to medium-sized firms, automating millions of deposits, registrations and communications

is critical to success. Manulife is also able to leverage cross-border strengths with back office processing consolidated in Toronto, Canada to deliver a lower, more competitive cost base.

A continuing focus on the development of secure Internet site capabilities has helped Manulife establish a leadership position in the Canadian group benefits market. In 2002, services for plan advisors were introduced, and enhancements were made to the Web sites serving plan administrators and members. Plan member functionality includes the ability to register for direct deposit of claim payments, in addition to the ability to track claims payment progress and perform administrative transactions.



# Being a good corporate citizen is fundamental to being a world-class company.

#### **BEYOND PROMISES**



Every year, we make carefully considered contributions to the communities in which we operate in Canada, the United States and Asia. In partnership with reputable charities and non-profit organizations, we make donations, fund sponsorships, and support the volunteer activities of our employees and distribution partners.

We guide our citizenship practices by the principle of 'giving forward.' We concentrate on important emerging areas where we can make a positive difference for the future, with a concentration on health care, education and community service, including promotion of local volun-

tarism. Within these broad categories, we have purposely selected programs that address specific local needs in various locations and cultures.

Each year, Manulife employees around the globe volunteer thousands of hours to raise funds and help operate a large number of community organizations.

In 2002, Manulife contributed more than \$6.2 million to approximately

700 organizations. In addition to our corporate financial contribution, Manulife employees generously dedicated thousands of hours of volunteer work to our community partners.

Our employee and corporate efforts continue to affirm Manulife's commitment to our communities.





#### UNITED WAY

Each year, in Manulife offices across North America, employees band together to raise funds for their local United Way campaigns. Volunteer committees organize a month of fun-filled fundraising events. All money raised is matched dollar-fordollar by the Company. In 2002, the combined employee and corporate gift to North American United Way campaigns totaled more than \$1.8 million.

- More than 1,500 enthusiastic employees and agents participated in the 2002 Walks for Millions raising funds for the needy in Hong Kong.
- Manulife Taiwan joined the fun of the Terry Fox Run in Taipei to raise funds for cancer research.
- Manulife Indonesia's Care Foundation held a blood donor clinic at its head office.
- 4. Manulife Vietnam launched the "Let's Help Children Go to School" campaign. Employees and agents donated school bags, notebooks, pens and their time to students of a local high school.
- President and CEO Dominic D'Alessandro participated at a United Way event in Toronto.
- Manulife U.S.A. supported the Edward Everett Schoolyard Initiative.

#### SUPPORTING HEALTHY FUTURES

As the worldwide population ages, communities will be faced with far-reaching social and economic consequences. Manulife is responding by supporting programs that encourage people to adopt healthy lifestyle habits as they age so that they may live longer, healthier and happier lives.

#### **BUILDING PARTNERS IN THE COMMUNITY**

Manulife often focuses its resources on community groups with which employees can become involved. The Company runs matching gift and volunteer recognition programs for employees and distribution partners that encourage community participation.

#### VOLUNTEER PROGRAMS

Each year, Manulife employees around the globe volunteer thousands of hours to raise funds and help operate a large number of community organizations.

At Manulife, we strive to recognize our employee volunteers because we value their efforts, and hope to inspire others to follow their lead. Every year, a Global Citizenship Award is presented to one employee for outstanding volunteer support to their community.



#### **DEVELOPING LEADERS OF TOMORROW**

Helping young people prepare for a career and choose an employer is important to Manulife, which strives to be an employer of choice itself. To encourage students to plan their futures, we support educational programs that help young people make the transition from schooling to a career.

#### MEASURING OUR PERFORMANCE

This section is presented as an aid to understanding the Company's financial results and the measures we use to evaluate our performance. In 2001, Manulife became the first major Canadian insurer to disclose its Embedded Value. In 2002, Manulife expanded its financial disclosure to include a Source of Earnings statement. The following pages describe how these metrics are linked to our income statement and balance sheet. Our commitment is to work to improve the financial transparency of our results for our shareholders, customers and the analyst community so that they can properly assess the Company's financial performance, financial strength and prospects for the future.

#### CONSOLIDATED STATEMENTS OF OPERATIONS

Please refer to page 60 for the complete statements.

Network         Upper 1         State of the second	Canadia         Control         Biol         Control           Control         1,000         1,000         1,000           Control         1,000         1,000         1,000         1,000           Control         1,000         1,000         1,000					
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Annual programming         Line         1           Annual programming         Line         1           Interfactorial symposition         Line         1           Interfactorial symposition         Line         1         1           Constrained         Line         1         1           Constrained         Line         1         1           Team Programming         Line         1         1           Team Programming         Line         1         1         1           Team Programming         Line         1         1         1         1         1           Team Programming         Line         Line         Line         1 <td< td=""><td>Annual programming         Line         1           Annual programming         Line         1           Interfactorial symposition         Line         1           Interfactorial symposition         Line         1         1           Constrained         Line         1         1           Constrained         Line         1         1           Team Programming         Line         1         1           Team Programming         Line         1         1         1           Team Programming         Line         1         1         1         1         1           Team Programming         Line         Line         Line         1         <td< td=""><td>Death and disability benefits</td><td>\$</td><td>2,366</td><td>- 5</td><td>2,15</td></td<></td></td<>	Annual programming         Line         1           Annual programming         Line         1           Interfactorial symposition         Line         1           Interfactorial symposition         Line         1         1           Constrained         Line         1         1           Constrained         Line         1         1           Team Programming         Line         1         1           Team Programming         Line         1         1         1           Team Programming         Line         1         1         1         1         1           Team Programming         Line         Line         Line         1 <td< td=""><td>Death and disability benefits</td><td>\$</td><td>2,366</td><td>- 5</td><td>2,15</td></td<>	Death and disability benefits	\$	2,366	- 5	2,15
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Biocontrolling metals shaldbard         32         32           Secontrolling metals and explore         100         100           Terms Methic Neuron Lines         1000         1000           Terms Meth	Biocontrolling metals shaldbard         32         32           Secontrolling metals and explore         100         100           Terms Methic Neuron Lines         1000         1000           Terms Meth					
bits problem (more standing building)         45         4         6           Marging building and optical standing and o	bits problem (more standing building)         45         4         6           Marging building and optical standing and o					
Instantial function (Constraint)         1         1/1         1/1           Sector (Constraint)         1         1/1         1/1         1/1           Sector (Constraint)         1         1/1         1/1         1/1         1/1           Mark Lossen (Constraint)         1         1/	Instantial function (Constraint)         1         1/1         1/1           Sector (Constraint)         1         1/1         1/1         1/1           Sector (Constraint)         1         1/1         1/1         1/1         1/1           Mark Lossen (Constraint)         1         1/	Trust preferred securities issued by subsidiaries				
Income before losses         U.D.W         U.B.	Income before losses         U.D.W         U.B.	Total policy benefits and expenses	\$	14,858	5	14.86
Internet later man in         TPM 0         TP           Maximum         1         123         1         123           Maximum         1         124         1         123           Maximum         1         124         1         123           Maximum         1         124         1         1           Maximum         1         124         1         2         2         1         2           Maximum         1         124         1         2         2         1         2         2         1         2         2         1         2         2         1         2         2         1         2         2         1         1         2         2         1         1         2         2         1         1         2         1         1         2         2         1         1         2         2         1         1         2         1         1         2	Internet later man in         TPM 0         TP           Maximum         1         123         1         123           Maximum         1         124         1         123           Maximum         1         124         1         123           Maximum         1         124         1         1           Maximum         1         124         1         2         2         1         2           Maximum         1         124         1         2         2         1         2         2         1         2         2         1         2         2         1         2         2         1         2         2         1         1         2         2         1         1         2         2         1         1         2         1         1         2         2         1         1         2         2         1         1         2         1         1         2				- 5	1.36
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Set texases from garding alternative set of the set of	Set texases from garding alternative set of the set of	Net income	\$	1,370	5	1,16
Instructional translation         1         127         1         1           But increase         1         102         1         1         1           But increase         1         102         1	Instructional translation         1         127         1         1           But increase         1         102         1         1         1           But increase         1         102         1	Net income (loss) attributed to participating policyholders	\$	(1)	5	
Wiejpha wrząs wuchs o torsono sławs         0 101         111           wiejska wrząs wuchs o torsono sławs         0 15         411           Wiejska wrząs wuchs o torsono sławs         0 15         411           wiejska wrząs wuchs o torsono sławs         0 15         411           wiejska wrząs wuchs o torsono sławs         0 15         411           wiejska wrząs wuchs o torsono sławs         0 15         101           dziata sławieg w sławe         5         2 10         1           Dziate a wrząs w sław         52         121         52	Wiejpha wrząs wuchs o torsono sławs         0 101         111           wiejska wrząs wuchs o torsono sławs         0 15         411           Wiejska wrząs wuchs o torsono sławs         0 15         411           wiejska wrząs wuchs o torsono sławs         0 15         411           wiejska wrząs wuchs o torsono sławs         0 15         411           wiejska wrząs wuchs o torsono sławs         0 15         101           dziata sławieg w sławe         5         2 10         1           Dziate a wrząs w sław         52         121         52					1,15
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outstanding (in when)         475         48           Weightid waves number of divised convrons shares         475         40           soutstanding (in when)         475         5         2.0           Basic earnings per share         5         2.0         2.4           Diluted earnings per share         5         2.48         5         2.3	outstanding (in when)         475         48           Weightid waves number of divised convrons shares         475         40           soutstanding (in when)         475         5         2.0           Basic earnings per share         5         2.0         2.4           Diluted earnings per share         5         2.48         5         2.3	Weighted average number of common shares	-		÷.	
Weighted average anaber of diluted common shares         437         48           sentistical (sentine)         470         48           Basic sentings per share         5         2.56         2.41           Child sentings per share         5         2.46         2.31	Weighted average anaber of diluted common shares         437         48           sentistical (sentine)         470         48           Basic sentings per share         5         2.56         2.41           Child sentings per share         5         2.46         2.31	outstanding (e-million)		476		- 48
Basic earnings per share \$ 2.50 \$ 2.4 Diluted earnings per share \$ 2.58 \$ 2.3	Basic earnings per share \$ 2.50 \$ 2.4 Diluted earnings per share \$ 2.58 \$ 2.3	Weighted average number of diluted common shares				
Diluted earnings per share \$ 2.88 \$ 2.3	Diluted earnings per share \$ 2.88 \$ 2.3	outstanding (n willow)				
The accompanying states to three consolidated financial contrasts, are an integral part of these distancess.	The analogoup quarters is then excludent function extension, as an integraph of these planets.	Deuted earnings per share	,	2.88		
		Diluted earnings per share	ŝ	2.88	ŝ	

#### SOURCE OF EARNINGS

Please refer to page 99 for a discussion of Source of Earnings.

	Manulife uses in each repor- our busines.										
	In the Source of egalar expect or losses com assumptions, of generated the	ed pro pering serving	fitte on in actual to p on surp	form expe	business, sched out als and th	the in comen	, the imp of taxes	art o art o	adress, og £ change ggregale, t	perient s in a	e gaiz tuasia
	The expected Receivers for and the expect	Adve	an Dendat	tion (	1959Dar") o	n the					
	N riting new h practices and Companyrepo year. The value in the firancial reserves. The filly covered h	estab orted a e creat i state ispect	dishes strong an overall and by the ments, this of most b	ng in los new b svala	itial read in the intr uniness in a was of fa- a also int	rve refec t by t luter	on new i stement for ted in the fae consec- any acqui	burin ron r e erb	ese. Cons sev busine edded value e PEADs in	equent as in t a culo the ac	ly, th he film fattion huerte
	The experience where the actual the actuarial re- due to investme prudent. This	il cope aurver aur ver	rience in t or where t arket perfo	he car he car nenc	unt parks unt parks to.The C	fee i	nation th none dif- ty believe	in eop faret i to eo	ected resu on the an spected as	dts au out e	and i pacts
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Rarnings on a Company's au very in hereo			cupital). 7	24000	asset a com	ates :	a di versit				
	Income taxons the juristiction						ings base	d on t	the varytr	ng taac a	aber
	Handlife's she lion the previo			20380	increased	to \$1	.378 milli	ion ir	a 2002 firm	n \$1,2	19 mil
SOURCE OF EARNINGS For the years ended December 21 (Canadian 5 in million)			200.2								
Expected profit from in force bu		5	1.068		918		2000		747		61
Impact of new business		-	(119)	×.	(195)	÷.	(82)	×.	(242)		6
	of assumptions		215		(121)		(93)		126		j.
Experience gains Changes in actuarial methods as			527		645		649		538		- 21
Changes in actuarial methods an Earnings on surplus funds		\$			1.355	5	1.348	- 5	1.176	5	- 25
Changes in actuarial methods an		\$	1,682 (204) 1,278	5	(196)		(273)		(202)	3	

#### EMBEDDED VALUE

Please refer to pages 100-101 for a discussion of Embedded Value.



CONSOLIDATED BALANCE SHEETS

Please refer to page 61 for the complete statements.

As at December 31 (Canadian 1 in million)		1001		
ASSETS		3003	_	
Invested assets inste 8)				
Bonds	5	46,677	5	46,0
Mortgages		9,294		7,5
Stocks Real estate		6,898		6.9
Policy loans		4,929		4.6
Cash and short-term investments		5,142		- 49
Other investments		1,041		6
Total invested assets	5	77.562	5	74.7
Other assets			-	-
Accrued investment income	5	1,010	5	1,0
Outstanding premiums		558		- 4
Future income taxes (sole 5) Goodwill		122		- 3
Miscellaneous		1,299		
Total other assets	5	2,622		2.0
Total assets		81,195	÷	78.6
Segrepated funds net assets		58,821	5	59.2
LIABILITIES AND EQUITY			-	
Actuarial liabilities (note d)	\$	56,397	5	54.0
Benefits payable and provision for u	nreported claims	2,693		2,4
Policyholder amounts on deposit		2,835		2,7
Deferred realized net gains (sate x) Banking deposits		1,297		15
Other labilities		2,499		2.0
-	5	69,158	5	67.0
Subordinated debt (size s)		1,426		
Non-controlling interest in subsit		1,059		1,0
Trust preferred securities issued i Equity	by subsidiaries (cate 3)	794		
Participating policyholders' equi Shareholders' equity	ty.	92		
Common shares (sure til		\$96		6
Shareholders' retained earni		8,060		7,6
Total equity	\$	8,748	5	8,2
Commitments and contingencies Total liabilities and equity		81,195		78.6
Segregated funds net liabilities	\$	58,821		29.2
segregated funds net induities	\$	58,831	5	- 29,2
The accompanying notes to these consolidate			Nerici,	
DH Hasson dav-	a.l. Saulik	,		
DOMINIC D'ALESSANDRO	ARTHUR R. SAWCH	UK		
President and	Chairman of the			
Chief Exertive Officer	Board of Directory			

The **Consolidated Statements of Operations** (income statement) show the revenues, policy benefits, expenses and taxes that have resulted in shareholders' net income of \$1,378 million for 2002. There are many interrelationships between the revenues, policy benefits and the change in actuarial liabilities or reserves and, therefore, the impact of any single line item on the Company's earnings is difficult to ascertain. The Source of Earnings statement on the following page provides additional insight into the primary drivers of earnings.

Please refer to page 60 for the complete Consolidated Statements of Operations.

(Canadian \$ in millions)	2002	2001
Revenue		
Premium income	\$ 10,779	\$ 10,247
Investment income	4,235	4,479
Other revenue	1,518	1,505
Total revenue	\$ 16,532	\$ 16,231
Policy benefits and expenses		
To policyholders and beneficiaries		
Death, disability, maturity and surrender benefits,		
and annuity payments	\$ 8,775	\$ 8,664
Policyholder dividends and experience rating refunds	932	900
Net transfers to segregated funds	656	1,470
Change in actuarial liabilities	307	(208
General expenses	2,490	2,478
Commissions	1,207	1,133
Other	491	431
Total policy benefits and expenses	\$ 14,858	\$ 14,868
Income before income taxes	\$ 1,674	\$ 1,363
Income taxes	(304)	(196
Net income	\$ 1,370	\$ 1,167
Net income (loss) attributed to		
participating policyholders	\$ (8)	\$ 8
Net income attributed to shareholders	\$ 1,378	\$ 1,159

#### **KEY FACTORS INFLUENCING SHAREHOLDERS' NET INCOME IN 2002**

- HIGHER PREMIUMS Strong insurance sales across most insurance businesses contributed to a five per cent increase in premium income in 2002. Segregated fund deposits received in the wealth management businesses are not included in the income statement. These increased by 21 per cent in 2002.
- 2. **POLICY BENEFITS AND PAYMENTS** On average, Manulife pays \$35 million each working day to policyholders on death, disability, policy maturity or surrender, or as annuity payments.
- **3. SHIFT TO FIXED-RATE PRODUCTS** There were fewer transfers to segregated funds in 2002 than 2001 given consumer concerns regarding stock market performance.
- 4. INCREASED ACTUARIAL LIABILITIES The growth in our obligations to policyholders is matched by the growth in actuarial liabilities. In 2001, policy surrenders in our Japan operations following the acquisition of the in force business of Daihyaku Mutual Life resulted in a net decrease in actuarial liabilities.
- TIGHT EXPENSE CONTROLS General expenses were consistent with the prior year despite strong sales growth. Commissions increased year over year reflecting the higher level of sales.
- 6. **CONSISTENT STRONG EARNINGS GROWTH** Shareholders' net income grew 19 per cent in 2002, continuing the trend of strong growth over the past nine years, during which earnings have grown at an average annual compound growth rate of 25 per cent.

The **Source of Earnings** statement helps us to understand the drivers of our net income. In the Source of Earnings analysis, earnings are attributed to one of six categories:

- Profit earned on existing in force business, based on estimated or expected outcomes;
- Impact of new business written during the year;
- Gains or losses from actual experience compared to estimated outcomes in the reporting period;
- Increases or decreases in actuarial reserves set aside to meet future policyholder obligations due to changes in the underlying actuarial methods or assumptions used in establishing these reserves;
- Income earned on the assets in our surplus funds (funds not specifically supporting actuarial liabilities); and
- Income taxes.

In aggregate, these elements generated \$1,378 million in shareholders' net income in 2002.

The Source of Earnings statement illustrates the relatively high level of predictability of an insurance company's earnings. The expected profit from in force business is a good indication of the income that can be expected to emerge over time from a company's existing business. In addition, the income generated on the assets in our surplus funds provides a significant flow of earnings. The Source of Earnings also allows the reader to make informed judgments about the quality of a company's reported earnings by providing insight into the conservativeness of its reserving practices.

Please refer to page 99 for a full discussion of the Source of Earnings.

For the years ended December (Canadian \$ in millions)	31	2002	2001	
Expected profit from in force business	\$	1,068	\$ 918	Growth in our insurance businesses and higher fee income in our wealth management businesses increased profit on in force business by 16 per cent.
Impact of new business		(119)	(195)	Manulife establishes conservative actuarial reserves on new business written during the year. Although the business is expected to be profitable over its lifetime, as shown in the new business line in the Embedded Value analysis, an accounting loss is reported in the first year. Therefore, profits are being deferred to future periods rather than being recorded in the current year.
Experience gains		215	118	Manulife uses prudent assumptions in its estimates of future events such as policyholder claims, expenses, investment returns and policy retention levels when setting its actuarial reserves. Historically, the Company has generated positive earnings because actual experience relating to these events has been favourable compared to the expected results assumed in the actuarial reserves.
Changes in actuarial methods and assumptions		(9)	(131)	In both 2002 and 2001, Manulife increased its reserves to reflect anticipated weakness in equity markets. This strength- ening of reserves had the impact of reducing shareholders' net income.
Earnings on surplus funds		527	645	Earnings on surplus assets are a substantial contributor to net income. They decreased in 2002 with the less favourable equity markets.
Income before income taxes	\$	1,682	\$ 1,355	
Income taxes		(304)	(196)	Represents tax charges based on varying tax rates in the terri- tories in which we do business.
Net income attributed to shareholders	\$	1,378	\$ 1,159	

#### For the years ended December 31

**Embedded Value** is an analytical tool that calculates the present value of the estimated future profits available to be distributed to shareholders from all existing business plus the value of shareholders' equity. Some investors use embedded value, together with an assessment of the value of a company's future business, to evaluate the theoretical value of the company. The table below shows how our embedded value grew to more than \$15 billion as at December 31, 2002.

Please refer to pages 100-101 for a full discussion of Embedded Value.

(Canadian \$ in millions except per share amounts)	2002	2001	
Embedded value as at January 1	\$ 14,000	\$ 11,300	
Interest on year-start embedded value	1,190	1,090	Normal growth in embedded value that occurred in 2002 and 2001.
New business	664	580	New business sold during 2002 contributed \$664 million to embedded value, a 15 per cent increase over 2001. The improvement was driven primarily by strong growth in Asia and North American wealth management businesses.
Acquisitions	118	850	Acquisitions in Canada and Asia in both 2002 and 2001 contributed positively to embedded value. In 2001, Manulife acquired the in force business of Daihyaku Mutual Life in Japan.
Equity market impact	(1,206)	(970)	The decline in equity markets in both 2002 and 2001 reduced embedded value. Equities are marked to market in this calculation.
Other experience variances and assumption changes	453	620	In 2002, favourable mortality experience and lower capital requirements on certain products increased embedded value. In 2001, a reduction in tax rates was also a positive factor.
Discount rate changes	774	360	A lower discount rate was used in 2002 to calculate the present value of future profits to reflect the decline in interest rates during the year. This had the effect of increasing embedded value.
Currency adjustment	24	400	There was little change in the value of the Canadian dollar relative to the U.S. dollar in 2002. In 2001, the Canadian dollar depreciated by four cents relative to the U.S. dollar making the income from our U.S. businesses more valuable.
Shareholder dividends	(285)	(230)	Amounts paid to shareholders in the form of quarterly dividends.
Share repurchases	(718)	-	In 2002, Manulife purchased for cancellation more than \$700 million of its common shares.
Embedded value as at December 31	\$ 15,014	\$ 14,000	
Embedded value per share as at December 31	\$ 32.46	\$ 29.03	Embedded value increased 12 per cent in 2002 on a per share basis, a strong rate of growth given poor equity mar- kets during the year. If equity markets had achieved modest growth in 2002, embedded value per share would have increased 21 per cent.

#### For the years ended December 31

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The **Consolidated Balance Sheets** show the Company's assets at the end of the year and the value of our obligations to policyholders for future claims and benefits. Total equity is the difference between assets and liabilities.

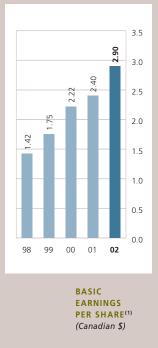
Please refer to page 61 for the complete Consolidated Balance Sheets.

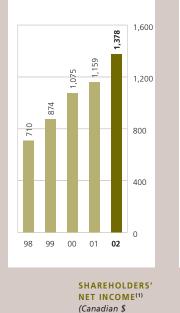
(Canadian \$ in millions)	 2002	 200
ASSETS		
Invested assets		
Bonds	\$ 46,677	\$ 46,07
Mortgages	9,294	7,90
Stocks	6,898	6,96
Real estate	3,570	3,48
Policy loans	4,939	4,64
Cash and short-term investments	5,143	4,99
Other investments	1,041	69
Total invested assets	\$ 77,562	\$ 74,75
Other assets	3,633	3,86
Total assets	\$ 81,195	\$ 78,61
Segregated funds net assets	\$ 58,831	\$ 59,20
LIABILITIES AND EQUITY		
Actuarial liabilities	\$ 56,397	\$ 54,69
Other liabilities	12,761	12,34
	\$ 69,158	\$ 67,03
Non-equity capital and non-controlling interest	3,289	3,28
Total equity	8,748	8,29
Total liabilities and equity	\$ 81,195	\$ 78,61
Segregated funds net liabilities	\$ 58,831	\$ 59,20

- 7. HIGH QUALITY BOND PORTFOLIO More than 96 per cent of bonds are investment grade.
- EXCELLENT MORTGAGE PORTFOLIO The mortgage portfolio is comprised predominately of commercial property. Less than 0.15 per cent of mortgage payments are in arrears, considerably below industry averages of 0.43 per cent and 0.31 per cent in Canada and the U.S., respectively.
- **9. DIVERSIFIED EQUITY PORTFOLIO** As at the end of 2002, we had total realized and unrealized net gains of more than \$500 million in our equity portfolio. Realized and unrealized net gains on equities will flow into earnings over time.
- **10. SUPERIOR REAL ESTATE PORTFOLIO** The market value of our real estate portfolio exceeded its carrying value by about \$300 million at the end of 2002. Our buildings are more than 95 per cent leased.
- SIGNIFICANT RESERVES We calculate actuarial liabilities or reserves based on very conservative assumptions. These reserves include \$579 million for segregated fund guarantees, and \$1,699 million for possible future credit losses. The reserves include provisions for adverse deviation ("PfADs") of more than \$7 billion.
- 12. STRONG CAPITAL POSITION The \$8.7 billion of equity has grown at a compound average annual growth rate of 10 per cent over the past five years. Our year-end 2002 capital ratio, Minimum Continuing Capital and Surplus Requirements, of 235 per cent is well above our target range of 180 per cent to 200 per cent.

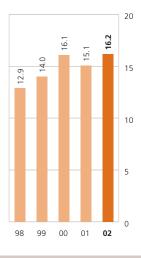
#### MANAGEMENT'S DISCUSSION AND ANALYSIS

As at and for the years ended December 31





in millions)



**RETURN ON** SHAREHOLDERS' EQUITY<sup>(1)</sup> (per cent)

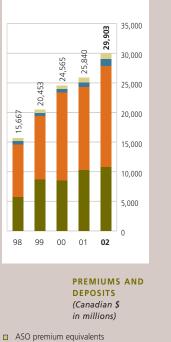
- Basic earnings per share of \$2.90, an increase of 21 per cent from 2001. Excluding non-recurring items in 2001<sup>(2)</sup>, basic earnings per share increased by 15 per cent in the year
- Medium-term target of • 15 per cent growth in earnings per share was achieved
- Five-year annual compound growth rate for earnings per share of 18 per cent

- 19 per cent growth in shareholders' net income to \$1,378 million. Excluding non-recurring items in 2001<sup>(2)</sup>, shareholders' net income increased by 13 per cent over 2001 • Ninth consecutive year
- of record earnings
- Return on shareholders' equity of 16.2 per cent, exceeding the Company's 16 per cent objective. Excluding non-recurring items in 2001<sup>(2)</sup>, return on shareholders' equity was 15.9 per cent
- (1) For 1998 and 1999 Shareholders' net income refers to earnings from mutual operations (prior to demutualization) and net income attributed to shareholders (after demutualization).
  - Basic earnings per share have been calculated assuming common shares issued for demutualization and
  - the initial public offering were outstanding at the beginning of 1998 and 1999.
- (2) Please refer to the Financial Performance Consolidated Net Income section of this Management's Discussion and Analysis.

#### Ratings as at March 5, 2003

The following rating agencies each assign The Manufacturers Life Insurance Company ratings within their highest range of categories, thereby recognizing the company as among the strongest in the life insurance industry.

PURPOSE	RATING AGENCY	RATIN	G
Claims paying/Financial strength	A.M. Best	A++	(1st of 16 categories)
	Dominion Bond Rating Service	IC-1	(1st of 5 categories)
	FitchRatings	AA+	(2nd of 24 categories)
	Moody's	Aa2	(3rd of 21 categories)
	Standard & Poor's	AA+	(2nd of 21 categories)



Mutual funds

General fund

Segregated funds

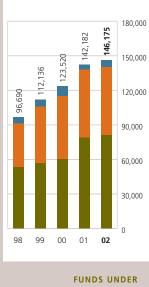
• \$4.1 billion increase in

total premiums and

• 21 per cent growth in

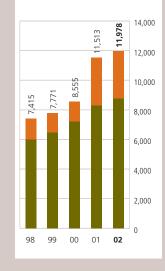
deposits, up 16 per cent

segregated fund deposits



FUNDS UNDER MANAGEMENT (Canadian \$ in millions)

- Mutual and other managed funds
- Segregated funds
- General fund
- \$4 billion increase in funds under management
- Strong growth from premiums and deposits was mostly offset by the decline in equity values



CAPITAL (Canadian \$ in millions)

- Subordinated debt, non-controlling interest in Manulife Financial Capital Trust and trust preferred securities issued by subsidiaries
- Total equity (reported as surplus prior to demutualization)
- Repurchased \$726 million of Manulife's common shares
- Total equity of \$8.7 billion
- Total capital of \$12.0 billion
- As at December 31, 2002, The Manufacturers Life Insurance Company's MCCSR was 235 per cent

The Minimum Continuing Capital and Surplus Requirements ("MCCSR") is a measure of a company's capital strength. The Manufacturers Life Insurance Company's MCCSR was 235 per cent at year-end 2002, well above the minimum prescribed by the Office of the Superintendent of Financial Institutions (Canada).

MCCSR Year	Ratio	Required Capital	Available Capital
2002	235%	\$ 4.5 billion	\$ 10.6 billion
2001	236%	\$ 4.4 billion	\$ 10.3 billion
2000	238%	\$ 3.4 billion	\$ 8.0 billion
1999	239%	\$ 3.3 billion	\$ 7.9 billion
1998	255%	\$ 3.0 billion	\$ 7.7 billion

#### FINANCIAL PERFORMANCE

Canadian generally accepted accounting principles ("GAAP") require the presentation of financial information in discrete segments. The Company views the contracts comprising the general fund, segregated funds and other funds under management as alternative offerings that are managed interdependently. The reason for this is that there are transfer options between the general fund and the segregated funds as a result of a policyholder's ability to change investment options or products. Fee income for investment management and administrative services provided to segregated funds is recorded in the general fund.

As a result of similarities between general fund, segregated fund and mutual fund products from a business perspective and the many interdependencies, the Company measures certain key business indicators in aggregate. These key business indicators are:

- (1) Growth of total premiums and deposits, and
- (2) Growth in funds under management.

Taxes, levies and assessments are a significant component of Manulife Financial's expenses. In addition to income and capital-based taxes, the Company is subject to other taxes reported as part of the Company's operating expenses, including property and business taxes, premium taxes, employer payroll taxes, commodity and consumption taxes, and Canadian investment income taxes. Total taxes, levies and assessments, excluding income and certain capital-based taxes, which are recorded separately as income taxes in the Consolidated Statements of Operations, amounted to \$315 million in 2002.

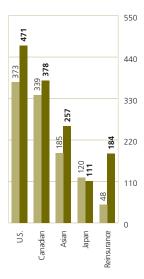
#### CONSOLIDATED NET INCOME

Manulife Financial reported record earnings in 2002 as shareholders' net income increased by 19 per cent to \$1,378 million compared to \$1,159 million reported in 2001. Earnings per share grew by 21 per cent to \$2.90 from \$2.40 in 2001. Shareholders' net income in 2001 included non-recurring items, which in aggregate reduced net income by \$64 million.

Excluding these non-recurring items, shareholders' net income increased by 13 per cent to \$1,378 million from \$1,223 million in 2001. This increase in earnings was driven by very good claims experience in U.S. Insurance and Canadian Group Benefits, business growth in Hong Kong Insurance and the Property and Casualty and Structured Reinsurance lines, together with tight management of expenses across the Company. However, earnings were dampened by the impact of poor equity markets and surrenders from the block of policies acquired from Daihyaku Mutual Life Insurance Company ("Daihyaku"), which was not fully offset by growth in new sales in Japan.

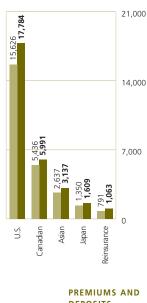
The 2001 non-recurring items related to provisions of \$150 million for anticipated claims arising from the terrorist events in the United States on September 11, 2001, mitigated by a \$27 million gain from the disposition of a portion of the Company's investment in Seamark Asset Management Ltd. ("Seamark"), and two tax related items, which totaled \$59 million.

In 2002, the Company achieved its medium-term targets of 16 per cent return on shareholders' equity and 15 per cent growth in earnings per share. The return on shareholders' equity for the year ended December 31, 2002 was 16.2 per cent compared to 15.1 per cent for 2001. Earnings per share for the year ended December 31, 2002 were \$2.90 compared to \$2.40 for 2001, an increase of 21 per cent, reflecting the higher earnings together with the favourable impact of common share repurchases during the year. Excluding the nonrecurring items, 2001 return on shareholders' equity and earnings per share were 15.9 per cent and \$2.53, respectively.



OPERATING DIVISIONS' SHAREHOLDERS' NET INCOME (Canadian \$ in millions)





DEPOSITS (Canadian \$ in millions)



#### SUMMARY STATEMENT OF OPERATIONS

For the years ended December 31 (Canadian \$ in millions, unless otherwise stated)	2002	2001	2000
Premium income Investment income	\$ 10,779 4,235	\$ 10,247 4,479	\$ 8,515 4,350
Other revenue	1,518	1,505	1,287
Total revenue	\$ 16,532	\$ 16,231	\$ 14,152
Policy benefits	\$ 10,670	\$ 10,826	\$ 9,335
General expenses	2,490	2,478	2,191
Commissions	1,207	1,133	1,086
Interest expense	243	257	191
Premium taxes	111	105	96
Non-controlling interest in subsidiaries	72	4	(151)
Trust preferred securities issued by subsidiaries	65	65	63
Total policy benefits and expenses	\$ 14,858	\$ 14,868	\$ 12,811
Income before income taxes	\$ 1,674	\$ 1,363	\$ 1,341
Income taxes	(304)	(196)	(273)
Net income	\$ 1,370	\$ 1,167	\$ 1,068
Less: net income (loss) attributed to			
participating policyholders	(8)	8	(7)
Net income attributed to shareholders	\$ 1,378	\$ 1,159	\$ 1,075
Basic earnings per share	\$ 2.90	\$ 2.40	\$ 2.22

#### PREMIUMS AND DEPOSITS

Premiums and deposits increased by 16 per cent to \$29.9 billion in 2002 compared to \$25.8 billion for the year ended December 31, 2001. Segregated fund deposits increased by 21 per cent to \$17.0 billion in 2002 from \$14.0 billion in 2001, primarily due to record sales of 401(k) pension products and a 25 per cent increase in variable annuity deposits in the United States. General fund premiums increased five per cent to \$10.8 billion in 2002 from \$10.2 billion in 2001. This increase is due to business growth in Asia, higher Property and Casualty premiums in Reinsurance Division, and higher Individual Insurance and Group Benefits premiums together with strong sales of guaranteed products in Canada. This increase in general fund premiums was partially offset by reduced client utilization of the variable annuity dollar-cost-averaging program in the United States, which allows pre-authorized periodic transfers from the fixed-rate general fund portfolio to a segregated fund.

#### PREMIUMS AND DEPOSITS

#### For the years ended December 31 (Canadian \$ in millions) 2002 2001 2000 \$ 10,779 \$ \$ 8,515 General fund premiums 10,247 14,777 Segregated fund deposits 17,013 14,044 Mutual fund deposits 1,251 754 630 ASO premium equivalents 860 795 643 Total \$ 29,903 \$ 25,840 \$ 24,565

#### INVESTMENT INCOME

Investment income decreased to \$4.2 billion in 2002 from \$4.5 billion in 2001. The favourable impact of a higher average level of fixed-income investments, with lower yields, was more than offset by the effect of weak equity markets and higher provisions. As at December 31, 2002, approximately 34 per cent of stocks supported the Company's participating policies and the impact of a decrease in investment income from these stocks was substantially offset by a change in actuarial liabilities. The remaining 66 per cent of stocks supported other actuarial liabilities and the Company's capital. Investment income on these stocks impacts the Company's net income over time.

Provisions against impaired assets increased to \$197 million in 2002 from \$99 million in 2001, primarily due to the establishment of \$220 million in specific provisions in the second quarter of 2002 against certain investments in the telecommunications sector, partially offset by recoveries related to bonds in other sectors, including investments in Californian utilities. As a result of the aforementioned and lower yields, total investment yield for the Company decreased to 5.93 per cent from 6.90 per cent in 2001.

#### **INVESTMENT INCOME**

For the years ended December 31

(Canadian \$ in millions)	2002	2001	2000
Gross investment income before: Provisions for impaired assets	\$ 4,019 (197)	\$ 3,962 (99)	\$ 3,807 (100)
Amortization of net realized and unrealized gains	413	616	643
Total	\$ 4,235	\$ 4,479	\$ 4,350
Yield	5.93%	6.90%	8.58%

#### OTHER REVENUE

Other revenue remained unchanged at \$1.5 billion in 2002. Included in other revenue, fee income increased by six per cent to \$1.4 billion, primarily due to the management of a higher average level of segregated fund assets in 2002. The impact of higher fees was offset by the 2001 one-time gain from the sale of a portion of the Company's investment in Seamark and the settlement of a tax case in Canada related to the capital tax treatment of deferred realized gains.

#### POLICY BENEFITS AND EXPENSES

Policy benefits decreased slightly to \$10.7 billion in 2002 from \$10.8 billion in 2001.

A decrease in transfers to segregated funds was significantly offset by an increase in actuarial liabilities. Transfers to segregated funds declined \$814 million to \$656 million in 2002, reflecting equity market volatility and investors' preference for fixed-income products. Actuarial liabilities increased by \$515 million to \$307 million in 2002, reflecting higher general fund premiums, and lower surrenders in Japan and in the Canadian wealth management operations.

Policyholder dividends and experience rating refunds increased by four per cent to \$932 million in 2002 from \$900 million in 2001, primarily due to continued growth in cash values of participating policies.

General expenses remained unchanged at \$2.5 billion in 2002. Lower fixed costs were offset by higher variable costs related to increased business activity. Commissions increased by seven per cent to \$1.2 billion in 2002, primarily due to higher individual insurance sales in the United States, Canada and Hong Kong and higher U.S. pension sales. This increase was partially offset by lower commissions in Hong Kong Pensions, which were uniquely high in 2001 due to the launch of the Mandatory Provident Fund business.

Interest expense decreased by five per cent to \$243 million in 2002 from \$257 million in 2001, primarily due to a decline in interest rates. Premium taxes increased by six per cent to \$111 million from \$105 million in 2001, due to an increase in premiums.

Non-controlling interest in subsidiaries increased to \$72 million compared to \$4 million in 2001. This increase related to the fixed cash distributions to the holders of Manulife Financial Capital Securities, which were issued in December 2001.

Income taxes increased to \$304 million in 2002 from \$246 million in 2001, after excluding the non-recurring tax items for 2001. The Company's 2002 provision for income taxes of \$304 million is comprised of \$9 million of current taxes recoverable and \$313 million of future taxes. The increase in the income tax expense was consistent with the increase in earnings and reflected the mix of earnings derived in tax jurisdictions with differing income tax rates and regulations.

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OPERATING DIVISIONS' FUNDS UNDER MANAGEMENT (Canadian \$ in billions)

Segregated fund assets, mutual fund assets and other managed funds are not available to satisfy the liabilities of the Company's general fund.

2001

2002

Other managed funds represent pension funds, pooled funds, endowment funds and other institutional funds managed by the Company on behalf of others.

#### FUNDS UNDER MANAGEMENT

Funds under management increased by \$4.0 billion to \$146.2 billion in 2002 from \$142.2 billion in 2001. General fund assets grew by \$2.6 billion to \$81.2 billion as at December 31, 2002 from \$78.6 billion as at December 31, 2001. This reflects the acquisition of Zurich Canada, and growth in insurance businesses, particularly in Asia, partially offset by the scheduled transfer of the U.S. variable annuity business' dollar-cost-averaging assets to segregated funds.

Segregated fund assets decreased marginally to \$58.8 billion as at December 31, 2002 from \$59.2 billion as at December 31, 2001. This decrease was primarily due to strong net deposits of U.S. 401(k) pension and variable annuity products and increased Mandatory Provident Fund deposits in Hong Kong, more than offset by a reduction in the market value of assets as a result of continued weak equity market performance.

#### FUNDS UNDER MANAGEMENT

As at December 31			
(Canadian \$ in millions)	2002	2001	2000
General fund	\$ 81,195	\$ 78,613	\$ 60,067
Segregated funds	58,831	59,206	54,908
Mutual and other managed funds <sup>(1)</sup>	6,149	4,363	8,545
Total	\$ 146,175	\$ 142,182	\$ 123,520

(1) Other managed funds included Seamark third party managed funds of \$4,288 as at December 31, 2000. Disposition of a portion of the Company's controlling interest in Seamark occurred in July 2001, at which time the Company ceased consolidation of the assets and liabilities and results of operations of Seamark and commenced accounting for this investment on an equity basis.

#### DIFFERENCES BETWEEN CANADIAN AND U.S. GAAP

The consolidated financial statements of Manulife Financial are presented in accordance with Canadian GAAP. Canadian GAAP differs in certain significant respects from U.S. GAAP.

The differences between Canadian GAAP and U.S. GAAP include accounting for premiums and deposits, invested assets, investment income and segregated funds. There are also differences in the calculation and accounting for actuarial liabilities and differences in reporting policy cash flows. These differences are described in more detail in note 17 to the consolidated financial statements.

#### DIFFERENCES BETWEEN CANADIAN AND HONG KONG GAAP

The consolidated financial statements of Manulife Financial are presented in accordance with Canadian GAAP. Canadian GAAP differs in certain respects from Hong Kong GAAP.

In Hong Kong, there are no accounting standards specific to life insurance companies; consequently, companies have more discretion in selecting appropriate accounting principles to prepare financial statements. The Canadian GAAP requirements for life insurance enterprises used by the Company in relation to fixed-interest investments, non-invested assets and non-actuarial liabilities are generally considered acceptable within the Hong Kong accounting framework. Stocks held on a long-term basis are carried at market value as compared to Canadian GAAP where stocks are carried on a moving average market basis. The computation of actuarial liabilities in Hong Kong is governed by the requirements of the Hong Kong Insurance Authority. In certain interest rate environments, actuarial liabilities determined in accordance with Hong Kong GAAP may be higher than actuarial liabilities computed in accordance with Canadian GAAP.

The Hong Kong Insurance Authority requires that insurance companies meet minimum solvency requirements. Each year, the Company compares the amount of net assets prepared in accordance with Canadian GAAP, as reported in the Company's annual regulatory return, with the minimum solvency margin required in Hong Kong. As at December 31, 2002, the Company's net assets determined in accordance with Canadian GAAP exceeded the minimum solvency margin required in Hong Kong.

## **U.S. DIVISION**

U.S. Division provides insurance and wealth management products and services to select markets. The Division's Insurance operations focus on the sale of life insurance products to high net-worth individuals. Wealth management services include the operations of Group Pensions, concentrating on 401(k) plans for small and medium-sized businesses, and Individual Wealth Management operations that offers variable annuities, College Savings 529 plans and personalized Private Account investment products primarily to middle- and upper-income individuals.

## FINANCIAL PERFORMANCE

U.S. Division's net income was \$471 million in 2002 compared to \$373 million in 2001, an increase of \$98 million or 26 per cent. The increase in earnings was due to very good claims experience, continued tight management of expenses, growth in business and increased profit margins. The increase in earnings was partially offset by the impact of poor equity markets and start-up costs associated with the College Savings 529 plan and Private Account businesses.

In 2002, U.S. Division contributed 34 per cent of the Company's shareholders' net income, 59 per cent of total premiums and deposits and as at December 31, 2002, accounted for 51 per cent of the Company's funds under management.

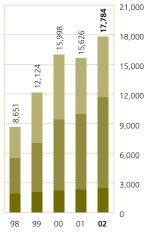
(Canadian \$ in millions)	2002	2001	2000
Premium income	\$ 3,555	\$ 3,836	\$ 3,348
Investment income	1,773	1,942	1,925
Other revenue	998	939	885
Total revenue	\$ 6,326	\$ 6,717	\$ 6,158
Policy benefits	\$ 4,155	\$ 4,697	\$ 4,055
General expenses	856	830	759
Commissions	620	572	600
Other	62	94	99
Total policy benefits and expenses	\$ 5,693	\$ 6,193	\$ 5,513
Income before income taxes	\$ 633	\$ 524	\$ 645
Income taxes	(162)	(151)	(168)
Net income attributed to shareholders	\$ 471	\$ 373	\$ 477

#### SUMMARY STATEMENT OF OPERATIONS For the years ended December 31

#### PREMIUMS AND DEPOSITS

Premiums and deposits increased by 14 per cent to \$17.8 billion in 2002 from the \$15.6 billion reported in 2001, despite a difficult operating environment. Excellent growth in 401(k) pension deposits, strong growth in universal life premiums and a solid increase in variable annuity sales contributed to the higher volume. The growth in premiums and deposits reflects U.S. Division's diverse distribution capabilities and continued delivery of innovative products and superior customer service.

General fund premiums declined by seven per cent, with strong universal life premiums more than offset by reduced client utilization of the dollar-cost-averaging program in the variable annuity business, which allows pre-authorized periodic transfers from the fixedrate general fund portfolio to segregated funds.



PREMIUMS AND DEPOSITS (Canadian \$ in millions)

Individual Wealth Management

Group Pensions
 Insurance

Segregated fund deposits increased by 21 per cent during 2002, driven by strong sales in wealth management operations. Deposits related to the 401(k) pension business grew by \$1.5 billion to a record \$8.9 billion, a 20 per cent increase over 2001, reflecting the ongoing successful penetration of the broker-dealer market and continued strong sales from the Third Party Administrator channel. Variable annuity deposits increased by \$949 million over 2001 to \$4.8 billion with the success of the new Venture III product, a key factor in driving growth despite very difficult equity market conditions.

#### PREMIUMS AND DEPOSITS

For the years ended December 31

(Canadian \$ in millions)	2002	2001	2000
Premiums	\$ 3,555	\$ 3,836	\$ 3,348
Segregated fund deposits	14,229	11,790	12,650
Total premiums and deposits	\$ 17,784	\$ 15,626	\$ 15,998

# 90,000 74,706 73,979 69,475 63,037 54,103 0 00 01 99 02 98

FUNDS UNDER MANAGEMENT (Canadian \$ in millions)

Segregated funds

General fund

#### FUNDS UNDER MANAGEMENT

Funds under management of \$74.0 billion ended the year \$0.7 billion lower than in 2001.

Segregated funds under management of \$47.2 billion were slightly lower than 2001 levels, despite strong net deposits of \$8.4 billion, driven by record sales of 401(k) pension products and strong sales of variable annuity products. This growth was more than offset by the decline in equity values.

General fund assets were comparable to 2001 levels. The favourable impact of strong universal life insurance sales was fully offset by the scheduled transfer of the variable annuity business' dollar-cost-averaging assets to segregated funds.

#### FUNDS UNDER MANAGEMENT

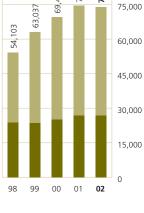
As at December 31 (Canadian \$ in millions)	2002	2001	2000
General fund	\$ 26,790	\$ 26,731	\$ 25,105
Segregated funds	47,189	47,975	44,370
Total funds under management	\$ 73,979	\$ 74,706	\$ 69,475

#### MOVING FORWARD

Distribution relationships, product innovation and service excellence continue to be the focus of the U.S. Division. In 2003, the Division will expand and build on these strengths.

Product development plans for 2003 include initiatives by Group Pensions to penetrate the upper end of the small case 401(k) market, while Insurance will expand its offerings with the launch of a new universal life product designed to provide lower cost coverage to consumers – this product will supplement Insurance's current universal life offerings. The new universal life product, in addition to a refreshed survivorship universal life offering, will complement Insurance's 2002 product initiatives, which have positioned the portfolio of variable universal life products to take full advantage of a recovery in equity markets.

In 2003, Individual Wealth Management will refresh its variable annuity portfolio to provide clients with attractive offerings while carefully managing the risk profile of its product portfolio in the current challenging equity market environment. In addition, Individual Wealth Management will look to further enhance both its College Savings 529 plan and Private Account product lines through the inclusion of new investment managers and additional portfolio offerings.



Distribution and service developments in 2003 include initiatives by Group Pensions to maintain its strong relationships with Third Party Administrators while continuing to penetrate the broker-dealer network. Group Pensions is committed to expanding its service to include increased participant communication and educational programs, as well as additional service support for key producers. Insurance will continue to build on its broad-based multi-channel distribution system by investing in a series of programs to augment service and support to policyholders and key firms. These initiatives include enhanced compensation programs, additional account management to support top distribution partners, and improved functionality for sales compensation and Web-based systems.

As a result of its new Scudder Investments relationship, Individual Wealth Management is well positioned in 2003 to enhance its presence within the variable annuity marketplace and to gradually decrease unit costs. While continuing to investigate new opportunities, Individual Wealth Management will also strengthen its existing distribution networks through enhanced service delivery.

Variable annuity services will be augmented to provide clients with increased information access and data management capabilities, while expanded College Savings 529 plan services will include enhanced client and broker system functionality, customized sales tools and continued product education.

In 2003, the new Private Account business will focus on establishing additional distribution arrangements as well as implementing an on-line sales proposal system and a Webbased client application process.

# **CANADIAN DIVISION**

Canadian Division is one of the leading life insurance-based financial services organizations in Canada. Its individual wealth management product offerings include variable and fixed annuities, individual investment and banking products and mutual funds. Individual life insurance products are aimed at middle- and upper-income individuals and business owners. Insurance products are also directly marketed to members of professional, alumni, retiree and other associations and to the customers of financial and retail institutions. Group life, health and pension products and services are marketed to Canadian employers.

## FINANCIAL PERFORMANCE

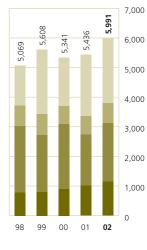
Canadian Division's shareholder net income increased 11 per cent to \$378 million in 2002 from \$339 million in 2001. This result reflects expense efficiencies in protection and wealth management businesses, very good claims experience in Group Benefits, positive contributions from the acquisition of Zurich Canada completed in March 2002 and the effect of a larger in force block, partially offset by the negative impact of lower equity markets on the Division's wealth management businesses and unfavourable claims experience in Individual Insurance.

In 2002, the Canadian Division contributed 27 per cent to the Company's shareholders' net income, 20 per cent of total premiums and deposits and as at December 31, 2002, accounted for 23 per cent of the Company's funds under management.

# SUMMARY STATEMENT OF OPERATIONS

For the years ended December 31

(Canadian \$ in millions)	2002	2001	2000
Premium income Investment income Other revenue	\$ 3,191 1,629 287	\$ 2,924 1,617 287	\$ 2,488 1,587 249
Total revenue	\$ 5,107	\$ 4,828	\$ 4,324
Policy benefits General expenses Commissions Other	\$ 3,581 679 260 115	\$ 3,418 654 238 101	\$ 3,051 595 238 90
Total policy benefits and expenses	\$ 4,635	\$ 4,411	\$ 3,974
Income before income taxes Income taxes	\$ 472 (104)	\$ 417 (82)	\$ 350 (75)
Net income Less: net loss attributed to	\$ 368	\$ 335	\$ 275
participating policyholders	(10)	(4)	(2)
Net income attributed to shareholders	\$ 378	\$ 339	\$ 277







- Group Pensions
- Individual Wealth Management
- Individual Insurance

#### PREMIUMS AND DEPOSITS

Premiums and deposits of \$6.0 billion increased by \$0.6 billion or 10 per cent from \$5.4 billion in 2001. Individual fixed-rate deposits grew by 19 per cent while individual segregated funds increased by four per cent reflecting investor preference for guaranteed investments. Long-term mutual fund deposits more than doubled to \$387 million reflecting the strong performances of a number of specific funds led by the Elliott & Page Monthly High Income Fund. Strong sales along with the impact of recent acquisitions generated an increase of 13 per cent in Individual Insurance premiums, while group premiums and deposits were up six per cent over 2001.

### PREMIUMS AND DEPOSITS

For the years ended December 31 (Canadian \$ in millions)	2002	2001	2000
Premiums	\$ 3,191	\$ 2,924	\$ 2,488
Segregated fund deposits	1,283	1,190	1,681
Mutual fund deposits	657	527	529
ASO premium equivalents	860	795	643
Total premiums and deposits	\$ 5,991	\$ 5,436	\$ 5,341

#### FUNDS UNDER MANAGEMENT

Funds under management increased by two per cent to \$34.1 billion as at December 31, 2002 from \$33.6 billion as at December 31, 2001, primarily due to the acquisition of Zurich Canada, organic growth of insurance and fixed-income savings businesses, and positive net segregated and mutual fund policyholder cash flows, partially offset by the impact of lower equity markets.

#### FUNDS UNDER MANAGEMENT

As at December 31 (Canadian \$ in millions)	2002	2001	2000
General fund	\$ 24,235	\$ 23,012	\$ 21,097
Segregated funds	8,577	9,279	9,394
Mutual funds	1,324	1,313	1,359
Total funds under management	\$ 34,136	\$ 33,604	\$ 31,850

FUNDS UNDER MANAGEMENT (Canadian \$ in millions)

Mutual funds

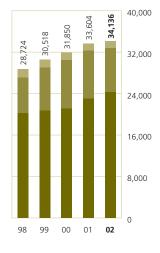
Segregated funds

General fund

# MOVING FORWARD

Consolidation, primarily in the form of acquisitions and strategic alliances, remains the key word in the Canadian life insurance industry with significant activity in 2002 and more expected in 2003. In its pursuit of growth, Canadian Division plans to be an active participant in the industry consolidation.

Canadian Division is committed to delivering professional advice and efficient service in support of innovative product offerings. In 2003, the Division will unveil enhancements to its individual insurance and wealth management products. In addition to adding new features to its term and universal life products, the individual life business will continue to enhance in force policies by allowing existing Innovision (universal life) clients to choose the new Investment Accelerator option, which provides lower management fees on the investment accounts within the policy.



Individual wealth management product development will focus on an integrated flow of new products and features to meet the needs of affluent Canadians. In 2002, this approach resulted in the launch of the Manulife Investments brand for all individual wealth management products. Efforts in 2003 will include the continuation of the rollout of the innovative Manulife Investment eXchange (MIX) and GIC Renaissance products brought to the market late in the fourth quarter.

Group Pensions will deliver enhanced plan member education services and an expanded share ownership product, while Group Benefits will deliver a new flexible benefits plan and introduce innovative products designed for and billed directly to plan members, such as optional life insurance.

Leveraging technology remains a key priority for Canadian Division in the challenge to provide superior customer service. The Division will continue its investment in technology in the front and back offices, with ongoing focus on Internet solutions that make it easier to do business with Manulife. From product illustration to order entry to claim payment, advisors and customers will be able to efficiently track transactions and retrieve data on secure Web sites, making previously hard-to-access information readily available. Group customers can expect to see increased Internet functionality and plan member services including member health and dental claims submission, eligibility of benefit statements and electronic claim payments.

Canadian Division's achievement in growing sales of individual products through the stockbroker channel in 2002 is indicative of the Division's goal to expand its distribution network through traditional and non-traditional sources. Success in group product distribution depends on quality relationships with key consultants and distribution organizations. In 2003, the Division will continue to strengthen existing relationships and develop new partnerships by delivering enhanced education services and increased Internet functionality.

## **ASIAN DIVISION**

Manulife Financial has operated in Asia since 1897, beginning in Hong Kong and the Philippines, expanding into Singapore, Indonesia, Taiwan, Shanghai and Guangzhou (China), and Vietnam. Asian Division provides a wide range of insurance and wealth management products including individual and group life and health insurance and pension and mutual funds.

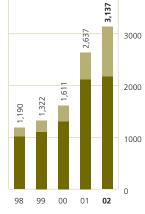
#### FINANCIAL PERFORMANCE

Asian Division's shareholder net income increased by 39 per cent to \$257 million in 2002 from \$185 million in 2001. This increase was attributable to business growth, particularly in Hong Kong, as well as higher fee income from the administration of a growing Mandatory Provident Fund business. This growth was driven by continuous expansion of the agency force, which totaled 17,881 agents as at December 31, 2002 compared to 15,671 at the end of 2001. Product initiatives, such as the launch of the savings-focused Wealth series of products in Hong Kong and the introduction of the Value Preservation Option rider in Vietnam during the year also supported the strong growth.

In 2002, Asian Division contributed 19 per cent to the Company's shareholders' net income, 10 per cent of total premiums and deposits and as at December 31, 2002, accounted for eight per cent of the Company's funds under management. Hong Kong continues to be Asian Division's largest operation, accounting for almost 70 per cent of the Division's premiums and deposits in 2002.



For the years ended December 31 (Canadian \$ in millions)	2002	2001	2000
Premium income Investment income Other revenue	\$ 1,519 334 114	\$ 1,347 333 94	\$ 1,064 313 74
Total revenue	\$ 1,967	\$ 1,774	\$ 1,451
Policy benefits General expenses Commissions Other	\$ 1,033 418 197 54	\$ 956 382 183 57	\$ 770 344 137 46
Total policy benefits and expenses	\$ 1,702	\$ 1,578	\$ 1,297
Income before income taxes Income taxes	\$ 265 (6)	\$ 196 1	\$ 154 (6)
Net income Less: net income (loss) attributed to participating policyholders	\$ 259 2	\$ 197 12	\$ 148 (5)
Net income attributed to shareholders	\$ 257	\$ 185	\$ 153



PREMIUMS AND DEPOSITS (Canadian \$ in millions)

4000

Other Asian Territories

Hong Kong

#### PREMIUMS AND DEPOSITS

Premiums and deposits increased by 19 per cent to \$3.1 billion in 2002 from \$2.6 billion in 2001. This increase reflected growth in individual insurance premiums across the Division as well as mutual fund deposits in Hong Kong and Indonesia. The expansion of the career agency force drove strong sales in Hong Kong and the other Asian territories and general fund premiums increased by 13 per cent over 2001. Mutual fund deposits more than doubled to \$594 million in 2002, primarily as a result of the launch of the Dynamic Funds in Hong Kong and new distribution agreements with business partners in Indonesia. Growth

in regular contributions to the Hong Kong pension business was offset by lower deposits from transferred plans, which were uniquely high in 2001 due to the launch of the Mandatory Provident Fund business.

#### PREMIUMS AND DEPOSITS

(Canadian \$ in millions)	2002	2001	2000
Premiums	\$ 1,519	\$ 1,347	\$ 1,064
Segregated fund deposits	1,024	1,063	446
Mutual fund deposits	594	227	101
Total premiums and deposits	\$ 3,137	\$ 2,637	\$ 1,611

#### FUNDS UNDER MANAGEMENT

Funds under management increased by 41 per cent to \$11.5 billion in 2002 from \$8.2 billion in 2001, primarily due to increases in Hong Kong and Indonesia. Growth in Hong Kong reflected increased business volumes in the Insurance and Mandatory Provident Fund businesses as well as higher mutual fund sales and an increase in institutional funds managed by Manulife Asset Management (Hong Kong); growth in Indonesia was driven by higher mutual fund deposits. General fund assets increased to \$6.5 billion in 2002 from \$5.4 billion in 2001 due to business growth. Segregated fund assets increased to \$2.5 billion in 2002 from \$1.9 billion in 2001, primarily due to Mandatory Provident Fund deposits in Hong Kong.

#### FUNDS UNDER MANAGEMENT

As at December 31			
(Canadian \$ in millions)	2002	2001	2000
General fund	\$ 6,476	\$ 5,361	\$ 4,776
Segregated funds	2,497	1,865	1,144
Mutual and other managed funds	2,561	977	952
Total funds under management	\$ 11,534	\$ 8,203	\$ 6,872

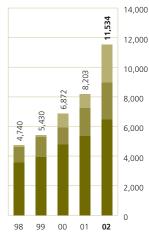
#### MOVING FORWARD

Despite a challenging business environment during 2002, particularly in Hong Kong, Asian Division continued to experience strong business growth. In 2003, the Division will continue to provide quality products and services to grow its business. In addition, the flagship Hong Kong operations expect to achieve its goal of one million customers.

The career agency force will remain the primary distribution channel in the region and the Division will continue to drive career agency force expansion while maintaining its focus on the professional delivery of services.

In 2002, product initiatives, including Hong Kong's launch of the Wealth series of products, contributed to solid business growth across the region. In 2003, the Division will launch a new universal variable life and a deferred annuity product in Hong Kong, while the other territories will focus on investment-linked products and product riders in order to meet changing customer needs.

In 2002, Asian Division's business expansion included acquisitions in Taiwan and the Philippines and, in Singapore, the acquisition of full ownership of its former 50 per cent joint venture. In China, a new branch was established to operate in the main southern city of Guangzhou and an application was submitted to establish a branch in the capital city of Beijing. In 2003, further opportunities to acquire and expand business in the region will continue to be actively pursued.



#### FUNDS UNDER MANAGEMENT (Canadian \$ in millions)

- Mutual funds and other managed funds
- Segregated fundsGeneral fund

## **JAPAN DIVISION**

Japan Division provides insurance and wealth management products to one of the largest insurance markets in the world, a market currently underserved due to limited product choice. For insurance products, the Division is focused on developing universal life product concepts tailored to meet the needs of two key market segments – middleand upper-income individuals and their families, and small and medium-sized businesses. Wealth management products contribute to the overall product strategy for these two segments. The Division's universal life product, ManuFlex, one of the first of its type in Japan, and ManuSolution, a variable annuity product, leverage the Company's expertise with these types of products in North America.

#### FINANCIAL PERFORMANCE

Japan Division's net income decreased by \$9 million to \$111 million in 2002, down from \$120 million in 2001. This decrease primarily reflected the impact of surrenders from the block of policies acquired from Daihyaku, which was not fully offset by growth in new sales given the prevailing economic environment in Japan.

In 2002, Japan Division contributed eight per cent to the Company's shareholders' net income, six per cent of premiums and deposits and as at December 31, 2002, accounted for nine per cent of the Company's funds under management.

2002		2001		2000
\$ 1,451	\$	1,349	\$	847
81		114		40
34		25		6
\$ 1,566	\$	1,488	\$	893
\$ 875	\$	787	\$	609
428		436		323
92		96		64
8		2		(155)
\$ 1,403	\$	1,321	\$	841
\$ 163	\$	167	\$	52
(52)		(47)		(7)
\$ 111	\$	120	\$	45
\$	\$ 1,451 81 34 \$ 1,566 \$ 875 428 92 8 \$ 1,403 \$ 163 (52)	\$ 1,451 \$ 81 34 \$ 1,566 \$ \$ 875 \$ 428 92 8 \$ 1,403 \$ \$ 1,403 \$ \$ 163 \$ (52)	\$       1,451       \$       1,349         81       114         34       25         \$       1,566       \$       1,488         \$       1,566       \$       1,488         \$       875       \$       787         428       436       92       96         8       2       96       8       2         \$       1,403       \$       1,321       \$         \$       163       \$       167       (47)	\$       1,451       \$       1,349       \$         81       114       114       25         \$       1,566       \$       1,488       \$         \$       1,566       \$       1,488       \$         \$       1,566       \$       1,488       \$         \$       1,566       \$       1,488       \$         \$       1,566       \$       1,488       \$         \$       1,566       \$       1,488       \$         \$       875       \$       787       \$         \$       92       96       \$       \$         \$       1,403       \$       1,321       \$         \$       163       \$       167       \$         \$       163       \$       167       \$         \$       (52)       (47)       \$       \$

#### SUMMARY STATEMENT OF OPERATIONS

PREMIUMS AND DEPOSITS (Canadian \$ in millions)

02

2,000

1,500

1.000

500

1,609<sup>(1)</sup>

350

847

581

≸

98 99 00

Manulife commenced operations in Japan in 1999.

01

## PREMIUMS AND DEPOSITS

Premiums and deposits increased by \$259 million to \$1.6 billion for the year ended December 31, 2002. This was driven by higher single premium sales from the January launch of the new variable annuity product, ManuSolution, as well as higher regular premiums due to the impact of a full year of premiums from the policies transferred from Daihyaku and sales of ManuFlex, a universal life product launched late in 2001.

#### PREMIUMS AND DEPOSITS

For the years ended December 31			
(Canadian \$ in millions)	2002	2001	2000
Premiums	\$ 1,451	\$ 1,349	\$ 847
Segregated fund deposits <sup>(1)</sup>	158	1	-
Total premiums and deposits	\$ 1,609	\$ 1,350	\$ 847

(1) Segregated fund deposits for the year ended December 31, 2002 excluded \$319 million of net seed capital.

#### FUNDS UNDER MANAGEMENT

Funds under management decreased by \$409 million to \$13.4 billion as at December 31, 2002, from \$13.8 billion as at December 31, 2001, as increases from policyholder cash flows were more than offset by benefit payments, which included the impact of discontinued policy obligations assumed from Daihyaku at the time of acquisition.

#### FUNDS UNDER MANAGEMENT

As at December 31 (Canadian \$ in millions)	2002	2001	2000
General fund Segregated funds <sup>(1)</sup>	\$ 13,153 251	\$ 13,726 87	\$ 2,447
Total funds under management	\$ 13,404	\$ 13,813	\$ 2,447

(1) Segregated funds under management as at December 31, 2002 excluded \$317 million of seed capital.

#### MOVING FORWARD

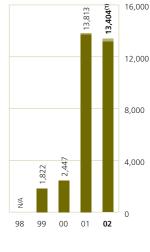
Commencing in the fourth quarter of 2001, the Japanese economy entered its third recession in 10 years. In 2002, an export-led recovery dissipated as the year progressed and equity markets declined to 20-year lows. The outlook for the short- to medium-term is for continued deflation and consequently, a continuation of the extremely low interest rate environment.

Demand for traditional life insurance is expected to continue to decrease over time. Offsetting this, however, are higher growth expectations for new product segments, such as universal life, variable annuities, interest sensitive insurance products and third sector insurance – sickness and medical insurance – products.

The Division aims to be a product leader in Japan. In 2003, the Division will continue the development of its range of universal life products to meet the changing needs of the Japanese population. The variable annuity product will be enhanced to broaden the target market and to support the Division's goal of growing its bank and stockbroker distribution channels.

The Japan Division will also continue to focus on increasing the size and enhancing the professionalism and efficiency of its distribution channels. The current sales distribution system will be expanded with an increased emphasis on the active recruitment and training of sales agents and the further development of the bank and stockbroker distribution channels.

Maintaining a high level of customer service and improving operational efficiencies are important business objectives. During 2002, significant progress was made in upgrading and rationalizing operational and sales systems. The Division will leverage its investment in technology to better serve both customers and agents and reduce costs.



FUNDS UNDER MANAGEMENT (Canadian \$ in millions)

Segregated funds

General fund

Manulife commenced operations in Japan in 1999.

# **REINSURANCE DIVISION**

Established in 1984, Reinsurance Division has grown to be one of North America's leading providers of risk management solutions, specializing in life retrocession. In the simplest terms, reinsurance refers to insurance purchased by an insurance company to cover all or part of certain risks on insurance policies issued by that company. Retrocession is a form of reinsurance involving the assumption of risk from other reinsurers. Manulife's innovative products generate customer interest worldwide, with business written in North America, Europe, Asia and Australia. Through offices in Canada, Germany and Barbados, Reinsurance Division provides customer-focused solutions in the following lines of business:

- Life (offering retrocession of traditional life mortality risk);
- Structured (offering non-traditional life retrocession and reinsurance);
- Property and Casualty (including specialized non-traditional retrocession for property and casualty reinsurers); and
- Accident (including personal and specialized coverages).

#### FINANCIAL PERFORMANCE

Reinsurance Division's net income increased to \$184 million in 2002 from \$48 million in 2001. The 2001 result included \$145 million in net provisions for anticipated claims arising from the terrorist events in the United States on September 11, 2001, partially offset by a \$30 million one-time reduction in tax expense. Excluding the impact of these non-recurring items, earnings for the year were \$21 million higher than in 2001, reflecting business growth in the Property and Casualty and the Structured Reinsurance businesses.

In 2002, Reinsurance Division contributed 13 per cent to the Company's shareholders' net income, four per cent of premiums and deposits and as at December 31, 2002, accounted for three per cent of the Company's funds under management.

#### SUMMARY STATEMENT OF OPERATIONS

For the years ended December 31 (Canadian \$ in millions)	2002	2001	2000
Premium income	\$ 1,063	\$ 791	\$ 768
Investment income	226	231	194
Other revenue	43	38	22
Total revenue	\$ 1,332	\$ 1,060	\$ 984
Policy benefits	\$ 1,003	\$ 963	\$ 762
General expenses	45	40	35
Commissions	38	44	47
Other	8	11	8
Total policy benefits and expenses	\$ 1,094	\$ 1,058	\$ 852
Income before income taxes	\$ 238	\$ 2	\$ 132
Income taxes	(54)	46	(24)
Net income attributed to shareholders	\$ 184	\$ 48	\$ 108

#### PREMIUM INCOME

Premiums increased by 35 per cent to \$1.1 billion in 2002 from \$791 million in 2001. Life Reinsurance premiums increased by four per cent to \$455 million in 2002 from \$438 million in 2001, reflecting growth in premiums on in force business. Property and Casualty Reinsurance premiums experienced very strong growth due to higher business volumes and price increases in a hardening rate market. Accident Reinsurance premiums continued to decline in 2002 due to the Company's exit from the U.S. medical reinsurance market and personal accident pool business, together with reduced new business volumes as contracts have been written very selectively in the aftermath of the events of September 11, 2001.



1,200

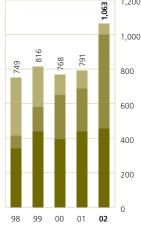
For	the	years	ended	December	31
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(Canadian \$ in millions)	2002	2001	2000
Life reinsurance	\$ 455	\$ 438	\$ 394
Property and Casualty reinsurance	544	249	256
Accident reinsurance	64	104	118
Total premiums	\$ 1,063	\$ 791	\$ 768

#### MOVING FORWARD

Reinsurance Division is committed to a "know your client" philosophy focused on expanding relationships with key business partners. As a leader in the reinsurance marketplace, the Division plays an important role by providing capacity, technical expertise and financial strength. The Division will continue to seek growth by focusing on providing innovative customer-focused solutions that leverage its existing areas of expertise. The Division will also continue to focus on maintaining and improving upon the strong risk management practices that reinforce high quality standards for both new business and the in force block.

Reinsurance Division will seek out new opportunities to grow its business globally and remains focused on maintaining its leadership position within the Life Retrocession market. In addition, increasing focus on maximizing capital efficiency throughout the life insurance industry will provide continued growth opportunities for Structured Reinsurance solutions. The Property and Casualty line is expecting continued growth, taking advantage of opportunities due to improving terms and conditions and continued rate hardening in the Property and Casualty market. In Accident Reinsurance, the Division continues to seek opportunities in today's hard market conditions and will look to further enhance the strong recent performance within this portfolio while adhering to strict underwriting guidelines in assessing new business.



REINSURANCE PREMIUMS (Canadian \$ in millions)

Accident

Property and Casualty

Life 

## INVESTMENT OPERATIONS

Manulife Financial's Investment Operations manages assets for the Company's insurance and wealth management businesses and for external third party clients. Manulife is a significant player in many of the asset classes that it manages, with securities management offices located around the globe.

#### INVESTMENT MANAGEMENT

The Securities Management group manages investments in a wide range of asset classes and securities markets, using a variety of investment styles. The group includes Elliott & Page Limited in Canada, Manulife International Investment Management Limited in London, England, both operating under the brand name of MFC Global Investment Management, as well as offices in Hong Kong and Japan.

As at December 31, 2002, MFC Global Investment Management (Canada) managed assets totaling \$53 billion for the Company as well as for institutional and individual investors. MFC Global Investment Management (UK) managed \$6 billion of general, segregated and mutual funds for the Company and third parties, while assets managed by the investment offices in Hong Kong and Japan amounted to \$17 billion.

In addition, the Asset Origination group managed \$14 billion of assets that included mortgages, real estate assets located throughout North America, private placement debt and equity investments (Manulife Capital), and oil and gas properties (NAL Resources Management Limited).

#### GENERAL FUND ASSETS

Manulife Financial's general fund invested assets increased to \$77.6 billion as at December 31, 2002 from \$74.8 billion as at December 31, 2001. The goal in investing these assets is to maximize total returns while managing within the Company's investment and risk management policies.

As at December 31		2002		2001
(Canadian \$ in millions)	Carrying value	% of total	Carrying value	% of total
Bonds	\$ 46,677	60	\$ 46,070	62
Mortgages	9,294	12	7,902	10
Stocks	6,898	9	6,964	9
Real estate	3,570	5	3,484	5
Policy loans	4,939	6	4,644	6
Cash and short-term investments	5,143	7	4,995	7
Other investments	1,041	1	693	1
Total invested assets	\$ 77,562	100	\$ 74,752	100

## **GENERAL FUND INVESTED ASSETS**

#### BONDS

The Company's bond portfolio represented 60 per cent of invested assets as at December 31, 2002. The Company diversifies its bond portfolio by sector as well as by industry and issuer. There was no significant change in sector distribution over the year. The portfolio is monitored closely to enhance yields while optimizing the matching of asset cash flows to the estimated liability cash flows. As at December 31, 2002, 96 per cent of the portfolio was invested in securities rated investment grade (BBB and over).

### BOND PORTFOLIO BY SECTOR AND INDUSTRY

As at December 31			2002			2001
			%			%
	Carrying	% of	investment	Carrying	% of	investment
(Canadian \$ in millions)	value	total	grade	value	total	grade
Government and Agency	\$ 18,632	40	100	\$ 18,668	41	99
Financial	11,569	25	97	11,664	25	97
Telecommunications	3,039	7	85	3,525	7	99
Utilities	3,821	8	94	2,980	6	92
Energy	2,383	5	93	1,851	4	98
Industrial	1,948	4	96	1,487	3	95
Securitized (ABS/MBS)	1,092	2	99	1,703	4	99
Consumer (non-cyclical)	1,522	3	93	1,406	3	87
Consumer (cyclical)	1,113	2	83	1,186	3	81
Basic materials	384	1	75	378	1	69
Technology	335	1	94	301	1	96
Media and Internet	708	2	94	612	1	83
Other	131	-	94	309	1	92
Total bonds	\$ 46,677	100	96	\$ 46,070	100	97

#### MORTGAGES AND REAL ESTATE

As at December 31, 2002, mortgages represented 12 per cent of invested assets with 63 per cent of the mortgage portfolio in Canada and 37 per cent in the United States. Commercial mortgages accounted for 96 per cent of total mortgages. Mortgages increased by \$1.4 billion in the year, due primarily to favourable business conditions for commercial mortgage origination. The mortgage portfolio consists almost entirely of first mortgages and is diversified by geographic region, property type and mortgagor. Government-insured loans represented four per cent of the total mortgage portfolio. All mortgages are secured by real properties.

As at December 31, 2002, five per cent of the Company's invested assets were held in real estate. The portfolio is focused on high quality office buildings located in superior down-town and large suburban markets across North America. It is diversified by geographic region and property type, with 62 per cent located in the United States, 37 per cent in Canada and one per cent in Asia. Commercial office properties represented 74 per cent of the portfolio, with the remainder split among residential, retail, industrial and other property classifications.

#### **STOCKS**

As at December 31, 2002, stocks represented nine per cent of invested assets. The portfolio of publicly traded common stocks is diversified by industry sector and issuer. As at December 31, 2002, the stock portfolio was invested 36 per cent in U.S. issuers, 31 per cent in Canadian issuers, 23 per cent in Asian issuers and 10 per cent in other issuers.

### MOVING FORWARD

Consistently achieving superior asset returns and significantly growing the wealth management business remain the two primary goals of Investment Operations. The strategy combines traditional asset management techniques with capital markets and risk management expertise. Investment Operations will continue to include a portfolio of non-traditional assets to enhance yields, diversify invested assets and provide a competitive advantage.

### **RISK MANAGEMENT**

#### OVERVIEW

Manulife Financial has established an integrated, enterprise-wide framework for managing all risks across the organization. The framework guides all risk-taking activities and ensures that they are aligned with the Company's overall risk-taking philosophy as well as shareholder and customer expectations. While Manulife Financial seeks to maximize shareholder value by achieving strong growth and earning an appropriate return on capital, the Company limits the aggregate level of risk assumed and ensures it is diversified across risk types and businesses.

The enterprise risk management framework is built around four key elements:

- comprehensive risk governance
- rigorous risk exposure measurement
- effective risk management policies and processes
- risk limit management

A network of qualified risk management professionals and business managers are accountable for ensuring business operations are consistent with the Company's risktaking philosophy, standards and limits.

#### **RISK GOVERNANCE**

The governance structure is designed to foster a strong and well-informed risk culture across the organization and to facilitate sound business decisions. The Board of Directors, through its Audit and Risk Management Committee and Conduct Review and Ethics Committee, has overall responsibility for overseeing the Company's risk-taking activities and risk management programs.



The Chief Executive Officer ("CEO") is directly accountable to the Board of Directors for all of Manulife Financial's risk-taking activities and risk management programs. The executive management structures that support the CEO include the Chief Financial Officer, the Corporate Risk Management Committee and subcommittees, and the Chief Risk Officer, who is responsible for administering the Company's enterprise risk management program.

#### CORPORATE RISK MANAGEMENT COMMITTEE

- Oversees administration of the enterprise risk management framework, incorporating policy development, risk assessment and measurement, risk review, risk reporting and risk mitigation
- Establishes global risk management strategic priorities
- Reviews key risk positions and exposure trends, risk-taking activities and risk management strategies

Chair: Chief Risk Officer

#### **RISK MANAGEMENT POLICIES AND PROCESSES**

The Company's enterprise risk management framework provides the overall infrastructure designed to ensure all risks to which the Company is exposed are managed using a common set of standards and guidelines. The framework is also designed to ensure assessment of potential returns on all new business initiatives, acquisitions and potential investments incorporates an evaluation of potential returns on a consistent risk-adjusted basis, and an assessment of risk in relation to the Company's targeted risk profile. The framework integrates a series of specific risk management programs administered through the Company's risk committees and risk managers. These comprehensive programs incorporate the following key components:

- policies and limits
- risk management accountabilities
- delegated authorities
  - control and mitigation strategies
- processes for risk identification, assessment, measurement, monitoring and reporting

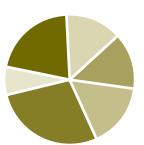
In addition, stress scenario analysis is performed as part of the Dynamic Capital Adequacy Testing process, independently reported to the Audit and Risk Management Committee by the Chief Actuary. Internal audits of risk controls and of global risk management programs are performed and independently reported to the Audit and Risk Management Committee by the Internal Auditor. Prudent actuarial liabilities are established considering all risk exposures, and are independently signed off by the Chief Actuary.

#### **RISK MEASUREMENT**

Individual measures are used to assess risk exposures from various risks. In aggregate, the Company uses the risk-based capital required by its regulator, or Minimum Continuing Capital and Surplus Requirements ("MCCSR"), as a measure of overall capital at risk. The Company allocates capital on this basis and evaluates returns on this risk-based capital. This is supplemented in some situations by an economic-based capital at risk measure that reflects the probable maximum loss of capital that could occur over a specific time horizon with a certain degree of confidence. A key priority is to extend the use of the economic-based capital at risk measure across the Company and establish an integrated risk measurement framework. Enterprise-wide, integrated stochastic scenario-based projection models are being developed to implement the integrated risk measurement framework.

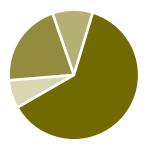
#### **RISK LIMIT MANAGEMENT**

The Company has established a defined capacity for assuming risk, considering the risk tolerances of the Board of Directors and management and the Company's financial condition. The overall capacity is defined in terms of the Company's MCCSR ratio. This is the ratio of the Company's available capital to its risk-based capital requirements, as defined by its regulator. Manulife Financial targets an MCCSR ratio of at least 180 per cent. To limit exposure to specific risks, the Company has established enterprise-wide limits for various asset liability and market risks, and credit risks, based on the individual risk exposure measures used to assess these risks. The Company's risk profile is well diversified across risks and products.



#### MINIMUM CONTINUING CAPITAL AND SURPLUS REQUIREMENTS BY RISK TYPE

Underwriting/claims	14%
Other product	14%
Interest rate	16%
Equity	28%
Other market	7%
Credit	21%



#### MINIMUM CONTINUING CAPITAL AND SURPLUS REQUIREMENTS BY PRODUCT LINE

Individual insurance	62%
Group insurance	7%
Individual wealth	
management	21%
Group pensions	10%

Manulife Financial uses a standard inventory of risks in all aspects of risk identification, assessment, monitoring and reporting. These risks are summarized into major risk categories, each of which is discussed below.

#### STRATEGIC RISK

Strategic risk is the risk of loss resulting from the inability to adequately plan or implement an appropriate business strategy, or to adapt to change in the external business, political or regulatory environment.

Manulife Financial faces many strategic and environmental challenges, including product, service and distribution competition, changing political and regulatory environments, and potential loss of reputation. The Company manages risks of a strategic nature by utilizing:

- strategic planning and capital allocation processes incorporating thorough risk analyses, with final approval by the Board of Directors;
- detailed business plans developed and executed by local divisional executive management;
- operational reviews of all businesses by the CEO quarterly and by the Board of Directors annually;
- acquisition and divestiture review processes, incorporating thorough risk analyses and controls, with final approvals by the CEO and Board of Directors; and
- high standards for business conduct in all its operations, well communicated through the Company's Code of Business Conduct and Ethics and published P.R.I.D.E. values.

## PRODUCT RISK

# Product risk is the risk of loss due to actual experience emerging differently than assumed when the product was designed and priced, as a result of investment returns, expenses, taxes, mortality and morbidity claims, and policyholder behaviour.

The Company's product design and pricing risk is managed through a program, overseen jointly by the Chief Actuary and Chief Risk Officer, incorporating standards and guidelines designed to ensure the level of risk borne by the Company is within acceptable levels and is consistent with its targeted profile. The standards and guidelines cover:

- product design
- pricing methods and assumption setting
- stochastic and stress scenario analysis
- risk-based capital allocations
- profit margin objectives

- pricing models and software
- documentation
- approval processes
- experience monitoring programs

Annual risk and compliance self-assessments and periodic internal audits are required for all business units. Designated pricing officers in each business unit are accountable for all pricing activities. The general manager and chief financial officer of each business unit approve the design and pricing of each product, ensuring the Company's standards and guidelines are met. The Chief Actuary and Chief Risk Officer approve any new product or modification that introduces material changes in risk or product design.

The Company's underwriting and claims risk management program incorporates underwriting policies and procedures, including criteria for approval of risks, and claims adjudication policies and procedures. The global Underwriting Council has the mandate to ensure underwriting practices are consistent across the organization while reflecting local conditions. Periodic reviews ensure compliance with the standards. Enterprise-wide, claims risk is diversified as a result of the Company's international operations with a wide range of insured individuals and products covering varied risk events. Exposure to individual large claims is mitigated through established retention limits per insured life varying by market and jurisdiction, reviewed periodically and approved by the CEO. Coverage in excess of these limits is reinsured with other companies. The current retention limits in Canada and the U.S. are \$10 million in local currency (\$15 million for joint life policies). For direct written business, current retention limits are Yen 500 million in Japan and U.S. \$100,000 in Hong Kong and, for assumed reinsurance, are U.S. \$10 million in both Japan and Hong Kong.

Local concentration risk is mitigated through the use of aggregate retention limits for certain covers and through catastrophe reinsurance for life and disability insurance worldwide. The Company's catastrophe reinsurance covers losses in excess of U.S. \$50 million, up to U.S. \$150 million (U.S. \$100 million for Japan) and covers losses due to certain terrorist activities in Canada, where the bulk of this concentration risk is located.

#### ASSET LIABILITY AND MARKET RISK

Asset liability and market risk is the risk of loss resulting from market price volatility, interest rate changes, adverse movements in foreign currency rates, and from not having access to sufficient funds to meet both expected liabilities and unexpected cash demands.

The Company's asset liability and market risk management program is carried out through a network of asset liability committees. Global investment policies, approved by the Audit and Risk Management Committee, establish enterprise-wide and portfolio level targets and limits and establish delegated approval authorities. The targets and limits are designed to ensure investment portfolios are widely diversified across asset classes and individual investment risks. Actual investment positions are monitored regularly. They are reported to the asset liability committees monthly and to the Corporate Risk Management Committee and Audit and Risk Management Committee quarterly.

#### **GLOBAL ASSET LIABILITY COMMITTEE**

- Approves, and monitors compliance with, asset mix, interest rate risk, equity and real estate market risk, liquidity and foreign exchange risk, and derivatives policies
- Reviews key risk positions and investment strategies to optimize shareholder value within risk tolerances
- Oversees divisional asset liability committee
   activities

Chair: Chief Risk Officer

#### SEGMENTATION AND ASSET MIX

The foundation of the asset liability and market risk management program is the segmentation of product liabilities with similar characteristics and the establishment of investment policies and goals for each segment. The investment policies and goals incorporate currency mix, asset mix, asset quality, industry mix, interest rate risk exposure and liquidity targets. They are approved by the governing divisional asset liability committee and the Global Asset Liability Committee.

The Company invests in assets with characteristics that closely match the characteristics of the liabilities they support. Products offering interest rate and term guarantees, such as annuities and pension products, are supported predominantly by bonds and mortgages. Products that allow adjustments to credited interest rates or premiums, such as participating whole life and universal life insurance, and policies with very long-dated liabilities, are supported by a broader range of assets, including real estate and equities. For these products, target asset mixes are established to optimize returns considering risk-based capital required, downside risk and management risk tolerances, and to minimize potential risk exposure related to long-term contractual minimum return guarantees.

The Company uses derivatives, including foreign exchange contracts, interest rate and cross currency swaps, forward rate agreements and equity options, to manage interest rate, foreign currency and equity risk. The risks associated with the use of derivatives are limited by established risk management policies and procedures, including specific limits on the size of derivative transactions, authorized types of derivatives, authorization limits for specific personnel, and detailed derivative strategy documentation requirements.

#### INTEREST RATE RISK

Interest rate changes may result in losses if asset and liability cash flows are not closely matched with respect to timing and amount. The Company has established interest rate risk management programs for each product liability segment designed to keep potential losses within acceptable limits, but still allow asset managers to add value by taking modest risk positions. Policies and procedures, including delegated authorities and accountabilities for managing and monitoring interest rate risk, are clearly defined. Target asset durations are established consistent with liability durations. Interest rate risk positions are held within prescribed limits. Asset and liability positions are updated with a frequency ranging from daily to monthly depending on the scope and size of potential movements in positions. Interest rate risk positions are monitored and reported to the asset liability committees monthly and the Corporate Risk Management Committee and the Audit and Risk Management Committee quarterly.

The Company measures and manages interest rate risk exposure using a variety of sophisticated measures, including cash flow gaps, durations, key rate durations, convexity, and economic value at risk based on both stochastic scenarios and predetermined scenarios.

As at December 31 (Canadian \$ in millions)			On	2002 e per cent decrease	Or	ne per cent increase	2001 One per cent decrease	
Wealth management Insurance Surplus	\$	(1) 264 (319)	\$	2 (263) 344	\$	6 250 (222)	\$	(6) (310) 229
Total	\$	(56)	\$	83	\$	34	\$	(87)

#### IMPACT ON ECONOMIC VALUE OF INTEREST RATE MOVEMENTS®

(1) Impact on economic value represents the potential economic gain (loss) to shareholders as a result of an immediate and parallel change of one per cent in interest rates across all maturities in all markets, with a zero per cent interest rate floor.

The interest rate risk exposure arises as a result of actual asset durations differing from targets in liability segments and holding non-cash fixed income assets in surplus. The exposure related to insurance segments arises primarily in Japan segments in which the duration of assets held is shorter than that of liabilities to allow the Company to take advantage of potential interest rate increases.

### EQUITY AND REAL ESTATE MARKET RISK

Fluctuations in equity market prices, and to a lesser extent real estate prices, may impact returns on assets held in the general fund, fee income earned on market-based funds, and liabilities associated with investment-related guarantees, primarily on variable annuities and segregated funds. The Company's investment-related guarantees include maturity and death benefit guarantees on Canadian segregated fund contracts, minimum income and death benefit guarantees on U.S. variable annuity contracts and minimum death benefit guarantees through reinsurance assumed under several treaties with third parties.

The Company has established specific policies and procedures designed to limit the exposure to losses from equity market volatility. These incorporate:

- guidelines related to product design and pricing of variable annuities and segregated fund products;
- established limits for equity risk exposures arising from investment-related segregated fund guarantees and all other sources;
- use of reinsurance to mitigate risk; and
- monitoring economic capital at risk for equity risk arising from investment-related segregated fund guarantees based on industry-accepted methodologies and stochastic scenario projection models.

#### SEGREGATED FUND GUARANTEE EXPOSURE

As at December 31, 2002

(Canadian \$ in millions)	Fund value <sup>(1)</sup>			unt at risk <sup>(1)</sup>
Maturity/income benefits Death benefits <sup>(1)</sup>	\$	7,325 9,767	\$	1,237 3,906
Total	\$	17,092	\$	5,143

(1) Death benefits include stand-alone guarantees and guarantees in excess of maturity or income guarantees where both are provided on a policy. Amount at risk is the excess of guaranteed values over fund values on all policies where the guaranteed value exceeds the fund value. Fund value and amount at risk are net of amounts reinsured. Amounts reinsured do not include amounts covered under stop loss treaties.

The amount at risk is not currently payable. Guaranteed death benefits are contingent and only payable upon the eventual death of policyholders if fund values remain below guaranteed values. Maturity and income benefits are also contingent and only payable at scheduled maturities in the future, if policyholders are still living and have not terminated their policies, and fund values remain below guaranteed values. The Company projects future guaranteed benefit payments under a variety of stochastic market return scenarios, also considering future mortality and policy termination rates. The Company is required to hold actuarial liabilities for these contingent benefit payments sufficient to cover the average of the worst 40 per cent market return scenarios. As at December 31, 2002, actuarial liabilities held for these guarantee payments were \$579 million. These exceed the minimum requirements.

Exposures related to direct equity and real estate holdings are managed through established targets and limits. The direct equity and real estate holdings in the general fund represent a small proportion of the Company's total assets and are held in surplus segments or used to support long-term policy liabilities. Equity holdings are diversified and managed against established targets and limits by industry type and corporate connection. Real estate holdings are diversified and managed against.

# IMPACT ON ECONOMIC VALUE OF A TEN PER CENT DECLINE IN MARKET VALUE OF DIRECT EQUITY HOLDINGS()

As at December 31

(Canadian \$ in millions)	2002	2001
Liability segments	\$ 149	\$ 165
Surplus	264	317
Total	\$ 413	\$ 482

 Impact on economic value represents the potential economic loss to shareholders as a result of an immediate decline of ten per cent in the market price of direct equity holdings in all markets.

#### FOREIGN CURRENCY RISK

The Company may be exposed to losses resulting from adverse movements in foreign exchange rates due to the fact that it manages operations in many currencies and reports financial results in Canadian dollars. The Company's foreign currency risk management program incorporates a policy of matching the currency of its assets with the currency of the liabilities these assets support. The program also incorporates a policy of generally matching the currency of its equity, up to its target MCCSR ratio, with the currency of its liabilities, to limit the impact of changes in foreign exchange rates on the Company's MCCSR ratio. The Company holds equity in excess of its target MCCSR ratio predominantly in Canadian dollars to mitigate the impact of changes in foreign exchange rates on shareholders' equity. The foreign currency management policy also establishes the currencies in which the Company is authorized to transact.

The Company manages foreign currency risk against an established foreign currency Value at Risk exposure limit, based on the industry-accepted J.P. Morgan RiskMetrics methodology, and also monitors sensitivities to predetermined scenarios regularly.

#### IMPACT ON SHAREHOLDERS' EQUITY OF A ONE PER CENT INCREASE IN THE CANADIAN DOLLAR RELATIVE TO FOREIGN CURRENCIES As at December 31

(Canadian \$ in millions)	2002	2001
U.S. dollar	\$ (34)	\$ (23)
Japanese yen	\$ (5)	\$ (6)

#### LIQUIDITY RISK

The Company's global liquidity risk management program incorporates policies and procedures designed to ensure that adequate liquidity is available. These policies and procedures include managing against established minimum levels of operating and strategic liquidity by focusing on:

- designing products to reduce the possibility of unexpected liquidity demands;
- centrally forecasting and monitoring actual cash movements on a daily basis;
- maintaining investment portfolios with adequate levels of marketable investments; and
- maintaining access to other sources of liquidity such as commercial paper funding and committed standby bank credit facilities.

The Company has established minimum levels for both operating and strategic liquidity measures. Operating liquidity is maintained at or above the level of one month's operating cash outflows. Strategic liquidity is measured using an industry-accepted model under both immediate (within one month) and ongoing (within one year) stress scenarios. Under this model, adjusted liquid assets include cash and short-term investments, and marketable bonds and stocks discounted to reflect their convertibility to cash, net of maturing debt obligations. Under the model, actuarial liabilities are adjusted to reflect their potential for withdrawal. The Company's policy is to maintain adjusted liquid assets at a level well above adjusted actuarial liabilities.

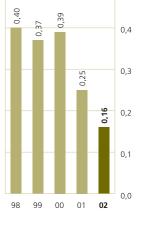
## STRATEGIC LIQUIDITY

As at December 31		2002		2001
(Canadian \$ in millions unless otherwise stated)	Immediate scenario	Ongoing scenario	Immediate scenario	Ongoing scenario
Adjusted liquid assets	\$ 52,463	\$ 53,231	\$ 51,263	\$ 52,101
Adjusted actuarial liabilities	\$ 9,176	\$ 12,617	\$ 9,016	\$ 12,451
Liquidity ratio	572%	422%	569%	418%

#### **CREDIT RISK**

## Credit risk is the risk of loss due to the inability or unwillingness of a borrower or counterparty to fulfill its payment obligations.

The Company's credit risk management program, overseen by the Credit Committee, incorporates policies and procedures that emphasize the quality and diversification of the Company's investment portfolio and establishes criteria for the selection of counterparties and intermediaries. The policies establish exposure limits by borrower or issuer, corporate connection, quality rating, industry, and geographic region, and establish delegated credit approval authorities. Distinct derivative counterparty exposure limits are in place with respect to notional amounts outstanding and daily mark-to-market exposures. Specific reinsurance counterparty exposure measures and limits are in place. All counterparties are required to meet minimum credit-rating criteria.



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NET IMPAIRED ASSETS (as a per cent of total invested assets) CREDIT COMMITTEE

- Approves, and monitors compliance with, credit policies
- Approves credits within tiered authority structure
- Actively monitors credit exposures and commitments
- Monitors overall asset portfolio quality
  - Oversees provisioning for impaired assets
    - Chair: Chief Financial Officer

An allowance for losses on invested assets is established when an asset or portfolio of assets becomes impaired as a result of deterioration in credit quality, to the extent there is no longer assurance of timely realization of the carrying value of assets and related investment income. The carrying value of an impaired asset is reduced to net realizable value at the time of recognition of impairment. There is no assurance that the allowance for losses will be adequate to cover future losses or that additional provisions or asset write-downs will not be required. However, the Company remains conservatively provisioned for credit losses overall and the level of impaired assets continues to be very low. Actuarial liabilities also include general provisions for credit losses from future asset impairments. These are set conservatively, taking into account normal historical levels and future expectations. The Company monitors a variety of aggregate credit risk exposure measures.

#### **CREDIT RISK MEASURES**

As at December 31		
(Canadian \$ in millions unless otherwise stated)	2002	2001
Net impaired assets	\$ 123	\$ 186
Net impaired assets as a per cent of	0.16%	0.25%
total invested assets		
Allowance for impairment	\$ 290	\$ 208
Provision for future credit losses included		
in actuarial liabilities	\$ 1,699	\$ 1,525
Performing assets coverage ratio <sup>(1)</sup>	4.27%	3.84%
Impaired assets coverage ratio <sup>(1)</sup>	482%	440%

(1) Performing assets coverage ratio is calculated as allowance for impairment and provision for future credit losses included in actuarial liabilities less gross impaired assets, as a per cent of total mortgages and non-government bonds less gross impaired assets. Impaired assets coverage ratio is calculated as allowance for impairment and provision for future credit losses included in actuarial liabilities, as a per cent of gross impaired assets.

#### **OPERATIONAL RISK**

# Operational risk is the risk of loss resulting from inadequate or failed internal processes, systems failures, human performance failures or from external events.

The Company's operational risk management programs seek to minimize exposure by ensuring appropriate internal controls and systems, together with trained and competent people, are in place throughout the Company. The Company uses an established program of comprehensive risk self-assessments in conjunction with independent internal audits to monitor and assess inherent operational risks and the effectiveness of internal controls. External auditors review the effectiveness of internal controls to the extent necessary to conduct an audit of the Company's financial statements. Both the internal and external auditors report independently to the Audit and Risk Management Committee on the findings of their audits.

Established global risk management programs for potential high risks, including business interruption, technology management, information security and privacy, and regulatory compliance, ensure risk controls are effective enterprise-wide.

A global business continuity program is in place to ensure key business functions can continue and normal operations can resume effectively and efficiently in the event of a major disruption. The program incorporates periodic scenario analysis to validate the assessment of both critical and non-critical units and the establishment and testing of appropriate business continuity plans for all key units. Off-site backup facilities are available to minimize recovery time. Systems-related risks are managed through a rigorous systems development protocol, global information security programs, and comprehensive policies and procedures for managing outsourcing arrangements.

The Company's regulatory compliance management program facilitates compliance with regulatory obligations worldwide, ensuring awareness of the laws and regulations that affect the Company and the risks associated with failing to comply. The program covers a broad range of regulations impacting product design, financial reporting, investment activities, employment practices, underwriting and claims processing, and sales and marketing practices. The program includes processes for assessing risks and monitoring compliance with related obligations.

## **RESPONSIBILITY FOR FINANCIAL REPORTING**

The accompanying consolidated financial statements of Manulife Financial Corporation are the responsibility of management and have been approved by the Board of Directors. It is also the responsibility of management to ensure that all information in the annual report to shareholders is consistent with these consolidated financial statements.

The consolidated financial statements have been prepared by management in accordance with Canadian generally accepted accounting principles and the accounting requirements of the Superintendent of Financial Institutions (Canada). Appropriate accounting policies and estimates are also used in the determination of the information prepared in accordance with United States generally accepted accounting principles. When alternative accounting methods exist, or when estimates and judgement are required, management has selected those amounts that present the Company's financial position and results of operations in a manner most appropriate to the circumstances.

Appropriate systems of internal control, policies and procedures have been maintained, consistent with reasonable cost, to ensure that financial information is both relevant and reliable. The systems of internal control are assessed on an ongoing basis by the Company's internal audit department.

The actuary appointed by the Board of Directors (the "Appointed Actuary") is responsible for ensuring that assumptions and methods used in the determination of policy liabilities are appropriate to the circumstances and that such reserves will be adequate to meet the Company's future obligations under insurance and annuity contracts.

The Board of Directors is responsible for ensuring that management fulfills its responsibility for financial reporting and is ultimately responsible for reviewing and approving the consolidated financial statements. These responsibilities are carried out primarily through an Audit and Risk Management Committee of unrelated directors appointed by the Board of Directors.

The Audit and Risk Management Committee meets periodically with management, the internal auditors, the external auditors and the Appointed Actuary to discuss internal control over the financial reporting process, auditing matters and financial reporting issues. The Audit and Risk Management Committee reviews the consolidated financial statements and recommends them to the Board of Directors for approval. The Audit and Risk Management Committee also recommends to the Board of Directors and shareholders the appointment of external auditors and approval of their fees.

The consolidated financial statements have been audited by the Company's external auditors, Ernst & Young LLP, in accordance with Canadian generally accepted auditing standards. Ernst & Young LLP has full and free access to the Audit and Risk Management Committee.

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**DOMINIC D'ALESSANDRO** *President and Chief Executive Officer Toronto, Canada* 

Peter H. R. berontel

**PETER H. RUBENOVITCH** *Executive Vice President and Chief Financial Officer* 

February 4, 2003

# APPOINTED ACTUARY'S REPORT TO THE SHAREHOLDERS AND DIRECTORS

I have valued the policy liabilities of Manulife Financial Corporation for its Consolidated Balance Sheets as at December 31, 2002 and 2001 and their change in the Consolidated Statements of Operations for the years then ended in accordance with actuarial practice generally accepted in Canada, including selection of appropriate assumptions and methods.

In my opinion, the amount of policy liabilities makes appropriate provision for all policyholder obligations and the consolidated financial statements fairly present the results of the valuation.

acoff am GEOFF I. GUY, F.C.I.A.

*Executive Vice President and Appointed Actuary Toronto, Canada* 

February 4, 2003

#### AUDITORS' REPORT TO THE SHAREHOLDERS AND DIRECTORS

We have audited the Consolidated Balance Sheets of Manulife Financial Corporation and the Consolidated Statements of Net Assets of its Segregated Funds as at December 31, 2002 and 2001 and the Consolidated Statements of Operations, Equity, Cash Flows and Changes in Net Assets of its Segregated Funds for the years then ended. These consolidated financial statements are the responsibility of the Company's management. Our responsibility is to express an opinion on these consolidated financial statements based on our audits.

We conducted our audits in accordance with Canadian generally accepted auditing standards. Those standards require that we plan and perform an audit to obtain reasonable assurance whether the consolidated financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the consolidated financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation.

In our opinion, these consolidated financial statements present fairly, in all material respects, the financial position of the Company and its Segregated Funds as at December 31, 2002 and 2001 and the results of the Company's operations and cash flows and the changes in the net assets of its Segregated Funds for the years then ended in accordance with Canadian generally accepted accounting principles, including the accounting requirements of the Superintendent of Financial Institutions (Canada).

Ernst + young LLP

**ERNST & YOUNG LLP** *Chartered Accountants Toronto, Canada* 

February 4, 2003

# **CONSOLIDATED STATEMENTS OF OPERATIONS**

Revenue				
Premium income	\$	10,779	\$	10,247
Investment income (note 3(b))	4	4,235	4	4,479
Other revenue		1,518		1,505
Total revenue	\$	16,532	\$	16,231
Policy benefits and expenses				
To policyholders and beneficiaries				
Death and disability benefits	\$	3,388	\$	3,186
Maturity and surrender benefits		4,045		4,171
Annuity payments		1,342		1,307
Policyholder dividends and experience rating refunds		932		900
Net transfers to segregated funds		656		1,470
Change in actuarial liabilities (note 4)		307		(208)
General expenses		2,490		2,478
Commissions		1,207		1,133
Interest expense		243		257
Premium taxes		111		105
Non-controlling interest in subsidiaries		72		4
Trust preferred securities issued by subsidiaries		65		65
Total policy benefits and expenses	\$	14,858	\$	14,868
Income before income taxes	\$	1,674	\$	1,363
Income taxes (note 5)		(304)		(196)
Net income	\$	1,370	\$	1,167
Net income (loss) attributed to participating policyholders	\$	(8)	\$	8
Net income attributed to shareholders	\$	1,378	\$	1,159
Net income	\$	1,370	\$	1,167
Weighted average number of common shares				
outstanding (in millions)		476		482
Weighted average number of diluted common shares				
outstanding (in millions)		479		486
Basic earnings per share	\$	2.90	\$	2.40
Diluted earnings per share	\$	2.88	\$	2.38

# **CONSOLIDATED BALANCE SHEETS**

As at December 31 (Canadian \$ in millions)	2002	2001
ASSETS		
Invested assets (note 3)		
Bonds	\$ 46,677	\$ 46,070
Mortgages	9,294	7,902
Stocks	6,898	6,964
Real estate	3,570	3,484
Policy loans	4,939	4,644
Cash and short-term investments	5,143	4,995
Other investments	1,041	693
Total invested assets	\$ 77,562	\$ 74,752
Other assets		
Accrued investment income	\$ 1,010	\$ 1,041
Outstanding premiums	558	482
Future income taxes (note 5)	132	517
Goodwill	634	595
Miscellaneous	1,299	1,226
Total other assets	\$ 3,633	\$ 3,861
Total assets	\$ 81,195	\$ 78,613
Segregated funds net assets	\$ 58,831	\$ 59,206
LIABILITIES AND EQUITY		
Actuarial liabilities (note 4)	\$ 56,397	\$ 54,690
Benefits payable and provision for unreported claims	2,693	2,411
Policyholder amounts on deposit	2,835	2,702
Deferred realized net gains (note 3)	3,297	3,583
Banking deposits	1,437	769
Other liabilities	2,499	2,881
	\$ 69,158	\$ 67,036
Subordinated debt (note 6)	1,436	1,418
Non-controlling interest in subsidiaries (note 7)	1,059	1,064
Trust preferred securities issued by subsidiaries (note 8)	794	802
Equity		
Participating policyholders' equity	92	62
Shareholders' equity		
Common shares (note 9)	596	614
Shareholders' retained earnings	8,060	7,617
Total equity	\$ 8,748	\$ 8,293
Commitments and contingencies (note 13)		
Total liabilities and equity	\$ 81,195	\$ 78,613
Segregated funds net liabilities	\$ 58,831	\$ 59,206

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**DOMINIC D'ALESSANDRO** *President and Chief Executive Officer* 

A.L. Sauchak

**ARTHUR R. SAWCHUK** *Chairman of the Board of Directors* 

# CONSOLIDATED STATEMENTS OF EQUITY

For the years ended December 31 (Canadian \$ in millions)		icipating yholders	Sh	areholders		2002		2001
Operating retained earnings	¢	()	¢	7 2 2 0	*	7 202	¢	C 460
Balance, January 1 Net income (loss)	\$	62 (8)	\$	7,330 1,378	\$	7,392 1,370	\$	6,468 1,167
Shareholder dividends		(0)		(285)		(285)		(231)
Issuance costs		_		(203)		(205)		(12)
Purchase and cancellation of								
common shares (note 9)		_		(700)		(700)		_
Transfer of participating				(, , , , , , , , , , , , , , , , , , ,		(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
policyholders' retained								
earnings from acquisition		38		-		38		-
Balance, December 31	\$	92	\$	7,723	\$	7,815	\$	7,392
Currency translation account								
<b>Currency translation account</b> Balance, January 1	\$		\$	287	\$	287	\$	131
Change during the year	Ψ	_	Φ	50	Þ	50	Ъ.	156
Balance, December 31	\$		\$	337	\$	337	\$	287
balance, December 51	Ψ		Ą	227	٩	337	Ъ.	207
Total retained earnings	\$	92	\$	8,060	\$	8,152	\$	7,679
Common shares								
Balance, January 1	\$	_	\$	614	\$	614	\$	612
Common shares issued on								
exercise of options (note 9)		-		8		8		2
Purchase and cancellation of								
common shares (note 9)		-		(26)		(26)		
Balance, December 31	\$	-	\$	596	\$	596	\$	614
Total equity	\$	92	\$	8,656	\$	8,748	\$	8,293

# CONSOLIDATED STATEMENTS OF CASH FLOWS

(Canadian \$ in millions)	2002		2001
Operating activities			
Operating cash inflows	40 205	*	40.055
Premiums and annuity considerations	\$ 10,705	\$	10,255
Investment income received	4,124		3,839
Other revenue	 1,518	-	1,471
Total operating cash inflows	\$ 16,347	\$	15,565
Operating cash outflows			
Benefit payments	\$ 8,505	\$	10,981
Insurance expenses and taxes (notes 5 and 6)	4,042		3,980
Dividends paid to policyholders	932		900
Net transfers to segregated funds	656		1,470
Change in other assets and liabilities	(46)		1,143
Total operating cash outflows	\$ 14,089	\$	18,474
Cash provided by (used in) operating activities	\$ 2,258	\$	(2,909
Investing activities			
Purchases and mortgage advances	\$ (46,259)	\$	(48,468
Disposals and repayments	44,980		39,718
Cash received from assumptions and acquisition			
of businesses, net of cash paid	(139)		10,874
Net cash proceeds on disposition of			
Seamark Asset Management Ltd.	_		29
Cash provided by (used in) investing activities	\$ (1,418)	\$	2,153
Financing activities			
Increase (decrease) in repurchase agreements			
and securities sold but not yet purchased	\$ (356)	\$	273
Banking deposits, net	668		177
Shareholder dividends	(285)		(231
Borrowed (repaid) funds, net	(2)		32
Issue of subordinated debt, net (note 6)	-		796
Issue of Manulife Financial Capital Securities, net (note 7)	-		988
Common shares issued on exercise of options (note 9)	8		2
Purchase and cancellation of common shares (note 9)	(726)		
Cash provided by (used in) financing activities	\$ (693)	\$	2,037
Cash and short-term investments			
Increase during the year	\$ 147	\$	1,281
Balance, January 1	4,761		3,480
Balance, December 31	\$ 4,908	\$	4,761

#### Beginning of year \$ Gross cash and short-term investments 4,995 \$ 3,783 Net payments in transit, included in other liabilities (303) (234) Net cash and short-term investments, January 1 \$ 4,761 \$ 3,480 End of year Gross cash and short-term investments \$ 5,143 \$ 4,995 Net payments in transit, included in other liabilities (235) (234) Net cash and short-term investments, December 31 4,761 \$ 4,908 \$

# SEGREGATED FUNDS CONSOLIDATED STATEMENTS OF NET ASSETS

2002		2004	
 2002		2001	
\$ 3,698	\$	2,405	
51,014		53,511	
26		-	
_		2	
4,119		3,390	
10		9	
(36)		(111	
\$ 58,831	\$	59,206	
\$ 58,450	\$	59,052	
381		154	
\$ 58,831	\$	59,206	
\$	51,014 26 - 4,119 10 (36) \$ 58,831 \$ 58,450 381	\$ 3,698 \$ 51,014 26 - 4,119 10 (36) \$ 58,831 \$ \$ 58,450 \$ 381	

# SEGREGATED FUNDS CONSOLIDATED STATEMENTS OF CHANGES IN NET ASSETS

For the years ended December 31 (Canadian \$ in millions)	2002	2001
Additions		
Deposits from policyholders	\$ 17,013	\$ 14,044
Net realized and unrealized investment losses	(10,552)	(7,868
Interest and dividends	1,332	1,505
Net transfers from general fund	656	1,470
Funds assumed and acquired (note 11)	40	287
Currency revaluation	(377)	2,697
Total additions	\$ 8,112	\$ 12,135
Deductions		
Payments to policyholders	\$ 7,617	\$ 6,993
Management and administrative fees	870	844
Total deductions	\$ 8,487	\$ 7,837
Net addition (reduction) to segregated funds for the year	\$ (375)	\$ 4,298
Segregated funds net assets, January 1	59,206	54,908
Segregated funds net assets, December 31	\$ 58,831	\$ 59,206

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

(Canadian \$ in millions unless otherwise stated)

## **NOTE 1** Nature of Operations and Significant Accounting Policies

Manulife Financial Corporation is a publicly traded stock life insurance company and the holding company of The Manufacturers Life Insurance Company ("Manufacturers Life"), a Canadian life insurance company. Manulife Financial Corporation and its subsidiaries ("Manulife Financial" or the "Company") provide a wide range of financial products and services, including individual life insurance, group life and health insurance, pension products, annuities and mutual funds, to individual and group customers in Canada, the United States and Asia. The Company also offers reinsurance services, primarily life and accident reinsurance, and provides investment management services with respect to the Company's general fund assets, segregated fund assets and mutual funds and, in Canada and Asia, to institutional customers.

Manulife Financial Corporation is registered under the Insurance Companies Act (Canada) ("ICA"), which requires that financial statements be prepared in accordance with Canadian generally accepted accounting principles ("GAAP"), including the accounting requirements of the Office of the Superintendent of Financial Institutions (Canada) ("OSFI"). None of the accounting requirements of OSFI is an exception to Canadian GAAP. The preparation of financial statements, in conformity with GAAP, requires that management makes estimates and assumptions that affect the reported amounts of assets and liabilities, the disclosure of contingent assets and liabilities as at the date of the consolidated financial statements, and the reported amounts of revenue and expenses during the reporting period. Actual results could differ from those estimates. The most significant estimation processes are related to the determination of actuarial liabilities. Although some variability is inherent in these estimates, management believes that the amounts provided are adequate. The significant accounting policies used in the preparation of these consolidated financial statements are summarized below:

#### a) BASIS OF CONSOLIDATION

Manulife Financial Corporation consolidates the financial statements of all subsidiary companies and eliminates on consolidation all significant inter-company balances and transactions. The equity method is used to account for investments over which the Company exerts significant influence. Gains and losses on sales of these investments are included in income when realized, while expected losses on other than temporary impairments are recognized immediately.

# b) INVESTED ASSETS

Under GAAP for life insurance companies, the invested assets held by the Company are accounted for through a variety of methods. These methods are summarized as follows:

	Carrying value	Recognition of realized gains and losses on normal business activities	Recognition of impairment
Bonds	At amortized cost less an allowance for specific losses. No recognition of unrealized gains and losses unless there is impairment.	Deferred and brought into income over the lesser of 20 years or the remaining term to maturity of the bond sold.	Impairment is recognized on a specific bond when there is no longer reasonable assurance as to the timely collection of the full amount of principal and interest. In such cases, the bond is written down to its net realizable value and the charge is recorded in income in the period the impairment is recognized.
Mortgages	At amortized cost less repayments and an allowance for specific losses. No recognition of unrealized gains and losses unless there is impairment.	Deferred and brought into income over the lesser of 20 years or the remaining term to maturity of the mortgage sold.	Impairment is recognized on a specific mortgage when there is no longer reasonable assurance as to the timely collection of the full amount of principal and interest. Such impaired mortgages are carried at their estimated realizable value, determined for each asset by discounting the expect- ed future cash flows at the original interest rate inherent in the asset. When the amounts and timing of future cash flows cannot be estimated with reasonable reliability, esti- mated realizable amounts are measured at either the fair value of any security underlying the mortgage, net of expected costs of realization and any amounts legally required to be paid to borrowers, or at observable market prices for the mortgages. Mortgages are classified as impaired whenever payments are three months or more in arrears or if there is a provi- sion against the mortgage. At the time of foreclosure, mortgages are written down to net realizable value. Declines in the net realizable value of foreclosed properties are charged to income immediately.
Stocks	Recognition of unrealized gains and losses is on a moving average market basis whereby carrying values are adjusted towards market value at 5% per quarter.	Deferred and brought into income at the rate of 5% of unamortized deferred realized gains and losses each quarter.	Specific stocks are written down to market value if an impairment in the value of the entire stock portfolio (determined net of deferred realized gains) is considered to be other than temporary.
Real estate	Recognition of unrealized gains and losses is on a moving average market basis whereby carrying values are adjusted towards market value at 3% per quarter.	Deferred and brought into income at the rate of 3% of unamortized deferred realized gains and losses each quarter.	Specific properties are written down to market value if an impairment in the value of the entire real estate portfolio (determined net of deferred realized gains) is considered to be other than temporary.
Policy loans	At their unpaid balance.	Not applicable. Fully secured by the cash surren- der value of the policies on which the loans are made.	Not applicable. Fully secured by the cash surrender value of the policies on which the loans are made.

Once established, an allowance against impairment of bonds or mortgages is reversed only if the conditions that caused the impairment no longer exist. On disposition of an impaired asset, the allowance is written off against the related asset.

In addition to allowances against the carrying value of impaired assets, the Company provides for potential future impairments by reducing investment yields assumed in the calculation of actuarial liabilities.

Other investments include investments in oil and gas properties, equipment leases, limited partnerships, commercial loans, investments in segregated and mutual funds and derivative assets.

#### c) GOODWILL

Goodwill represents the excess of the cost of businesses acquired over fair values of the net assets acquired. Goodwill is not amortized but is tested for impairment on at least an annual basis. When goodwill is determined to be impaired, a charge is recorded in income to the extent the carrying value exceeds the estimated fair value.

### d) MISCELLANEOUS ASSETS

Included in miscellaneous assets are amounts due from reinsurers and capital assets. The latter are carried at cost less accumulated amortization computed on a straight-line basis over their estimated useful lives, which vary from two to ten years.

#### e) SEGREGATED FUNDS

The Company manages a number of segregated funds on behalf of policyholders. The investment returns on these funds accrue directly to the policyholders, with the Company assuming no risk. Consequently, these funds are segregated and presented separately from the general fund of the Company. Income earned from fund management fees is included in other revenue in the general fund. Investments held in segregated funds are carried at market value.

The Company also provides minimum guarantees on individual variable life and annuity contracts. These include minimum death benefit guarantees, minimum maturity value guarantees and minimum income benefit guarantees. The liabilities associated with these minimum guarantees are recorded in actuarial liabilities in the general fund of the Company.

#### f) ACTUARIAL LIABILITIES

Actuarial liabilities represent the amount which, together with estimated future premiums and net investment income, will be sufficient to pay estimated future policy benefits, policyholder dividends, taxes (other than income taxes) and expenses on policies in force. Manulife Financial Corporation's Appointed Actuary is responsible for determining the amount of actuarial liabilities that must be set aside each year to ensure that sufficient funds will be available in the future to meet these obligations. The valuation methods employed by the Appointed Actuary are based on standards established by the Canadian Institute of Actuaries. In accordance with Canadian generally accepted actuarial practices, liabilities have been determined using the Canadian Asset Liability Method (CALM).

## g) INCOME TAXES

The Company provides for income taxes using the liability method of tax allocation. Under this method, the provision for income taxes is calculated based on income tax laws and income tax rates substantively enacted as at the Consolidated Balance Sheet dates. The income tax provision is comprised of two components: current income taxes and future income taxes. Current income taxes are amounts expected to be payable or recoverable as a result of operations in the current year. Future income taxes arise from changes during the year in cumulative temporary differences between the accounting carrying value of assets and liabilities and their respective tax bases. A future income tax asset is recognized to the extent that future realization of the tax benefit is more likely than not, with a valuation allowance for the excess.

#### h) TRANSLATION OF FOREIGN CURRENCIES

Assets and liabilities denominated in foreign currencies are translated into Canadian dollars at rates in effect at the Consolidated Balance Sheet dates. Revenue and expenses are translated at the average exchange rates prevailing during the year. Unrealized foreign currency translation gains and losses on investments in self-sustaining operations are recorded in equity. Translation gains and losses on disposition of investments in self-sustaining operations are included in income.

## i) STOCK-BASED COMPENSATION

The Company provides compensation to certain employees and directors in the form of stock options and deferred share units. The intrinsic value method of accounting is used and as such, no expense is recognized for stock options as the exercise price thereon is set at the closing market price of Manulife Financial Corporation common shares on the Toronto Stock Exchange on the business day immediately preceding the award grant date. When options are exercised, the proceeds received by the Company are credited to share capital.

#### j) EMPLOYEE FUTURE BENEFITS

The Company maintains a number of pension plans for its eligible employees and agents. The assets supporting trusteed pension plans are held in separate trusteed pension funds. Other pension plan benefits are included in Other liabilities and are supported by the Company's general fund assets.

The defined contribution plans were established in 1998 and provide pension benefits based on the accumulated contributions and fund earnings. The cost of defined contribution benefits is the required contribution provided by the Company in exchange for the services of employees rendered during the period.

The defined benefit plans provide pension benefits based on length of service and final average earnings. The cost of defined benefit pension benefits is recognized using the projected benefit method pro-rated on services. Actuarial gains and losses are amortized to income over the estimated average remaining service lives of plan members.

The Company also provides supplementary pension, health, dental and life insurance benefits to qualifying employees upon retirement. The estimated present value of these benefits is charged to earnings over the employees' years of service to their dates of full entitlement.

#### k) DERIVATIVES

The Company uses derivatives to manage exposures to foreign currency, interest rate and other market risks arising from its on-balance sheet financial instruments. These derivatives are designated and effective as hedges, as there is a high correlation between changes in market value of the derivative and the underlying hedged item at inception and over the life of the hedge. Realized and unrealized gains and losses on these derivatives are accounted for on the same basis as the underlying assets and liabilities. Realized and unrealized gains and losses on derivative transactions established as hedges but no longer considered hedges are included in income from the date at which they are no longer considered to be hedges. Derivative income and expenses related to invested assets and financial liabilities are included in income for Operations. Cash flows relating to derivatives associated with invested assets and financial liabilities are included in the Consolidated Statements of Cash Flows on a basis consistent with the cash flows from the underlying invested assets and financial liabilities. Derivative assets and liabilities are included in Other investments and Other liabilities, respectively, and deferred realized net gains are presented as such in the Consolidated Balance Sheets.

#### I) PREMIUM INCOME AND RELATED EXPENSES

Gross premiums for all types of insurance contracts, and contracts with limited mortality or morbidity risk, are generally recognized as revenue when due.

When premiums are recognized, the related actuarial liabilities are computed, resulting in benefits and expenses being matched with such revenue.

# **NOTE 2** Changes in Accounting Policies and Estimates and Newly Issued Accounting Policies a) EARNINGS PER SHARE

Effective January 1, 2001, the Company adopted retroactively the Canadian Institute of Chartered Accountants ("CICA") Handbook Section 3500, "Earnings Per Share," which requires the use of the treasury stock method of computing diluted earnings per share. The impact of this change was not material to the calculation of Manulife Financial Corporation's earnings per share.

#### b) BUSINESS COMBINATIONS AND GOODWILL AND OTHER INTANGIBLE ASSETS

Effective January 1, 2002, the Company adopted CICA Handbook Section 1581, "Business Combinations" and Handbook Section 3062, "Goodwill and Other Intangible Assets." Section 1581 requires that all business combinations be accounted for using the purchase method and provides specific criteria for recognizing intangible assets separately from goodwill. Under Section 3062, goodwill and intangible assets with indefinite useful lives are no longer amortized but are reviewed for impairment annually, or more frequently if impairment indicators arise. The Company completed the transitional and annual impairment tests and determined that goodwill is not impaired.

The following table presents the net income attributed to shareholders and basic and diluted earnings per share in accordance with the transitional provisions of Handbook Section 3062 in effect since January 1, 2002:

For the years ended December 31	2002	2001
Net income attributed to shareholders, as reported	\$ 1,378	\$ 1,159
Add back: goodwill amortization, net of tax	-	27
Net income attributed to shareholders, excluding goodwill amortization, net of tax	\$ 1,378	\$ 1,186
Basic earnings per share, as reported	\$ 2.90	\$ 2.40
Basic earnings per share, excluding goodwill amortization, net of tax	\$ 2.90	\$ 2.46
Diluted earnings per share, as reported	\$ 2.88	\$ 2.38
Diluted earnings per share, excluding goodwill amortization, net of tax	\$ 2.88	\$ 2.44

### c) STOCK-BASED COMPENSATION

Effective January 1, 2002, the Company adopted prospectively CICA Handbook Section 3870, "Stock-Based Compensation and Other Stock-Based Payments," which requires that stock-based compensation awarded to non-employees, direct awards of stock, awards that call for settlement in cash or other assets or stock appreciation rights awarded to employees be recognized at fair value as an expense. Other stock options awarded to employees must either be recognized at fair value as an expense, or require the disclosure of the pro forma net income and pro forma earnings per share amounts as if fair value based accounting had been used. This standard did not materially affect these consolidated financial statements and the calculation of Manulife Financial Corporation's earnings per share. The Company expects to change its accounting policy for stock options granted to employees from the intrinsic method to the fair value method effective January 1, 2003 for awards granted on or after January 1, 2002.

## d) HEDGING RELATIONSHIPS

In November 2001, the CICA issued Accounting Guideline 13, "Hedging Relationships," effective for fiscal years beginning on or after July 1, 2003, which requires the identification, documentation, designation and determination of effectiveness of a hedging relationship to apply hedge accounting. However, it does not specify hedge accounting methods. The new guideline also outlines conditions whereby hedge accounting for hedging relationships established in prior periods can be continued. The Company is in the process of reviewing its hedging relationships in context with the new guideline and the impact of this guideline is not expected to materially impact these consolidated financial statements.

## e) MOVING AVERAGE MARKET METHOD

In the second quarter of 2002, OSFI modified the moving average market method for stocks and real estate portfolios. As such, the rates used to adjust carrying values towards market value have been changed to 5% per quarter from 15% per annum for stocks and to 3% per quarter from 10% per annum for real estate. The Company adopted the change in rates effective for the second quarter.

# **NOTE 3** Invested Assets and Income

a) INVESTED ASSETS

As at December 31 2002	Ca	rrying value	Fair value	Unrealized gains	Unrealized losses	Deferred realized net gains	 otal realized unrealized net gains
Bonds (fixed maturity) Canadian government Foreign governments Corporate Mortgage-backed securities Mortgages Stocks Real estate Policy loans Cash and short-term investments Other investments	\$	8,674 9,958 26,953 1,092 9,294 6,898 3,570 4,939 5,143 1,041	\$ 9,889 10,727 28,376 1,163 10,023 5,799 3,868 4,939 5,144 1,077	\$ 1,328 824 1,553 77 735 566 372 - 1 46	\$ (113) (55) (130) (6) (1,665) (74) – – (10)	\$ 277 318 860 35 46 1,632 100 – 29	\$ 1,492 1,087 2,283 106 775 533 398 - 1 65
Total invested assets	\$	77,562	\$ 81,005	\$ 5,502	\$ (2,059)	\$ 3,297	\$ 6,740
2001							
Bonds (fixed maturity)							
Canadian government Foreign governments Corporate Mortgage-backed securities Mortgages Stocks Real estate Policy loans Cash and short-term investments Other investments	\$	8,075 10,593 26,158 1,244 7,902 6,964 3,484 4,644 4,995 693	\$ 8,973 10,811 26,973 1,283 8,286 6,657 3,799 4,644 4,997 768	\$ 918 266 1,102 43 405 420 384 - 2 95	\$ (20) (48) (287) (4) (21) (727) (69) - - (20)	\$ 195 256 630 30 37 2,298 106 - - 31	\$ 1,093 474 1,445 69 421 1,991 421 - 2 106
Total invested assets	\$	74,752	\$ 77,191	\$ 3,635	\$ (1,196)	\$ 3,583	\$ 6,022

Fair values are determined with reference to quoted market prices where available. Fair values of mortgages reflect changes in interest rates, which have occurred since the mortgages were originated, and changes in the creditworthiness of individual borrowers. For fixed-rate mortgages, fair value is determined by discounting the expected future cash flows at market interest rates for mortgages with similar credit risks. Fair values of real estate are determined by a combination of internal and external appraisals utilizing expected net cash flows discounted at market interest rates. Foreclosed properties of \$13 are included in real estate as at December 31, 2002 (2001 - \$40). Fair values of policy loans, cash and short-term investments and the remaining other investments approximate their carrying values due to their short-term nature. Included in other investments are oil and gas properties, the fair value of which is determined by external appraisals.

The following table presents the carrying value and fair value of bonds, based on period to maturity:

BONDS As at December 31		2002		2001
	Carrying value	Fair value	Carrying value	Fair value
Maturity				
Due in one year or less	\$ 4,066	\$ 4,103	\$ 3,711	\$ 3,733
Due after one year through five years	14,923	15,414	14,732	14,995
Due after five years through ten years	17,080	19,239	10,903	11,318
Due after ten years	9,516	10,236	15,480	16,711
Mortgage-backed securities	1,092	1,163	1,244	1,283
Total	\$ 46,677	\$ 50,155	\$ 46,070	\$ 48,040

The following table presents the carrying value and fair value of mortgages, by type of property:

## MORTGAGES

As at December 31		2002		2001
	Carrying value	Fair value	Carrying value	Fair value
Residential	\$ 2,020	\$ 2,125	\$ 1,761	\$ 1,817
Office	2,619	2,869	2,015	2,126
Retail	2,196	2,357	1,891	1,995
Industrial	2,160	2,350	1,942	2,038
Other	299	322	293	310
Total	\$ 9,294	\$ 10,023	\$ 7,902	\$ 8,286

The carrying value of government-insured mortgages was 4% of the total carrying value of the mortgage portfolio as at December 31, 2002 (2001 – 3%) and the value of privately-insured mortgages was 1.1% of the total mortgage portfolio as at December 31, 2002 (2001 – 1.3%).

# b) INVESTMENT INCOME

For the years ended December 31 2002	Gross investment icome (loss)	rovision for irment, net (note 3(e))	net re	tization of alized and unrealized ins (losses)	Total	Yield (%)
Bonds Mortgages Stocks Real estate Policy loans Cash and short-term investments Other investments Currency	\$ 2,627 635 101 272 393 77 (86)	\$ (198) (3) - 4 - - -	\$	160 15 185 50 - 4 (1)	\$ 2,589 647 286 326 393 77 (82) (1)	5.82 7.95 5.84 10.64 8.23 N/A N/A N/A
Total	\$ 4,019	\$ (197)	\$	413	\$ 4,235	5.93
2001						
Bonds Mortgages Stocks Real estate Policy loans Cash and short-term investments Other investments Currency	\$ 2,490 597 66 279 373 152 5 –	\$ (113) 6 - 9 - (1) -	\$	147 16 348 46 - - 43 16	\$ 2,524 619 414 334 373 152 47 16	6.40 8.63 13.00 10.65 8.75 N/A N/A N/A
Total	\$ 3,962	\$ (99)	\$	616	\$ 4,479	6.90

Yields are based on total investment income divided by the aggregate of the average carrying value of assets plus accrued income less deferred realized net gains.

# c) SECURITIES LENDING

The Company engages in securities lending to generate additional income. Certain securities from its portfolio are loaned to other institutions for periods of time. Collateral, which exceeds the market value of the loaned securities, is lodged by the borrower with the Company and retained by the Company until the underlying security has been returned to the Company. The market value of the loaned securities is monitored on a daily basis with additional collateral obtained or refunded as the market value fluctuates. As at December 31, 2002, the Company had loaned securities (which are included in invested assets) with a carrying value and market value of approximately 3,347 and 3,387, respectively (2001 – 2,692 and 2,712, respectively).

## d) MORTGAGE SECURITIZATION

In prior years, the Company sold commercial mortgages for cash, with limited recourse. The maximum recourse on these mortgages is less than 10% of the proceeds. When the mortgages were sold, they were removed from the Company's Consolidated Balance Sheets with any resultant gain or loss deferred and amortized into investment income. As at December 31, 2002, outstanding balances of sold mortgages with limited recourse was \$313 (2001 – \$389).

# e) CREDIT RISK

Credit risk is the risk that a party to a financial instrument, such as a mortgage borrower, will fail to fully honour its financial obligations to the Company. Credit risks are primarily associated with investment, derivative and reinsurance counterparties (see reinsurance risk in note 4(d)).

The Company has provided for credit risks by establishing allowances against the carrying value of impaired assets in the Consolidated Balance Sheets. In addition to these allowances, the Company provides for potential future impairments by reducing investment yields assumed in the calculation of actuarial liabilities (note 4(c)).

The carrying value of impaired assets was as follows:

As at December 31 2002	Gross amount	Allowance	Carrying value
Mortgages Other impaired assets	\$ 36 377	\$ 20 270	\$ 16 107
Total	\$ 413	\$ 290	\$ 123
2001			
Mortgages Other impaired assets	\$ 64 330	\$ 25 183	\$ 39 147
Total	\$ 394	\$ 208	\$ 186

The changes during the year in respect of the allowance for impairment were as follows:

ALLOWANCE FOR IMPAIRMENT	2002	2001
Balance, January 1	\$ 208	\$ 162
Provisions during the year	197	99
Write-offs, net of recoveries	(115)	(53)
Balance, December 31	\$ 290	\$ 208

## **Concentrations of credit risk**

The Company's exposure to credit risk is managed through risk management policies and procedures with emphasis on the quality of the investment portfolio together with maintenance of issuer, industry and geographic diversification standards.

As at December 31, 2002, 96% of bonds (2001 - 97%) were rated at investment grade "BBB" or higher, and 81% (2001 - 78%) were rated "A" or higher. Government bonds represented 40% (2001 - 41%) of the bond portfolio. The Company's highest exposure to a single non-government issuer was \$436 (2001 - \$585). Mortgages and real estate are diversified geographically and by property type. The Company's largest concentration of mortgages and real estate was in Ontario, Canada, with \$4,222 (2001 - \$3,660) of the total portfolio. Income-producing commercial office properties were the largest concentration in the real estate portfolio with \$2,530 (2001 - \$2,508). As at December 31, 2002, 95% (2001 - 96%) of the stock portfolio was comprised of publicly listed corporations. The largest single issuer represented 6% (2001 - 4%) of the portfolio.

The Company's exposure to loss on derivatives is limited to the extent that default by counterparties to these contracts results in the loss of any gains that may have accrued. All contracts are held with counterparties rated "A" or higher. As at December 31, 2002, 52% (2001 – 85%) of the exposed amount was with counterparties rated "AA" or higher. The largest single counterparty exposure as at December 31, 2002 was \$32 (2001 – \$23).

# **NOTE 4** Actuarial Liabilities

# a) COMPOSITION

Actuarial liabilities represent the amount which, together with estimated future premiums and net investment income, will be sufficient to pay estimated future benefits, policyholder dividends, taxes (other than income taxes) and expenses on policies in force. Under Canadian GAAP, the determination of actuarial liabilities is based on an explicit projection of cash flows using best estimate assumptions for each material cash flow item and contingency. Investment returns are based on projected investment income using the current asset portfolios and projected reinvestment strategies. Each assumption is adjusted by a margin for adverse deviation.

For minimum guarantees on segregated funds, the Company determines actuarial liabilities using stochastic models as defined by the Canadian Institute of Actuaries. The models are based on the nature of the segregated fund guarantees. Investment performance, mortality and termination assumptions are the key variables that are modeled.

As at December 31	 Indiv	idual life	e insurance		Annuities		Other insurance			
2002	Participating	Non-	participating	aı	nd pensions	liabilities			Total	
United States Canada International	\$ 11,294 2,914 11,070	\$	3,735 2,840 1,827	\$	7,000 10,892 1,423	\$	1,360 1,953 89	\$	23,389 18,599 14,409	
Total	\$ 25,278	\$	8,402	\$	19,315	\$	3,402	\$	56,397	
2001										
United States	\$ 11,634	\$	3,424	\$	6,471	\$	1,238	\$	22,767	
Canada	2,603		2,595		10,693		1,834		17,725	
International	11,426		1,245		1,424		103		14,198	
Total	\$ 25,663	\$	7,264	\$	18,588	\$	3,175	\$	54,690	

The composition of actuarial liabilities by line of business and geographic territory was as follows:

For participating policies in force as at demutualization, separate sub-accounts were established within the participating account. These sub-accounts permit this participating business to be operated as separate "closed blocks" of business. As at December 31, 2002, 15,983 (2001 – 15,123) of both assets and actuarial liabilities related to the participating policy-holders' account were included in the closed blocks.

# b) ASSETS BACKING LIABILITIES AND EQUITY

The Company has established target invested asset portfolio mixes, which take into account the risk attributes of the liabilities supported by the assets, expectations of market performance, and a generally conservative investment philosophy. Assets are segmented and matched to liabilities with similar underlying characteristics by product line and major currency. Liabilities with rate and term guarantees, such as annuities and pensions, are predominantly backed by fixed-rate instruments such as bonds and commercial and mortgage loans. Insurance products, such as participating whole life insurance, are backed by a broader range of asset classes. The Company's equity is primarily invested in North American and international securities and North American real estate.

Changes in the fair value of assets backing actuarial liabilities would have a limited impact on the Company's equity, as it would be substantially offset by a corresponding change in the fair value of the liabilities. The fair value of assets backing actuarial liabilities as at December 31, 2002 was estimated at \$59,087 (2001 - \$56,405).

A change in the fair value of assets supporting capital and other liabilities results in a corresponding change in equity when recognized, offset by changes in related liabilities when recognized. The fair value of assets backing capital and other liabilities as at December 31, 2002 was estimated at \$25,551 (2001 - \$24,647).

The carrying value of total assets backing actuarial liabilities, other liabilities and capital was as follows:

As at December 31	Individual life insurance				Annuities				
2002		Participating	Non-j	participating	ar	nd pensions	Other <sup>(1)</sup>	Capital <sup>(2)</sup>	Total
Assets									
Bonds	\$	13,809	\$	5,197	\$	12,412	\$ 9,507	\$ 5,752	\$ 46,677
Mortgages		1,583		880		3,886	2,393	552	9,294
Stocks		2,317		311		307	1,157	2,806	6,898
Real estate		1,772		483		61	915	339	3,570
Other		5,797		1,531		2,649	2,250	2,529	14,756
Total	\$	25,278	\$	8,402	\$	19,315	\$ 16,222	\$ 11,978	\$ 81,195

(1) Other includes group insurance, reinsurance and non-insurance liabilities and non-controlling interest in subsidiaries.

(2) Capital represents total equity, subordinated debt, non-controlling interest in Manulife Financial Capital Trust and trust preferred securities issued by subsidiaries.

As at December 31	Individual life insurance			Annuities					
2001		Participating	Non-p	participating	ar	nd pensions	Other(1)	Capital <sup>(2)</sup>	Total
Assets									
Bonds	\$	14,532	\$	4,087	\$	12,741	\$ 9,843	\$ 4,867	\$ 46,070
Mortgages		1,471		711		3,416	1,807	497	7,902
Stocks		2,321		277		240	1,151	2,975	6,964
Real estate		1,691		370		58	818	547	3,484
Other		5,648		1,819		2,133	1,966	2,627	14,193
Total	\$	25,663	\$	7,264	\$	18,588	\$ 15,585	\$ 11,513	\$ 78,613

(1) Other includes group insurance, reinsurance and non-insurance liabilities and non-controlling interest in subsidiaries.

(2) Capital represents total equity, subordinated debt, non-controlling interest in Manulife Financial Capital Trust and trust preferred securities issued by subsidiaries.

The deferred realized net gains taken into account in the computation of actuarial liabilities as at December 31, 2002 were \$1,859 (2001 - \$2,025).

## c) SIGNIFICANT RESERVE ASSUMPTIONS

The preparation of financial statements involves the use of estimates and assumptions; however, actual results may differ from those estimates. The most significant estimation processes for insurance companies relate to the determination of actuarial liabilities.

Actuarial liabilities have two major components: a best estimate reserve and a provision for adverse deviation. In conjunction with prudent business practices to manage both business and investment risks, the selection and monitoring of appropriate assumptions are designed to minimize the extent to which the Company is financially exposed to measurement uncertainty.

## Best estimate reserve assumptions

In the computation of actuarial liabilities, best estimate reserve assumptions are made. Assumptions are made for the lifetime of the policies and include assumptions with respect to mortality and morbidity, investment returns, rates of policy termination, operating expenses and certain taxes. Actuarial assumptions may be subject to change in the future. Actual experience is monitored regularly to ensure that the assumptions remain appropriate. Assumptions are discussed in more detail in the following table:

	Nature of factor and assumption methodology	Risk management
Mortality and Morbidity	Mortality relates to the occurrence of death. Mortality assumptions are based on past and emerging Company and industry experience. Assumptions are differentiated by sex, underwriting class and policy type. Morbidity relates to the occurrence of accidents and sickness. Morbidity assumptions are based on Company and industry experience.	The Company establishes appropriate underwriting stan- dards to determine the insurability of applicants. Claim trends are monitored on an ongoing basis. Exposure to large claims is managed by establishing policy retention limits, which vary by market and geographic location. Policies in excess of the limits are reinsured with other companies. Mortality is monitored monthly and 2002 experience was consistent with the Company's assumptions. Morbidity is also monitored monthly and 2002 experience was favourable when compared with the Company's assumptions.
Investment return	The Company matches assets and liabilities by business segment, using investment objectives that are appropriate for each line of business. The projected cash flows from these assets are combined with future reinvestment rates derived from the current economic outlook and the Company's investment policy in order to determine expected rates of return on these assets for all future years. Investment return assumptions include expected future asset defaults. Asset defaults are projected based on both past Company and industry experience and specific reviews of the current investment portfolio.	The Company's policy of closely matching cash flows of the assets with those of the corresponding liabilities reduces the Company's exposure to future changes in interest rates. The interest rate risk positions in business segments are monitored on an ongoing basis. Under the Canadian Asset Liability Method (CALM), the reinvestment rate is quantified by using interest rate scenario testing. The exposure to asset default is managed by policies and procedures, which limit concentrations by issuer, connections, rating, sector and geographic region. On certain policies, such as for participating insurance and universal life, asset default experience is passed back to policyholders through the investment return crediting formula. The Company holds explicit provisions in actuarial liabilities for asset credit risk, which including provisions for adverse deviation, totaled \$1,699 as at December 31, 2002 (2001 – \$1,525).

	Nature of factor and assumption methodology	Risk management
Investment return, continued		In 2002, mortgage default experience continued to be favourable when compared to the Company's assumptions. Bond default experience for 2002 was favourable when compared with the Company's assumptions, with the exception of the telecommunications sector, which was unfavourable. Stocks and real estate are used primarily to support liabili- ties where investment return experience is passed back to policyholders through dividends or credited investment return adjustments. A limited amount of stocks are also used to support long-dated obligations in the Company's U.S. annuity and pension businesses, and for insurance liabilities in Japan.
Policy terminations	Lapse relates to the termination of policies due to non- payment of premiums. Surrenders relate to the voluntary termination of policies by policyholders. Policy termination assumptions are based on the Company's experience adjusted for expected future conditions. Assumptions reflect differences in geographic markets and lapse pat- terns for different types of contracts.	The Company designs its products in order to minimize financial exposure to lapse and surrender risk. In addition, the Company monitors lapse and surrender experience monthly. In aggregate, 2002 lapse experience on insurance products was slightly unfavourable when compared to assumptions used in the computation of actuarial liabilities.
Expenses and taxes	Operating expense assumptions reflect the projected costs of maintaining and servicing in force policies and associat- ed overhead expenses. These expenses are derived from the Company's internal cost studies projected into the future with an allowance for inflation. Taxes reflect assumptions for future premium taxes and other non-income related taxes. The impact of income taxes, projected on the basis of the valuation assumptions (expected plus margin for adverse deviation), is also included.	The Company prices its products to cover the expected costs of servicing and maintaining them. In addition, the Company monitors expenses monthly, including compar- isons of actual expenses to expense levels allowed for in pricing and valuation. Maintenance expenses for 2002 were favourable when compared with the assumptions used in the computation of actuarial liabilities. The Company prices its products to cover the expected cost of taxes.

# Provision for adverse deviation assumptions

The basic assumptions made in establishing actuarial liabilities are best estimates for a range of possible outcomes. To recognize the uncertainty in establishing these best estimate reserve assumptions, to allow for possible deterioration in experience and to provide greater comfort that the reserves are adequate to pay future benefits, the Appointed Actuary is required to include a margin in each assumption.

The impact of these margins is to increase actuarial liabilities and decrease the income that would be recognized at inception of the policy. Minimum conditions are prescribed by the Canadian Institute of Actuaries for determining margins related to interest rate risk. For other risks, which are not specifically addressed by the Canadian Institute of Actuaries, a range is defined as 5% to 20% of the expected experience assumption, taking into account the risk profiles of the business. The Company uses assumptions at the conservative end of the permissible ranges.

# d) RISK MANAGEMENT

In addition to risks related to reserve assumptions, the Company is also exposed to the following risks, which are considered in establishing actuarial liabilities:

## Interest rate risk

Interest rate changes may result in losses if asset and liability cash flows are not closely matched with respect to timing and amount. The Company measures and manages interest rate risk exposure using a variety of sophisticated measures, including cash flow gaps, durations, key rate durations, convexity, and economic value at risk based on both stochastic scenarios and predetermined scenarios.

The Company's exposure to interest rate movements, expressed as the impact on economic value<sup>(1)</sup>, was as follows:

As at December 31	2002	2001
1% increase	\$ (56)	\$ 34
1% decrease	\$ 83	\$ (87)

(1) Impact on economic value represents the potential economic gain (loss) as a result of an immediate and parallel change of 1% in interest rates across all maturities in all markets, with a 0% interest rate floor.

# Foreign currency risk

The Company's strategy of matching the currency of its assets with the currency of the liabilities these assets support results in minimal financial exposure related to foreign currency fluctuations on assets backing actuarial liabilities. The Company also generally matches the currency of its equity with the currency of its liabilities.

As at December 31, 2002, assets exceeded liabilities denominated in foreign currencies by approximately 4,318 (2001 – 3,278), of which 3,360 as at December 31, 2002 (2001 – 2,340) related to the United States dollar. The impact of a 1% strengthening of the Canadian dollar relative to the United States dollar would have resulted in an 88 decrease in net income for the year ended December 31, 2002 (2001 – 3) and a 344 decrease in equity as at December 31, 2002 (2001 – 22).

# Liquidity risk

Liquidity risk is the risk that the Company will not have access to sufficient funds to meet its liabilities as they become due. Certain of the Company's policies have features that allow them to be terminated at short notice, creating a potential liquidity exposure. In the normal course of business, the Company matches the maturity of invested assets to the maturity of actuarial liabilities. The economic impact of dis-intermediation risk is captured as part of the interest rate risk testing in the CALM methodology.

The Company has established minimum levels for both operating and strategic liquidity measures. Operating liquidity is maintained at or above the level of one month's operating cash outflows. Strategic liquidity is measured using an industry-accepted model under both immediate (within one month) and ongoing (within one year) stress scenarios. Under this model, adjusted liquid assets include cash and short-term investments, and marketable bonds and stocks discounted to reflect their convertibility to cash, net of maturing debt obligations. Under the model, actuarial liabilities are adjusted to reflect their potential for withdrawal. The Company's policy is to maintain adjusted liquid assets at a level well above adjusted actuarial liabilities.

The Company's strategic liquidity was as follows:

As at December 31		2002		2001
	Immediate scenario	Ongoing scenario	Immediate scenario	Ongoing scenario
Adjusted liquid assets	\$ 52,463	\$ 53,231	\$ 51,263	\$ 52,101
Adjusted actuarial liabilities	\$ 9,176	\$ 12,617	\$ 9,016	\$ 12,451
Liquidity ratio	572%	422%	569%	418%

## **Reinsurance risk**

In the normal course of business, the Company limits the amount of loss on any one policy by reinsuring certain levels of risk with other insurers. In addition, the Company accepts reinsurance from other reinsurers. Reinsurance ceded does not discharge the Company's liability as the primary insurer. Failure of reinsurers to honour their obligations could result in losses to the Company; consequently, allowances are established for amounts deemed uncollectible. In order to minimize losses from reinsurer insolvency, the Company monitors the concentration of credit risk both geographically and with any one reinsurer. In addition, the Company selects reinsurers with high credit ratings.

As a result of ceded reinsurance, actuarial liabilities have been reduced by \$3,306 as at December 31, 2002 (2001 – \$2,435).

The effect of reinsurance on premium income was as follows:

For the years ended December 31	2002	2001
Direct premium income	\$ 10,272	\$ 9,896
Reinsurance assumed	1,109	821
Reinsurance ceded	(602)	(470)
Total premium income	\$ 10,779	\$ 10,247

# e) CHANGE IN ACTUARIAL LIABILITIES

Change in actuarial liabilities during the year was a result of the following business activities and changes in actuarial estimates:

For the years ended December 31	2002	2001
Balance, January 1	\$ 54,690	\$ 41,384
Normal change		
New policies	1,605	1,932
In force	(1,307)	(2,271)
Changes in methods and assumptions	9	131
Changes due to acquisition and assumption transactions	668	12,150
Currency impact	732	1,364
Balance, December 31	\$ 56,397	\$ 54,690

The Company examines the assumptions used in determining actuarial liabilities on an ongoing basis. Actuarial liabilities are increased when expected benefit costs and related risks increase, and vice versa. As a result of continued volatility in world equity markets in 2002, the Company has increased actuarial liabilities on products that are exposed to equity markets, such as variable annuities and segregated funds. There has been a corresponding reduction in margins for investment risks on certain insurance products where investment performance can be passed back to policyholders. Actuarial liabilities on these insurance policies continue to be adequate, appropriate and consistent with the Company's actuarial policies. In aggregate, these changes decreased pre-tax earnings by \$9 (2001–\$131).

Policy benefits in the course of settlement are included in Benefits payable and provision for unreported claims on the Consolidated Balance Sheets.

# **NOTE 5** Income Taxes

The effective income tax rate for the provision for income taxes varies from the income taxes computed at the Canadian statutory tax rate of 38% as at December 31, 2002 (2001 – 41%) for the following reasons:

## **RECONCILIATION OF INCOME TAX EXPENSE**

For the years ended December 31	2002	2001
Income tax at Canadian statutory rates	\$ 636	\$ 559
Increase (decrease) in tax due to:		
Tax-exempt investment income	(80)	(49)
Differences in tax rates on income not subject to tax in Canada	(265)	(207)
Recognition of tax benefit from prior years	(15)	(118)
Changes in future tax asset from statutory rate changes	(14)	18
Other	42	(7)
Income taxes	\$ 304	\$ 196

Components of income tax expense included in the Consolidated Statements of Operations were as follows:

For the years ended December 31	2002	2001
Canadian income tax expense:		
Current taxes	\$ 96	\$ 71
Future taxes	28	2
	\$ 124	\$ 73
Foreign income tax expense:		
Current taxes	\$ (105)	\$ -
Future taxes	285	123
	\$ 180	\$ 123
Income tax expense	\$ 304	\$ 196

The amount of income taxes paid in cash during the year ended December 31, 2002 was \$103 (2001 - \$188).

Undistributed earnings of non-Canadian subsidiaries may be taxed upon repatriation to Canada. The Company has recognized a future tax liability on these undistributed earnings to the extent that management expects it will be incurred on earnings repatriated in the foreseeable future.

The following table presents future income taxes in total, and the principal components:

As at December 31	2002	2001
Future income tax asset:		
Gains on sale of invested assets	\$ 457	\$ 502
Other	1,185	667
	\$ 1,642	\$ 1,169
Valuation allowance	(174)	(114)
Future income tax asset	\$ 1,468	\$ 1,055
Future income tax liability:		
Actuarial liabilities	\$ (613)	\$ (3)
Real estate	(392)	(314)
Securities	(245)	(127)
Other	(86)	(94)
Future income tax liability	\$ (1,336)	\$ (538)
Net future income tax asset	\$ 132	\$ 517

As at December 31, 2002, the Company has approximately 2,903 (2001 - 1,790) of tax loss carryforwards available, which expire between the years 2003 and 2016. A benefit has been recognized in the amount of 843 (2001 - 607) in future income taxes. A benefit in the amount of 174 (2001 - 22) has not been recognized.

# **NOTE 6** Subordinated Debt

	2002		2001
\$	395	\$	398
	241		220
	250		250
	550		550
\$	1,436	\$	1,418
\$	1,523	\$	1,470
-	\$ \$ \$	\$ 395 241 250 550 \$ 1,436	\$ 395 \$ 241 250 550 \$ 1,436 \$

The fair value of subordinated debt is determined by reference to current market prices. These issues form part of the Company's regulatory capital. To reduce exposure to foreign currency fluctuations, derivatives are used to convert the U.K. pound debt into Canadian and U.S. dollar liabilities.

The cash amount of interest paid during the year ended December 31, 2002 was \$98 (2001 - \$91).

# a) 7.875% U.S. DOLLAR SUBORDINATED NOTES

During 1995, the Company issued U.S. \$250 (\$341) in 7.875% subordinated notes due April 15, 2005. This debt was issued as a private placement under Rule 144A of the Securities Act (United States).

# b) 8.25% U.K. POUND SUBORDINATED NOTES

On January 1, 1996, on amalgamation with North American Life Assurance Company, the Company assumed £100 (\$202) in 8.25% subordinated notes redeemable on November 17, 2003. Concurrently, £5 (\$10) of debt, which was held by the Company, was extinguished.

# c) CANADIAN DOLLAR SUBORDINATED DEBT

On February 16, 2001, the Company issued, in two tranches, \$800 in unsecured subordinated debentures, redeemable in whole or in part by the Company at any time. Debentures with principal of \$250, maturing on February 16, 2011, bear interest at a fixed rate of 5.70% for five years and thereafter at a rate of 1% plus the 90-day Bankers Acceptance Rate (adjusted quarterly). In addition, debentures with principal of \$550, maturing on February 16, 2016, bear interest at a fixed rate of 6.24% for 10 years and thereafter at a rate of 1% plus the 90-day Bankers Acceptance Rate (adjusted quarterly). Proceeds to Manufacturers Life, net of issuance costs, were approximately \$796. The debt constitutes Tier 2B regulatory capital.

#### **NOTE 7** Non-Controlling Interest in Subsidiaries As at December 31

Non-controlling interest in common equity of subsidiaries	\$ 59	\$ 64
Manulife Financial Capital Securities – Series A	60	60
Manulife Financial Capital Securities – Series B	940	940
Total	\$ 1,059	\$ 1,064

On December 10, 2001, Manulife Financial Capital Trust (the "Trust"), a wholly-owned open-end trust, issued 60,000 Manulife Financial Capital Securities ("MaCS") – Series A and 940,000 Manulife Financial Capital Securities – Series B. These securities are exchangeable into newly issued Manufacturers Life Class A Shares Series 2, in the case of MaCS – Series A, or newly issued Manufacturers Life Class A Shares Series 4, in the case of MaCS – Series B, under certain circumstances.

Each MaCS – Series A entitles the holder to receive fixed cash distributions payable semi-annually in the amount of 335.00. Each MaCS – Series B entitles the holder to receive fixed cash distributions payable semi-annually in the amount of 333.50.

The MaCS, with regulatory approval, may be redeemed in whole, upon the occurrence of certain tax or regulatory capital changes, or on or after December 31, 2006, at the option of the Trust.

Under certain circumstances, each MaCS will be automatically exchanged, without the consent of the holders, for Manufacturers Life Class A Shares Series 3, in the case of MaCS – Series A, and Manufacturers Life Class A Shares Series 5, in the case of MaCS – Series B.

The MaCS – Series A and MaCS – Series B constitute Tier 1 regulatory capital.

# **NOTE 8** Trust Preferred Securities Issued by Subsidiaries

As at December 31	2002	2001
Trust Preferred Securities	\$ 794	\$ 802

Capital Trust Pass-through Securities Units of U.S. \$500 (\$672) were issued by subsidiaries of Manulife Financial Corporation in January 1997, maturing February 1, 2027.

Each unit consists of one 8.25% Trust Preferred Security, issued by the trust subsidiary, and one 0.125% preferred purchase contract, issued by Manufacturers Investment Corporation ("MIC"). The trust subsidiary's only asset is an investment in notes issued by MIC. Holders of each purchase contract may be required to purchase 20 non-cumulative perpetual preferred shares, Series A of MIC, at U.S. \$50 per share. Holders may satisfy this purchase by delivering the Trust Preferred Securities to MIC in exchange for the perpetual preferred shares.

The Securities Units were issued as a private placement under Rule 144A of the Securities Act (United States).

From the Company's perspective, the issue is equivalent to a combination of 8.25% subordinated debt maturing February 1, 2027, and an option exercisable by the Company, requiring contract holders to purchase an equivalent amount of perpetual preferred stock in MIC. The securities form part of the Company's regulatory capital.

# **NOTE 9** Share Capital

The authorized capital of Manulife Financial Corporation consists of:

- a) an unlimited number of common shares without nominal or par value; and
- b) an unlimited number of Class A and Class B preferred shares without nominal or par value, issuable in series.

On October 14, 2002, the Company announced its intention to make a normal course issuer bid through the facilities of the Toronto Stock Exchange (the "Exchange"). Pursuant to the bid, the Company is authorized to purchase up to 20 million common shares, representing approximately 4.3% of common shares issued and outstanding at the time, in the 12-month period commencing October 17, 2002. Transactions will be executed on the Exchange at the prevailing market price in amounts and at times determined by the Company. Any shares purchased as part of the bid will be cancelled. As at December 31, 2002, two million shares were purchased pursuant to this bid at a cost of \$64.

2002

2001

A previous normal course issuer bid program terminated on October 16, 2002.

During the year, Manulife Financial Corporation purchased and subsequently cancelled 20 million of its common shares pursuant to the two normal course issuer bids at a total cost of \$726. Common shares outstanding were reduced by \$26 and retained earnings were reduced by \$700.

For the years ended December 31		2002		2001
	Number of shares	A	Number of shares	
	(in millions)	Amount	(in millions)	Amount
Common shares				
Balance, January 1	482	\$ 614	482	\$ 612
Issued on exercise of stock options and deferred share units (note 10)	1	8	_	2
Normal course issuer bids – purchased for cancellation	(20)	(26)	_	-
Balance, December 31	463	\$ 596	482	\$ 614

# **NOTE 10** Stock-Based Compensation

Under the Company's Executive Stock Option Plan ("ESOP"), stock options are periodically granted to selected individuals. Options provide the holder with the right to purchase common shares at an exercise price equal to the closing market price of Manulife Financial Corporation's common shares on the Exchange on the business day immediately preceding the date the options were granted. The options vest over a period not exceeding four years and expire not more than 10 years from the grant date. A total of 36,800,000 common shares have been reserved for issuances under the ESOP.

In 2000, the Company also granted deferred share units ("DSUs") to certain employees under the ESOP. The DSUs vest over a four-year period and each unit entitles the holder to receive one common share on retirement or termination of employment. The DSUs attract dividends in the form of additional DSUs at the same rate as dividends on the common shares. No DSUs were granted during 2002 and 2001. The number of DSUs outstanding was two million as at December 31, 2002 (2001 – three million).

Effective January 1, 2001, the Company established the Global Share Ownership Plan ("GSOP") for its eligible employees and the Stock Plan for Non-Employee Directors.

Under the Company's GSOP, qualifying employees can choose to have up to 5% of their annual base earnings applied toward the purchase of common shares of Manulife Financial Corporation. Subject to certain conditions, the Company will match 50% of the employee's eligible contributions. The Company's contributions vest immediately. All contributions will be used by the plan's trustee to purchase common shares in the open market.

Under the Company's Stock Plan for Non-Employee Directors, each eligible director may elect to receive DSUs or common shares in lieu of cash equal to his or her annual director's retainer and fees. Upon termination of Board service, the eligible director may elect to receive cash or common shares equal to the value of the DSUs accumulated in his or her account. A total of 500,000 common shares have been reserved for issuance under the Stock Plan for Non-Employee Directors.

The Company also granted stock options to eligible directors under the new Director Equity Incentive Plan ("DEIP"). An option provides the holder the right to purchase one common share at an exercise price equal to the closing market price of Manulife Financial Corporation's common shares on the Exchange on the business day immediately preceding the date the option was granted. These DEIP options vest immediately and expire not more than 10 years from the grant date. A total of 500,000 common shares have been reserved for issuance under the DEIP.

For the years ended December 31			2002			2001
	Number of options (in millions)		Weighted average exercise price	Number of options (in millions)		Weighted average exercise price
Outstanding, January 1 Granted	8 3	\$ \$	36.22 42.76	5 3	\$ \$	31.60 41.80
Outstanding, December 31	11	\$	38.20	8	\$	36.22
Exercisable, as at December 31	4	\$	33.91	2	\$	31.60

The exercise price of stock options outstanding ranged from \$31.60 to \$46.95 and had a weighted average contractual remaining life of 8.3 years.

The weighted average fair value of each option granted in the year has been estimated at \$13.85 (2001 - \$14.12) using the Black-Scholes option pricing model. The pricing model uses the following weighted average assumptions: risk-free interest rate of 5.2% (2001 - 5.3%), dividend yield of 1.4% (2001 - 1.2%), expected volatility of 25% (2001 - 25%) and expected life of seven (2001 - seven) years.

The following table presents the impact on net income and both basic and diluted earnings per share had the fair value method been used for all awards granted in 2002 and prior years:

For the years ended December 31	2002	2001
Reduction in net income	\$ 48	\$ 58
Reduction in basic earnings per share	\$ 0.10	\$ 0.12
Reduction in diluted earnings per share	\$ 0.10	\$ 0.12

# **NOTE 11** Acquisition and Assumption Transactions

## a) MANULIFE LIFE INSURANCE COMPANY

In April 1999, the Company entered the Japanese life insurance market by establishing a new life insurance company, Manulife Life Insurance Company ("Manulife Japan," formerly Manulife Century Life Insurance Company), with a local company, Daihyaku Mutual Life Insurance Company ("Daihyaku"). Effective May 31, 2000, a business suspension order was issued against Daihyaku by regulatory authorities in Japan and on June 1, 2000, administrators were appointed to manage Daihyaku's business.

On January 25, 2001, the Company announced the signing of a definitive agreement between Manulife Japan and the administrators of Daihyaku to assume Daihyaku's existing insurance policies. In addition, on this date, Manulife Financial acquired Daihyaku's minority interest in Manulife Japan, making Manulife Japan a wholly-owned subsidiary of the Company.

On April 2, 2001, the transfer of approximately 1.3 million active insurance policies from Daihyaku to Manulife Japan was completed. The Company received assets with a fair value of \$16,017 (Yen 1.3 trillion) of which \$15,860 (Yen 1.3 trillion) was included in its general fund and \$157 (Yen 12.7 billion) was included in its segregated funds. Policy liabilities and other liabilities increased by an amount commensurate with the general fund assets. This transaction was accounted for as a purchase of a block of business and accordingly, the assets transferred to Manulife Japan were recorded at their estimated fair values at the closing date. Goodwill was not created as a result of this transaction.

The results of operations for the acquired block of business since April 2, 2001 have been included in the Company's Consolidated Statements of Operations.

# CONDENSED BALANCE SHEET AS AT APRIL 2, 2001

Total general fund assets	\$ 15,860
Segregated fund assets	\$ 157
Total general fund liabilities	\$ 15,860
Segregated fund liabilities	\$ 157

# b) OTHER

The fair value of assets acquired or assumed for other transactions was as follows:

		Fair value	of assets a	cquired or a	assumed
Transaction date	Company/business	Ger	neral fund	Segregat	ed funds
November 25, 2002	CMG Life Insurance Co., Inc. and CMG Plans, Inc.	\$	134	\$	_
March 25, 2002	Zurich Life Insurance Company of Canada		754		40
April 1, 2001	Commercial Union Life Assurance Company of				
	Canada's Canadian life insurance operations		1,120		77
April 1, 2001	Zurich Life Insurance Company of Canada's				
	group life and health employee benefits business		97		-

# **NOTE 12** Employee Future Benefits

The Company maintains a number of pension and benefit plans for its eligible employees and agents. The Company's funding policy for all applicable plans is to make at least the minimum annual contributions required by regulations of the countries in which the plans are offered. Information about the Company's benefit plans, in aggregate, was as follows:

		Pensio	n benefits	Other	employe	e benefits
For the years ended December 31	2002		2001	2002		2001
Change in accrued benefit obligation:						
Balance, January 1	\$ 727	\$	675	\$ 130	\$	118
Service cost	25		22	6		7
Interest cost	47		42	8		8
Plan participants' contributions	1		1	-		-
Amendments	4		8	-		-
Actuarial loss (gain)	52		14	-		(2)
Benefits paid	(48)		(42)	(3)		(3)
Currency	2		7	-		2
Balance, December 31	\$ 810	\$	727	\$ 141	\$	130
Change in plan assets:						
Fair value of plan assets, January 1	\$ 632	\$	682	\$ _	\$	_
Actual return on plan assets	(33)		(16)	_		_
Employer contribution	6		_	3		3
Plan participants' contributions	1		1	_		_
Benefits paid	(48)		(42)	(3)		(3)
Currency	_		7	_		-
Fair value of plan assets, December 31	\$ 558	\$	632	\$ -	\$	_
		Pensio	n benefits	Other	employe	e benefits
As at December 31	2002		2001	2002		2001
Funded status, end of year	\$ (252)	\$	(95)	\$ (141)	\$	(130)
Unrecognized net actuarial loss (gain)	174		46	(56)		(62)
Unrecognized initial transition gain	(5)		(10)	-		-
Unrecognized prior service cost	20		19	-		-
Accrued benefit liability	\$ (63)	\$	(40)	\$ (197)	\$	(192)
Amounts recognized in the Consolidated Balance						
Sheets consist of:						
Prepaid benefit - cost	\$ 120	\$	129	\$ -	\$	-
Accrued benefit liability	(183)		(169)	(197)		(192)
Accrued benefit liability	\$ (63)	\$	(40)	\$ (197)	\$	(192)

Included in the above amounts were 505 (2001 - 110) of plan assets and 757 (2001 - 287) of benefit obligations for pension plans that are not fully funded.

Components of the net benefit expense were as follows:

		Pensio	n benefits	Other e	employe	e benefits
For the years ended December 31	2002		2001	2002		2001
Defined benefit service cost	\$ 25	\$	22	\$ 6	\$	7
Defined contribution service cost	15		13	_		-
Interest cost	47		42	8		8
Expected return on plan assets	(47)		(49)	_		-
Net amortizations and deferrals	1		1	(4)		(5)
Net benefit expense	\$ 41	\$	29	\$ 10	\$	10
					Pensio	on benefits
For the years ended December 31				2002		2001
Weighted-average assumptions:						
Discount rate				6.6%		6.7%
Expected return on plan assets				7.7%		8.2%
Rate of compensation increase				3.6%		3.6%

Assumed health care cost trends have a significant effect on the amounts reported for the health care plan. The impact of a 100 basis-point change in assumed health care cost trend rates would have been as follows:

	100 basis-point increase	100 basis-point decrease
Effect on total service and interest costs Effect on post-employment benefit obligation	3	(3) (21)
Effect on post-employment benefit obligation	24	(21)

# **NOTE 13** Commitments and Contingencies

# a) LEGAL PROCEEDINGS

The Company is subject to legal actions arising in the ordinary course of business. These legal actions are not expected to have a material adverse effect on the consolidated financial position of the Company.

## **b) INVESTMENT COMMITMENTS**

In the normal course of business, various investment commitments are outstanding which are not reflected in the consolidated financial statements. There were \$706 of outstanding investment commitments as at December 31, 2002, of which \$127 mature in 30 days, \$383 mature in 31 to 365 days and \$196 mature in 2004 or later. There were \$519 of outstanding investment commitments as at December 31, 2001, of which \$161 matured in 30 days, \$324 matured in 31 to 365 days and \$34 mature in 2003 or later.

# c) LETTERS OF CREDIT

In the normal course of business, Manulife Financial's banking group, consisting of third party relationship banks, issues letters of credit on the Company's behalf. As at December 31, 2002, letters of credit in the amount of 2,739 (2001 – 2,275), which included 21 (2001 – 14) against which assets have been pledged, were outstanding.

## d) PLEDGED ASSETS

In the normal course of business, certain of Manulife Financial Corporation's subsidiaries pledge their assets as security for liabilities incurred. The amounts pledged were as follows:

		2002				2001
Bonds		Other		Bonds		Other
\$ 2,319	\$	246	\$	1,569	\$	-
21		-		14		-
-		7		-		14
49		-		54		-
\$ 2,389	\$	253	\$	1,637	\$	14
\$	\$ 2,319 21 - 49	\$ 2,319 \$ 21 - 49	Bonds         Other           \$ 2,319         \$ 246           21         -           -         7           49         -	Bonds         Other           \$ 2,319         \$ 246         \$           21         -         -           -         7         49         -	Bonds         Other         Bonds           \$ 2,319         \$ 246         \$ 1,569           21         -         14           -         7         -           49         -         54	Bonds         Other         Bonds           \$ 2,319         \$ 246         \$ 1,569         \$           21         -         14           -         7         -           49         -         54

# e) CAPITAL REQUIREMENTS

Dividends and capital distributions are restricted under the Insurance Companies Act (Canada) ("ICA"). The ICA requires Canadian insurance companies to maintain, at all times, minimum levels of capital (which principally includes common shareholders' equity (including retained earnings), non-cumulative perpetual preferred shares, subordinated debt, other financial instruments that qualify as regulatory capital and the participating account) calculated in accordance with Minimum Continuing Capital and Surplus Requirements. In addition to the requirements under Canadian law, Manulife Financial Corporation must also maintain minimum levels of capital for its foreign subsidiaries. Such amounts of capital are based on the local statutory accounting basis in each jurisdiction. The most significant of these are the Risk Based Capital requirements for Manulife Financial Corporation's United States insurance subsidiaries. The Company maintains capital well in excess of the minimum required in all foreign jurisdictions in which the Company does business.

There are additional restrictions on distributions in foreign jurisdictions in relation to shareholder dividends. In the United States, Manulife Financial Corporation's principal insurance subsidiary is domiciled in Michigan. Michigan regulatory approval is required if a shareholder dividend distribution from a Michigan insurance subsidiary to the parent company would exceed that subsidiary's earned surplus. Regulatory approval is also required if the distribution (together with other distributions during the previous year) exceeds the greater of the subsidiary's statutory net operating income for the previous year or 10% of its surplus determined at the end of the previous year. The determination must be made in accordance with statutory accounting principles. In 2002, Manulife Financial Corporation's Michigan insurance subsidiary would have required regulatory approval prior to the payment of dividends to the parent company.

## f) PARTICIPATING BUSINESS

In some territories where the Company maintains participating accounts, there are regulatory restrictions on the amounts of profit that can be transferred to shareholders. Where applicable, these restrictions generally take the form of a fixed percentage of the policyholder dividends. For participating business operating as separate "closed blocks," transfers are governed by the terms of Manufacturers Life's Plan of Demutualization.

# **NOTE 14** Fair Value of Financial Instruments

Financial instruments refer to both on- and off-balance sheet instruments and may be assets or liabilities. They are contracts that ultimately give rise to a right for one party to receive an asset and an obligation for another party to deliver an asset. Fair values are management's best estimates of the amounts at which instruments could be exchanged in a current transaction between willing parties and are generally calculated based on the characteristics of the instrument and the current economic and competitive environment. These calculations are subjective in nature, involve uncertainties and matters of significant judgement and do not include any tax impact.

Both the fair values and the basis for determining the fair value of invested assets, actuarial liabilities, borrowed funds, subordinated debt and derivative financial instruments are disclosed in notes 3, 4, 6 and 15, respectively.

The fair values of accrued investment income, outstanding premiums, miscellaneous assets, policy benefits in the course of settlement, provision for unreported claims, policyholder amounts on deposit and other liabilities approximate their carrying values, due to their short-term nature.

The fair value of banking deposits is estimated at 1,444 as at December 31, 2002 (2001 – 775) compared to a carrying value of 1,437 as at December 31, 2002 (2001 – 769). The fair value of these financial instruments is determined by discounting the contractual cash flows, using market interest rates currently offered for deposits with similar terms and conditions.

# **NOTE 15** Derivative Financial Instruments

Derivative financial instruments are financial contracts, the values of which are derived from underlying assets or interest or foreign exchange rates. In the ordinary course of business, the Company enters into primarily over-the-counter contracts for asset liability management purposes. Derivatives such as foreign exchange contracts, interest rate and cross currency swaps, forwards and futures agreements and options are used to manage exposures to interest rate, foreign currency and equity fluctuations in order to ensure a consistent stream of earnings.

Swaps are contractual agreements between the Company and a third party to exchange a series of cash flows. For interest rate swaps, counterparties generally exchange fixed and floating interest rate payments based on a notional value in a single currency. Cross currency swaps involve the exchange of fixed or floating interest payments in one currency for the receipt of fixed or floating interest payments in another currency.

Notional amount represents the amount to which a rate or price is applied in order to calculate the exchange of cash flows. The notional principal amounts are not included in the Consolidated Balance Sheets.

Forward and futures agreements are contractual obligations to buy or sell a financial instrument on a future date at a specified price. Forward contracts are over-the-counter contracts negotiated between counterparties, and futures agreements are standardized contracts that are transacted on regulated exchanges.

Options are contractual agreements whereby the holder has the right, but not the obligation, to buy or sell a specified amount of the financial instrument at a predetermined price within a specified time.

Credit risk equivalent is the sum of replacement cost and the potential future credit exposure. Replacement cost represents the cost of replacing, at current market rates, all contracts with a positive fair value. The amounts do not take into consideration legal contracts that permit offsetting of positions or any collateral that may be obtained. The potential future credit exposure represents the potential for future changes in value based upon a formula prescribed by OSFI.

Risk-weighted amount represents the credit risk equivalent, weighted according to the creditworthiness of the counterparty, as prescribed by OSFI.

Fair value is summarized by derivative type and represents the unrealized net gain or loss, accrued interest receivable or payable, and premiums paid or received.

Substantially all derivative financial instruments wholly or partially offset the change in fair values of related on-balance sheet assets and liabilities.

The Company had the following amounts outstanding:

	 Re	emair	ning term t	o ma	turity (noti	onal	amounts)			F	air value		
As at December 31 2002	Under 1 year		1 to 5 years		Over 5 years		Total	Positive	Negative		Net	 edit risk uivalent	Risk- eighted amount
Interest rate contracts:													
Swap contracts	\$ 868	\$	1,645	\$	1,110	\$	3,623	\$ 111	\$ (118)	\$	(7)	\$ 136	\$ 35
Futures contracts	11		-		-		11	-	-		-	-	-
Options written	72		34		-		106	-	(3)		(3)	-	_
Sub-total	\$ 951	\$	1,679	\$	1,110	\$	3,740	\$ 111	\$ (121)	\$	(10)	\$ 136	\$ 35
Foreign exchange:													
Swap contracts	1,011		3,010		485		4,506	96	(294)		(198)	293	81
Forward contracts	2,890		274		-		3,164	25	(18)		7	67	13
Equity contracts	374		68		-		442	12	(3)		9	34	10
Total	\$ 5,226	\$	5,031	\$	1,595	\$	11,852	\$ 244	\$ (436)	\$	(192)	\$ 530	\$ 139
2001													
Interest rate contracts:													
Swap contracts	\$ 726	\$	1,654	\$	1,476	\$	3,856	\$ 104	\$ (73)	\$	31	\$ 122	\$ 33
Futures contracts	322		-		-		322	-	-		-	-	-
Options written	-		-		34		34	-	(2)		(2)	-	-
Sub-total	\$ 1,048	\$	1,654	\$	1,510	\$	4,212	\$ 104	\$ (75)	\$	29	\$ 122	\$ 33
Foreign exchange:													
Swap contracts	222		3,036		708		3,966	48	(454)		(406)	255	76
Forward contracts	3,356		-		_		3,356	10	(53)		(43)	44	9
Commodity contracts	4		_		_		4	3	_		3	3	2
Equity contracts	381		122		-		503	30	-		30	63	16
Total	\$ 5,011	\$	4,812	\$	2,218	\$	12,041	\$ 195	\$ (582)	\$	(387)	\$ 487	\$ 136

# **NOTE 16** Segmented Information

The Company provides a wide range of financial products and services, including individual life insurance, group life and health insurance, pension products, annuities and mutual funds, to individual and group customers in the United States, Canada and Asia. The Company also offers reinsurance services, primarily life and accident reinsurance, and provides investment management services with respect to the Company's general fund assets, segregated fund assets and mutual funds and, in Canada and Asia, to institutional customers.

The Company's business segments include the U.S., Canadian, Asian, Japan and Reinsurance divisions. Effective January 1, 2002, Japan was established as its own division and was no longer included in the results of Asian Division. Each division has profit and loss responsibility and develops products, services and distribution strategies based on the profile of its business and the needs of its market.

The accounting policies of the segments are the same as those described in note 1, Nature of Operations and Significant Accounting Policies.

The results of the Company's business segments differ from geographic segmentation primarily as a consequence of segmenting the results of the Company's Reinsurance Division into the different geographic segments to which its business pertains.

0	•	•						Ũ					
BY SEGMENT								_			_		
For the year ended December 31, 20	02	U.S. Division	Canadian Division		Asian Division		Japan Division	Re	insurance Division		Corporate & Other		Total
REVENUE		211101011	21101011		2		2		211101011				
Premium income													
Life and health insurance	\$	1,939	\$ 2,465	\$	1,424	\$	1,451	\$	1,063	\$	; _	\$	8,342
Annuities and pensions		1,616	726		95		-		-		-		2,437
Total premium income	\$	3,555	\$ 3,191	\$	1,519	\$	1,451	\$	1,063	\$	. –	\$	10,779
Investment income		1,773	1,629		334		81		226		192		4,235
Other revenue		998	287		114		34		43		42		1,518
Total revenue	\$	6,326	\$ 5,107	\$	1,967	\$	1,566	\$	1,332	\$	234	\$	16,532
Interest expense	\$	20	\$ 64	\$	45	\$	3	\$	1	\$	5 110	\$	243
Income (loss) before													
income taxes	\$	633	\$ 472	\$	265	\$	163	\$	238	\$	6 (97)	\$	1,674
Income taxes		(162)	(104)		(6)		(52)		(54)		74		(304)
Net income (loss)	\$	471	\$ 368	\$	259	\$	111	\$	184	\$	(23)	\$	1,370
Amortization of realized and unrealized													
net gains (losses)	\$	106	\$ 135	\$	13	\$	(9)	\$	3	\$	5 165	\$	413
Segregated fund deposits	\$	14,229	\$ 1,283	\$	1,024	\$	477	\$	-	\$	; –	\$	17,013
As at December 31, 2002													
Actuarial liabilities	\$	22,668	\$ 18,120	\$	4,254	\$	9,786	\$	952	\$	617	\$	56,397
Funds under management													
General fund	\$	26,790	\$ 24,235	\$	6,476	\$	13,153	\$	4,134	\$	6,407	\$	81,195
Segregated funds Mutual funds		47,189	8,577 1,324		2,497 843		568		-		-		58,831 2,167
Other managed funds		_	1,524		045 1,718		_		_		2,264		3,982
					1,710						2,204		5,502
<b>BY GEOGRAPHIC LOCA</b>	TI	ON											
For the year ended December 31,	2002	2	Unite	ed State	es .	Car	nada		Asia		Other		Total
REVENUE													
Premium income			*	2 20		-					675		0.040
Life and health insurance			\$	2,28 1,61			511 \$ 726	4	2,875 95	\$	675	\$	8,342
Annuities and pensions			*							*	-	¢	2,437
Total premium income			\$	3,89		-	237 \$		2,970	\$	675	\$	10,779
Investment income Other revenue				1,88 1,02		-	872 309		415 154		68 33		4,235 1,518
			 6							*		*	
Total revenue			\$	6,79	9 \$	5,	418 \$		3,539	\$	776	\$	16,532

BY SEGMENT												
For the year ended December 31, 2001	U.S. Division	Canadian Division		Asian Division		Japan Division	R	einsurance Division		Corporate & Other		Total
REVENUE	DIVISION	 DIVISION		DIVISION		DIVISION		DIVISION		d Other		10101
Premium income												
Life and health insurance \$	1,780	\$ 2,278	\$	1,187	\$	1,349	\$	791	\$	-	\$	7,385
Annuities and pensions	2,056	646		160		-		-		-		2,862
Total premium income \$	3,836	\$ 2,924	\$	1,347	\$	1,349	\$	791	\$	-	\$	10,247
Investment income	1,942	1,617		333		114		231		242		4,479
Other revenue	939	 287		94		25		38		122		1,505
Total revenue \$	6,717	\$ 4,828	\$	1,774	\$	1,488	\$	1,060	\$	364	\$	16,231
Interest expense \$	52	\$ 56	\$	47	\$	5	\$	3	\$	94	\$	257
Income before												
income taxes \$	524	\$ 417	\$	196	\$	167	\$	2	\$	57	\$	1,363
Income taxes	(151)	(82)		1		(47)		46		37		(196)
Net income \$	373	\$ 335	\$	197	\$	120	\$	48	\$	94	\$	1,167
Amortization of realized and unrealized												
net gains (losses) \$	179	\$ 196	\$	50	\$	(21)	\$	-	\$	212	\$	616
Segregated fund deposits \$	11,790	\$ 1,190	\$	1,063	\$	1	\$	-	\$	-	\$	14,044
As at December 31, 2001 Actuarial liabilities \$	22,019	\$ 17,567	\$	3,804	\$	10,122	\$	1,033	\$	145	\$	54,690
Funds under management												
General fund \$	26,731	\$ 23,012	\$	5,361	\$	13,726	\$	3,821	\$	5,962	\$	78,613
Segregated funds	47,975	9,279		1,865		87		-		-		59,206
Mutual funds Other managed funds	_	1,313		340 637		_		_		_ 2,073		1,653 2,710
				0.57						2,075		2,710
<b>BY GEOGRAPHIC LOCATI</b> For the year ended December 31, 20		Unit	ted Stat	es	Ca	nada		Asia		Other		Total
REVENUE												
Premium income												
Life and health insurance		\$	2,13			317 \$	4		\$	401	\$	7,385
Annuities and pensions			2,05			646		160		-		2,862
Total premium income		\$	4,18			963 \$	4		\$	401	\$	10,247
Investment income Other revenue			2,06 95			895 394		447 125		75 27		4,479 1,505
		¢							¢	503	đ	
Total revenue		\$	7,20	8 \$	Э,	252 \$		3,268	\$	202	\$	16,231

# **NOTE 17** Material Differences Between Canadian and United States Generally Accepted Accounting Principles

The consolidated financial statements of the Company are presented in accordance with Canadian GAAP. Canadian GAAP differs in certain material respects from U.S. GAAP. The following is a summary of such material differences:

# a) RECONCILIATION OF CANADIAN GAAP NET INCOME AND EQUITY TO U.S. GAAP NET INCOME, COMPREHENSIVE INCOME AND EQUITY:

			I	Vet income				Equity
For the years ended December 31		2002		2001		2002		2001
Net income and equity determined in accordance								
with Canadian GAAP	\$	1,370	\$	1,167	\$	8,748	\$	8,293
Bonds		338		247		1,507		1,121
Mortgages		85		(5)		(67)		(132)
Stocks		(932)		(668)		503		1,619
Real estate		(43)		(4)		(829)		(789)
Actuarial liabilities		(901)		(232)		(6,754)		(5,889)
Deferred acquisition costs <sup>(1)</sup>		1,249		807		7,529		6,283
Deferred revenue		(181)		(142)		(610)		(465)
Future income taxes <sup>(2)</sup>		38		2		(274)		(292)
Derivative instruments and hedging activities		(12)		41		29		41
Other reconciling items		(38)		(132)		148		80
Net income and equity determined in accordance								
with U.S. GAAP	\$	973	\$	1,081	\$	9,930	\$	9,870
Foreign currency translation <sup>(3)</sup>		(75)		277		_		-
Effect of unrealized gains and losses on available-for-sale								
bonds and stocks:								
Bonds		1,508		679		3,478		1,970
Stocks		(813)		(182)		(19)		794
Actuarial liabilities		(91)		30		(887)		(796)
Deferred acquisition costs		(252)		(96)		(418)		(166)
Deferred revenue		30		3		35		5
Other		(59)		(30)		(89)		(30)
Future income taxes <sup>(2)</sup> on above		(71)		(109)		(531)		(460)
SFAS 133 transitional provisions <sup>(4)</sup>		_		-		_		(14)
SFAS 133 adjustments <sup>(4)</sup>		165		(308)		(157)		(308)
Comprehensive income and equity determined	<i>k</i>	4 245	¢	4 2 4 5	*	44.245	¢	10.005
in accordance with U.S. GAAP <sup>(5)</sup>	\$	1,315	\$	1,345	\$	11,342	\$	10,865

(1) Deferred acquisition costs consist of \$1,509 (2001 - \$1,433) of capitalized expenditures and \$260 (2001 - \$626) of amortization charged to income.

(2) U.S. GAAP terminology is deferred income taxes.

(3) Included a gain of \$1 (2001 - loss of \$4), net of tax, arising from hedges of foreign currency exposure of a net investment in a foreign operation.

(4) Statement of Financial Accounting Standards No. 133, "Accounting for Derivative Instruments and Hedging Activities." Other comprehensive income related to SFAS 133 is net of \$83 in income taxes (2001 – \$138).

(5) Included in comprehensive equity are gross unrealized investment gains and gross unrealized investment losses of \$4,238 and \$779 (2001 – \$3,530 and \$766), respectively.

## b) VALUATION AND INCOME RECOGNITION DIFFERENCES BETWEEN CANADIAN GAAP AND U.S. GAAP:

	Canadian GAAP	U.S. GAAP
Bonds	Bonds are carried at amortized cost, less an allowance for specific losses. Allowances are provided on a specific bond whenever a decline in the value of the bond is con- sidered to be other than temporary. Realized gains and losses on sale are deferred and brought into income over the lesser of 20 years or the remaining term to maturity of the bond sold.	Bonds may be classified as "available-for-sale," "held to maturity" or "trading" securities. All bonds are classified as "available-for-sale" by the Company and are carried at fair value in the Consolidated Balance Sheets. A decline in the value of a specific bond that is considered to be other than temporary results in a write-down in the cost basis of the bond and a charge to income in the period of recognition. Realized gains and losses on sale are recognized in income immediately. Unrealized gains and losses, other than losses considered to be other than temporary, are excluded from income and reported net of tax in other comprehensive income, a component of equity.

	Canadian GAAP	U.S. GAAP
Mortgages	Mortgages are carried at amortized cost less repayments and an allowance for specific losses. Realized gains and losses are deferred and brought into income over the lesser of 20 years or the remaining term to maturity of the mortgage sold.	Mortgages are carried at amortized cost less repayments and an allowance for specific losses. Realized gains and losses are recognized in income immediately.
Stocks	Stocks are carried at a moving average market basis whereby carrying values are adjusted towards market value at 5% per quarter. Specific stocks are written down to fair value if an impairment in the value of the entire stock portfolio (determined net of deferred realized gains) is considered to be other than temporary. Realized gains and losses are deferred and brought into income at the rate of 5% of the unamortized deferred realized gains and losses each quarter.	Stocks may be classified as "available-for-sale" or "trading" securities. All stocks are classified as "available-for-sale" by the Company and are carried at fair value in the Consolidated Balance Sheets. Other than temporary declines in the value of stocks result in a write-down in the cost basis of the stocks and a charge to income in the period of recognition. Realized gains and losses are recognized in income immediately. Unrealized gains and losses, other than losses considered to be other than temporary, are excluded from income and reported net of tax in other comprehensive income, a component of equity.
Real estate	Real estate is carried at a moving average market basis whereby the carrying values are adjusted towards market value at 3% per quarter. Specific properties are written down to market value if an impairment in the value of the entire real estate portfolio (determined net of deferred realized gains) is considered to be other than temporary. Realized gains and losses are deferred and brought into income at the rate of 3% of the unamor- tized deferred realized gains and losses each quarter.	Real estate is carried at cost less accumulated depreciation. Specific properties are written down, taking into account discounted cash flows, if an impairment in the value of the property is considered to be other than temporary. Realized gains and losses are recognized in income immediately.
Actuarial liabilities	Actuarial liabilities for all types of policies are calculated using the Canadian Asset Liability Method (CALM) and represent the amount which, together with estimated future premiums and net investment income, will be sufficient to pay estimated future benefits, policyholder dividends, tax (other than income taxes) and expenses on policies in force. Actuarial liabilities are comprised of a best estimate reserve and provisions for adverse deviation. Best estimate reserve assumptions are made for the term of the liabilities and include assumptions with respect to mortality and morbidity trends, investment returns, rates of policy termination, policyholder dividend payments, operating expenses and certain taxes. To recognize the uncertainty in the assumptions underlying the calculation of best estimate reserves, to allow for possible deteriora- tion in experience and to provide greater comfort that actuarial liabilities are adequate to pay future benefits, the Appointed Actuary is required to add a margin to each assumption. These margins result in the calculation of provisions for adverse deviation, the impact of which is to increase actuarial liabilities and decrease the income that would otherwise be recognized when products are sold. Assumptions are updated regularly and the effects of any changes in assumptions are recognized in income immediately. The provisions for adverse deviations are recognized in income over the term of the liabilities as the risk of deviation from estimates declines.	There are three main standards for valuing actuarial liabili- ties as follows: Statement of Financial Accounting Standards No. 60, "Accounting and Reporting by Insurance Enterprises" ("SFAS 60") applies to non-participating insurance, including whole life and term insurance, payout annuities, disability insurance and certain reinsurance contracts. Actuarial liabilities are calculated using a net level premium method and represent the present value of future benefits to be paid to, or on behalf of, policyholders and related expenses, less the present value of future net premiums. The assumptions include expected investment yields, mortality, morbidity, terminations and maintenance expenses. A provi- sion for adverse deviation is also included. The assumptions are based on best estimates of long-term experience at the time of policy issue. The assumptions are not changed for future valuations unless it is determined that future income is no longer adequate to recover the existing Deferred Acquisition Cost ("DAC") asset, in which case the DAC asset is reduced or written off and, to the extent necessary, actuarial liabilities are increased. The actuarial liabilities may not subsequently be reduced if the circumstances causing the strengthening are no longer applicable. Statement of Financial Accounting Standards No. 97, "Accounting and Reporting by Insurance Enterprises for Certain Long-Duration Contracts and for Realized Gains and Losses from the Sale of Investments" ("SFAS 97") applies to universal life type contracts and investment contracts. The actuarial liability for these contracts is equal to the policyholder account value. There is no provi- sion for adverse deviation. If it is determined that future income for universal life type contracts is no longer

	Canadian GAAP	U.S. GAAP
Actuarial liabilities, continued		adequate to recover the existing DAC, the DAC asset is reduced or written off and, to the extent necessary, actuarial liabilities are increased. The actuarial liabilities may not subsequently be reduced if the circumstances causing the strengthening are no longer applicable. Statement of Financial Accounting Standards No. 120, "Accounting and Reporting by Mutual Life Enterprises and by Insurance Enterprises for Certain Long-Duration Participating Contracts" ("SFAS 120") applies to participat- ing insurance contracts. The actuarial liability for these contracts is computed using a net level premium method with mortality and interest assumptions consistent with the non-forfeiture assumptions. There is no provision for adverse deviation. The assumptions are not changed unless it is determined that future income is no longer adequate to recover the existing DAC, in which case the DAC asset is reduced or written off and, to the extent necessary, actuarial liabilities increased. The actuarial liabilities may not subsequently be reduced if the circumstances causing the strengthening are no longer applicable. In addition, in accordance with Emerging Issues Task Force Topic No. D-41 ("EITF D-41"), U.S. GAAP requires that actuarial liabilities be adjusted to reflect the changes that would have been necessary if the unrealized gains and loss- es not already provided for on bonds and stocks had been realized. This adjustment to actuarial liabilities is recognized directly in equity and is not included in income.
Deferred acquisition costs	The cost of acquiring new insurance and annuity business, consisting primarily of commissions and underwriting and issue expenses, is implicitly recognized as a reduction in actuarial liabilities for most policies.	Acquisition costs which vary with, and are primarily related to, the production of new business are deferred and recorded as an asset. This DAC asset is amortized into income in proportion to different measures, depending on the policy type. DACs associated with SFAS 60 policies are amortized and charged to income in proportion to premium income recognized. For non-participating limited payment policies, including annuities not classified as investment contracts, the DAC asset is amortized in proportion to the amount of the expected future benefit payments for payout annuities and in proportion to face amount for insurance contracts. DACs associated with SFAS 97 and SFAS 120 policies (i.e. universal life type contracts, investment contracts and par- ticipating insurance contracts) are amortized and charged to income in proportion to the estimated gross profit margins expected to be realized over the life of the contracts. Under SFAS 97 and SFAS 120, the assumptions used to estimate future gross profits change as experience emerges. In addition, EITF D-41 requires that DACs related to SFAS 97 and SFAS 120 contracts should be adjusted to reflect the changes that would have been necessary if the unrealized gains and losses on available-for-sale bonds and stocks had actually been realized. This adjustment to the DAC asset is recognized directly in equity and is not included in income.
Deferred revenue	All premium income is recorded as revenue. The anticipated costs of future services are included within the actuarial liabilities.	Under SFAS 97, fees assessed to policyholders relating to services that are to be provided in future years are recorded as deferred revenue. Deferred revenue is amortized to income in the same pattern as the amortization of the DAC asset.

	Canadian GAAP	U.S. GAAP
Derivatives	Derivatives are designated and effective as hedges if there is a high correlation between changes in market value of the derivative and the underlying hedged item at inception and over the life of the hedge. Realized and unrealized gains and losses on derivatives designated and effective as hedges are accounted for on the same basis as the underlying assets and liabilities. Realized and unrealized gains and losses on derivatives no longer considered hedges are included in income from the date they are no longer considered hedges.	All derivatives are reported in the Consolidated Balance Sheets at their fair values, with changes in fair values recorded in income or equity, depending on the nature and effectiveness of the hedge. Changes in the fair value of derivatives not designated as hedges will be recognized in current period earnings. Specific guidance is provided relating to the types of hedges, the measurement of hedge ineffectiveness, and hedging strategies.

# c) PRESENTATION DIFFERENCES BETWEEN CANADIAN GAAP AND U.S. GAAP:

	Canadian GAAP	U.S. GAAP
Premiums	All premium income is reported as revenue when due. A partially offsetting increase in actuarial liabilities for the related policies is recorded in the Consolidated Statements of Operations.	Under SFAS 60 and SFAS 120, gross premiums are reported as revenue when due. A partially offsetting increase in actuarial liabilities for the related policies is recorded in the Consolidated Statements of Operations. Premiums collected on SFAS 97 contracts are not reported as revenue in the Consolidated Statements of Operations but are recorded as deposits to policyholders' account
		balances. Fees assessed against policyholders' account bal- ances relating to mortality charges, policy administration and surrender charges are recognized as revenue.
Death, maturity and surrender benefits	All death, maturity and surrender benefits are reported in the Consolidated Statements of Operations when incurred. Additionally, to the extent these amounts have previously been provided for in actuarial liabilities, a corresponding release of actuarial liabilities is recorded in the Consolidated Statements of Operations.	For SFAS 60 and SFAS 120 contracts, all death, maturity and surrender benefits are reported in the Consolidated Statements of Operations when incurred. Additionally, to the extent these amounts have previously been provided for in actuarial liabilities, a corresponding release of actu- arial liabilities is recorded in the Consolidated Statements of Operations. For universal life type contracts and investment contracts accounted for under SFAS 97, benefits incurred in the period in excess of related policyholders' account balances are recorded in the Consolidated Statements of Operations.
Change in actuarial liabilities	Interest credited on policyholders' account balances is included in change in actuarial liabilities in the Consolidated Statements of Operations.	Interest required to support SFAS 97 contracts is included in actuarial liabilities in the Consolidated Balance Sheets and is classified in general expenses in the Consolidated Statements of Operations.
Segregated fund assets and liabilities	Investments held in segregated funds are carried at market value. Segregated funds are managed separately from those of the general fund of the Company and are, therefore, presented in a separate schedule and are not included in the general fund Consolidated Balance Sheets or Consolidated Statements of Operations.	Assets and liabilities are called separate accounts and are presented in summary lines in the Consolidated Balance Sheets. Assets and liabilities are carried at market values and contract values, respectively.
Consolidated statements of cash flows	The cash flows from investment contracts, including deferred annuities and group pensions, are disclosed as an operating activity in the Consolidated Statements of Cash Flows.	The cash flows from investment contracts accounted for under SFAS 97 are disclosed as a financing activity in the Consolidated Statements of Cash Flows.

	Canadian GAAP	U.S. GAAP
Reinsurance	Reinsurance recoverables relating to ceded life insurance risks and ceded annuity contract risks are recorded as an offset to actuarial liabilities.	Where transfer of risk has occurred, life insurance actuarial liabilities are presented as a gross liability with the reinsured portion included as reinsurance recoverable. Actuarial liabilities related to annuities are also presented on a gross basis with the reinsured portions accounted for as deposits with reinsurers.
Equity	Shares issued to policyholders are recorded at nominal value and shares issued in a treasury offering are recorded at proceeds received net of share issuance costs in the Consolidated Balance Sheets.	Surplus is reclassified to share capital net of share issuance costs. Shares issued in a treasury offering are recorded at proceeds received net of share issuance costs.

# d) CONDENSED CONSOLIDATED BALANCE SHEETS

The significant valuation, income recognition and presentation differences between Canadian and U.S. GAAP outlined in note 17 (b) and (c) would impact the Consolidated Balance Sheets as follows:

As at December 31				2002				2001
		Canadian GAAP		U.S. GAAP		Canadian GAAP		U.S.
Assets		GAAF		GAAP		GAAF		GAAP
Bonds	\$	46,677	\$	50,155	\$	46,070	\$	48,040
Mortgages	Ŧ	9,294	÷	9,182	÷	7,902	4	7,732
Stocks		6,898		5,799		6,964		6,657
Real estate		3,570		2,641		3,484		2,589
Policy loans		4,939		4,939		4,644		4,644
Cash and short-term investments		5,143		5,143		4,995		4,995
Other investments		1,041		864		693		619
Total invested assets	\$	77,562	\$	78,723	\$	74,752	\$	75,276
Other assets								
Accrued investment income	\$	1,010	\$	1,010	\$	1,041	\$	1,012
Outstanding premiums		558		558		482		482
Deferred acquisition costs		_		7,110		_		6,117
Future income taxes <sup>(1)</sup>		132		_		517		-
Reinsurance deposits and amounts recoverable		_		1,760		-		1,344
Miscellaneous		1,933		2,153		1,821		2,119
Total other assets	\$	3,633	\$	12,591	\$	3,861	\$	11,074
	\$	81,195	\$	91,314	\$	78,613	\$	86,350
Segregated funds net assets <sup>(2)</sup>		-		58,831		-		59,206
Total assets	\$	81,195	\$	150,145	\$	78,613	\$	145,556
Segregated funds net assets <sup>(2)</sup>	\$	58,831			\$	59,206		
Liabilities and equity								
Actuarial liabilities	\$	56,397	\$	65,450	\$	54,690	\$	62,294
Other policy-related benefits		5,528		5,996		5,113		5,553
Future income taxes <sup>(1)</sup>		-		592		-		97
Deferred realized net gains		3,297		_		3,583		
Banking deposits		1,437		1,437		769		769
Other liabilities		2,499		3,192		2,881		3,472
	\$	69,158	\$	76,667	\$	67,036	\$	72,185
Subordinated debt		1,436		1,436		1,418		1,418
Non-controlling interest in subsidiaries		1,059		1,075		1,064		1,080
Trust preferred securities issued by subsidiaries		794		794		802		802
Segregated funds net liabilities <sup>(2)</sup>		-		58,831		-		59,206
Common shares and retained earnings		8,748		9,930		8,293		9,870
Accumulated effect of comprehensive income on equity		-		1,412		-		995
Total liabilities and equity	\$	81,195	\$	150,145	\$	78,613	\$	145,556
Segregated funds net liabilities <sup>(2)</sup>	\$	58,831			\$	59,206		

(1) U.S. GAAP terminology is deferred income taxes.

(2) U.S. GAAP terminology is separate accounts.

# e) CONDENSED CONSOLIDATED STATEMENTS OF OPERATIONS

The significant valuation, income recognition and presentation differences between Canadian and U.S. GAAP outlined in note 17 (b) and (c) would impact the Consolidated Statements of Operations as follows:

For the years ended December 31		2002		2001
	Canadian	U.S.	Canadian	U.S.
	GAAP	GAAP	GAAP	GAAP
Revenue				
Premium income	\$ 10,779	\$ 6,533	\$ 10,247	\$ 6,086
Fee income	-	1,829	-	1,519
Investment income	4,235	4,005	4,479	3,964
Realized investment gains (losses)	-	(350)	-	132
Other revenue	1,518	237	1,505	583
Total revenue	\$ 16,532	\$ 12,254	\$ 16,231	\$ 12,284
Policy benefits and expenses				
Policyholder payments	\$ 10,363	\$ 7,154	\$ 11,034	\$ 7,378
Change in actuarial liabilities	307	694	(208)	(40)
General expenses	4,051	3,030	3,973	3,599
Non-controlling interest in subsidiaries	72	72	4	7
Trust preferred securities issued by subsidiaries	65	65	65	65
Total policy benefits and expenses	\$ 14,858	\$ 11,015	\$ 14,868	\$ 11,009
Income before income taxes	\$ 1.674	\$ 1,239	\$ 1,363	\$ 1,275
Income taxes	(304)	(266)	(196)	(194)
Net income	\$ 1,370	\$ 973	\$ 1,167	\$ 1,081
Weighted average number of common shares				
outstanding (in millions)	476	476	482	482
Weighted average number of diluted common shares				
outstanding (in millions)	479	479	486	486
Basic earnings per share	\$ 2.90	\$ 2.05	\$ 2.40	\$ 2.24
Diluted earnings per share	\$ 2.88	\$ 2.03	\$ 2.38	\$ 2.22

#### f) ADDITIONAL INFORMATION REQUIRED TO BE REPORTED UNDER U.S. GAAP

## (i) Fair value of actuarial liabilities of investment contracts

The fair value of actuarial liabilities of investment contracts as at December 31, 2002 was estimated at 16,931 (2001 – 16,678).

## (ii) Stock-based compensation

The Company uses the intrinsic value method of accounting for stock-based compensation.

The fair value of the deferred share units ("DSUs") is measured as the intrinsic value of the DSUs at the grant date and recognized over the vesting period.

Had the fair value method been used for all awards granted, net income for the year ended December 31, 2002 would have been reduced by 33 (2001 - 23), and both basic and diluted earnings per share reduced by 0.07 (2001 - 0.05).

## (iii) Derivative instruments and hedging activities

The Company adopted Statement of Financial Accounting Standards No. 133, "Accounting for Derivative Instruments and Hedging Activities," as amended by Statement of Financial Accounting Standards No. 138, on January 1, 2001.

For fair value hedges, the Company is hedging changes in the fair value of assets, liabilities or firm commitments with changes in fair values of the derivative instruments recorded in income. For cash flow hedges, the Company is hedging the variability of cash flows related to variable rate assets, liabilities or forecasted transactions. The effective portion of changes in fair values of derivative instruments is recorded in other comprehensive income and reclassified into income in the same period or periods during which the hedged transaction affects earnings. The Company estimates that deferred net losses of 37, included in other comprehensive income as at December 31, 2002 (2001 – 53), will be reclassified into earnings within the next twelve months. Cash flow hedges include hedges of certain forecasted transactions up to a maximum of 40 years. For a hedge of its net investment in a foreign operation, the Company is hedging the foreign currency exposure of a net investment in a foreign subsidiary with changes in fair values of derivative instruments recorded in the cumulative translation account.

# g) NEWLY ISSUED ACCOUNTING STATEMENTS

The U.S. Financial Accounting Standards Board ("FASB") issued Statement of Financial Accounting Standards No. 141, "Business Combinations," ("SFAS 141") and Statement of Financial Accounting Standards No. 142, "Goodwill and Other Intangible Assets" ("SFAS 142"). Both Statements were adopted by the Company effective for fiscal periods commencing January 1, 2002. SFAS 141 requires that all business combinations be accounted for using the purchase method and provides specific criteria for recognizing intangible assets separately from goodwill. Under SFAS 142, goodwill and intangible assets with an indefinite useful life are no longer amortized but are reviewed for impairment annually, or more frequently if impairment indicators arise. The Statements are consistent with the recently issued Canadian GAAP standards and therefore, there is no impact to the Company's reconciliation of Canadian GAAP financial statements to U.S. GAAP. The Company has reviewed the new standards and determined that goodwill is not impaired.

The FASB issued Interpretation No. 46, "Consolidation of Variable Interest Entities," which addresses consolidation of certain variable interest entities by their primary beneficiary. This interpretation is effective for the fiscal or interim period beginning after June 15, 2003 for variable interest entities acquired before February 1, 2003, and immediately for variable interest entities created after January 31, 2003. This interpretation is not expected to have a material impact.

## **NOTE 18** Comparatives

Certain comparative amounts have been reclassified to conform with the current year's presentation.

# SUPPLEMENTARY TABLES

# **TABLE 1** Key Performance Measures

As at and for the years ended December 31

(Canadian \$ in millions unless otherwise stat		2001	2000	1999	1998	1997	1996	1995	1994	1993	1992
Net income	1,370	1,167	1,068	866	710	743	503	481	281	187	85
Net operating income	1,370	1,167	1,068	866	710	624	503	372	281	187	85
Shareholders' net income <sup>(1)</sup>	1,378	1,159	1,075	874	710	743	503	481	281	187	85
Capital <sup>(2)</sup>	11,978	11,513	8,555	7,771	7,415	6,377	4,859	3,826	3,052	2,771	2,584
Operating return on shareholders'											
equity (%) <sup>(3)</sup>	16.2%	15.1%	16.1%	14.0%	12.9%	13.6%	12.4%	11.4%	9.6%	7.0%	3.3%
Capital <sup>(2)</sup> as a per cent of liabilities	17.3%	17.2%	16.7%	16.1%	16.2%	14.4%	11.5%	10.6%	8.2%	7.8%	8.0%

(1) For years prior to 2000, shareholders' net income refers to earnings from mutual operations (prior to demutualization) and net income attributed to shareholders (after demutualization).

(2) Capital includes total equity, subordinated debt, non-controlling interest in Manulife Financial Capital Trust and trust preferred securities issued by subsidiaries.

(3) Reported as operating return on surplus prior to demutualization.

### **TABLE 2** Summary Consolidated Statements of Operations

For the years ended December 31

(Canadian \$ in millions)	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992
Revenue											
Premium income	10,779	10,247	8,515	8,672	5,696	5,622	5,694	5,193	4,988	4,456	4,104
Investment income	4,235	4,479	4,350	4,369	4,123	4,010	3,734	3,231	2,882	2,853	2,744
Other revenue	1,518	1,505	1,287	1,015	792	574	447	212	218	151	102
Total revenue	16,532	16,231	14,152	14,056	10,611	10,206	9,875	8,636	8,088	7,460	6,950
Policy benefits and expenses											
Payments to policyholders											
and beneficiaries	9,431	10,134	7,654	6,608	6,385	6,508	5,883	5,132	4,678	3,764	3,239
Policyholder dividends and											
experience rating refunds	932	900	859	738	604	508	471	356	312	267	247
Change in actuarial liabilities	307	(208)	822	2,628	252	169	873	1,089	1,214	1,788	2,004
General expenses and commissions	3,697	3,611	3,277	2,703	2,118	1,868	1,693	1,220	1,204	1,058	996
Interest expense	243	257	191	179	158	156	161	203	243	281	297
Premium taxes	111	105	96	84	74	83	72	64	57	50	52
Non-controlling interest in subsidiaries	72	4	(151)	(114)	7	11	6	2	1	2	(3)
Trust preferred securities issued											
by subsidiaries	65	65	63	62	62	54	-	-	-	-	_
Total policy benefits and expenses	14,858	14,868	12,811	12,888	9,660	9,357	9,159	8,066	7,709	7,210	6,832
Income before preferred share											
dividends, unusual items											
and income taxes	1,674	1,363	1,341	1,168	951	849	716	570	379	250	118
Preferred share dividends	-	-	-	-	-	-	_	-	-	-	(16)
Unusual items	-	-	-	-	-	176	-	126	-	-	-
Income taxes	(304)	(196)	(273)	(302)	(241)	(282)	(213)	(215)	(98)	(63)	(17)
Net income	1,370	1,167	1,068	866	710	743	503	481	281	187	85
Net income (loss) attributed to:											
Participating policyholders											
(after demutualization)	(8)	8	(7)	(8)	-	-	-	-	-	-	-
Net income attributed to:											
Shareholders											
(after demutualization)	1,378	1,159	1,075	267	-	-	_	-	-	_	-
Mutual operations											
(prior to demutualization)	_		_	607	710	743	503	481	281	187	85
Adjusted shareholders' net income	1,378	1,159	1,075	874	710	743	503	481	281	187	85
Net income	1,370	1,167	1,068	866	710	743	503	481	281	187	85
	-										

# TABLE 3 Summary Consolidated Balance Sheets

As at December 31											
(Canadian \$ in millions)	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992
Assets											
Bonds	46,677	46,070	33,270	30,853	30,691	28,662	25,627	21,259	18,452	16,763	14,805
Mortgages	9,294	7,902	7,174	6,867	7,702	7,809	8,106	6,917	8,555	9,368	9,565
Stocks	6,898	6,964	4,621	4,832	4,042	3,529	2,796	2,592	2,954	2,684	2,260
Real estate	3,570	3,484	3,262	3,179	2,992	2,806	3,044	2,888	3,350	3,395	3,275
Policy loans	4,939	4,644	3,616	3,207	3,137	2,663	2,354	1,973	1,856	1,651	1,425
Cash and short-term investments	5,143	4,995	3,783	3,047	1,329	1,842	2,600	1,792	2,683	2,447	1,554
Other investments	1,041	693	884	1,180	499	479	292	173	209	368	557
Total invested assets	77,562	74,752	56,610	53,165	50,392	47,790	44,819	37,594	38,059	36,676	33,441
Other assets	3,633	3,861	3,457	3,543	2,710	2,733	2,424	2,268	2,168	1,818	1,459
Total assets	81,195	78,613	60,067	56,708	53,102	50,523	47,243	39,862	40,227	38,494	34,900
Liabilities											
Actuarial liabilities	56,397	54,690	41,384	39,748	38,738	37,227	36,248	31,257	31,296	29,028	26,666
Other liabilities	12,761	12,346	9,829	8,439	6,873	6,865	6,088	4,759	5,863	6,678	5,635
Subordinated debt	1,436	1,418	588	582	627	581	566	341	_	-	-
Non-controlling interest											
in subsidiaries	1,059	1,064	299	750	76	54	48	20	16	17	15
Trust preferred securities issued											
by subsidiaries	794	802	756	735	783	728	-	-	-	-	-
Total equity <sup>(1)</sup>	8,748	8,293	7,211	6,454	6,005	5,068	4,293	3,485	3,052	2,771	2,584
Total liabilities and equity	81,195	78,613	60,067	56,708	53,102	50,523	47,243	39,862	40,227	38,494	34,900

(1) Reported as surplus prior to demutualization.

# **TABLE 4** Summary Consolidated Statements of Equity<sup>(1)</sup>

# For the years ended December 31

(Canadian \$ in millions)	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992
Balance, January 1	8,293	7,211	6,454	6,005	5,068	4,293	3,485	3,052	2,771	2,584	2,162
Net income for the year	1,370	1,167	1,068	866	710	743	503	481	281	187	85
Shareholder dividends	(285)	(231)	(193)	-	-	-	_	_	-	-	-
Adjustment to equity <sup>(1)</sup>	-	-	_	-	-	(48)	321	_	-	-	337
Conversion costs	-	-	-	(31)	-	_	-	-	-	-	-
Cash distributions to policyholders	-	-	-	(694)	-	_	-	-	-	-	-
Issue of common shares	8	2	-	694	-	-	-	-	-	-	-
Initial public offering costs	-	-	-	(58)	-	-	-	-	-	-	-
Purchase and cancellation of											
common shares	(726)	-	(206)	(128)	-	-	-	-	-	-	-
Transfer of participating policyholders	5'										
retained earnings on acquisition	38	-	-	-	-	-	-	-	-	-	-
Issuance costs	-	(12)	-	-	-	-	-	-	-	-	-
Change in Currency											
Translation Account	50	156	88	(200)	227	80	(16)	(48)	-	-	-
Balance, December 31	8,748	8,293	7,211	6,454	6,005	5,068	4,293	3,485	3,052	2,771	2,584

(1) Reported as surplus prior to demutualization.

# TABLE 5 Funds under Management

As at December 31											
(Canadian \$ in millions)	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992
Funds under management by category											
General fund	81,195	78,613	60,067	56,708	53,102	50,523	47,243	39,862	40,227	38,494	34,900
Segregated funds	58,831	59,206	54,908	49,055	38,200	27,018	18,553	5,532	5,445	4,012	2,734
Mutual funds	2,167	1,653	1,563	1,641	1,708	2,125	2,782	934	746	563	441
Securitized funds	-	-	-	-	-	-	-	-	4,622	4,477	3,696
Other managed funds <sup>(1)</sup>	3,982	2,710	6,982	4,732	3,680	2,652	2,944	330	279	-	_
Total	146,175	142,182	123,520	112,136	96,690	82,318	71,522	46,658	51,319	47,546	41,771

(1) Other managed funds included Seamark Asset Management Ltd. ("Seamark") third party managed funds of \$4,288, \$3,074, \$2,314, \$1,797 and \$931 as at December 31, 2000, 1999, 1998, 1997 and 1996, respectively. Disposition of a portion of the Company's controlling interest in Seamark occurred in July 2001, at which time the Company ceased consolidation of the assets and liabilities and results of operations of Seamark and commenced accounting for this investment on an equity basis.

# TABLE 6 Premiums and Deposits by Line of Business and Geographic Territory

For the years ended December 31						-					
(Canadian \$ in millions)	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992
General fund premiums by line of business											
Life and health insurance	7,279	6,594	5,284	5,552	3,953	3,758	3,743	3,089	2,836	2,541	2,295
Annuities and pensions	2,437	2,862	2,463	2,304	994	1,067	1,298	1,535	1,598	1,417	1,408
Reinsurance	1,063	791	768	816	749	797	653	569	554	498	401
Total	10,779	10,247	8,515	8,672	5,696	5,622	5,694	5,193	4,988	4,456	4,104
General fund premiums by geographic territory											
United States	3,897	4,187	3,652	3,498	2,276	2,202	2,181	2,152	2,241	2,373	2,161
Canada	3,237	2,963	2,540	3,347	2,292	2,294	2,549	2,142	1,963	1,548	1,459
International	3,645	3,097	2,323	1,825	1,120	1,121	964	806	685	438	367
Divested operations	-	-	-	2	8	5	-	93	99	97	117
Total	10,779	10,247	8,515	8,672	5,696	5,622	5,694	5,193	4,988	4,456	4,104
Segregated fund deposits by geographic territory											
United States	14,229	11,790	12,650	9,031	6,837	5,376	3,365	931	670	385	214
Canada	1,283	1,190	1,681	1,347	1,730	1,418	757	323	671	488	204
International	1,501	1,064	446	331	279	232	169	113	78	57	37
Divested operations	-	-	-	-	-	-	-	37	171	162	161
Total	17,013	14,044	14,777	10,709	8,846	7,026	4,291	1,404	1,590	1,092	616

# TABLE 7 Quarterly Information – Summary Consolidated Statements of Operations

For the three months ended

12/21/02	0/20/02	6/20/02	2/21/02	12/21/01	0/20/01	C/20/01	3/31/01
12/31/02	9/30/02	0/30/02	5/51/02	12/51/01	9/50/01	0/50/01	5/5 1/01
	-		-	1	'		2,116
	-		-				1,001
392	378	371	377	401	401	357	346
4,320	4,235	3,963	4,014	4,492	4,195	4,081	3,463
2,305	2,054	2,390	2,682	2,676	2,981	2,549	1,928
247	239	237	209	239	253	215	193
208	554	(126)	(329)	37	(237)	(69)	61
1,000	878	902	917	989	872	895	855
63	67	59	54	68	66	57	66
27	28	28	28	28	25	28	24
17	17	19	19	7	-	2	(5)
16	16	16	17	16	17	16	16
3,883	3,853	3,525	3,597	4,060	3,977	3,693	3,138
437	382	438	417	432	218	388	325
(68)	(58)	(95)	(83)	(96)	31	(80)	(51)
369	324	343	334	336	249	308	274
(3)	(3)	(1)	(1)	_	1	3	4
372	327	344	335	336	248	305	270
369	324	343	334	336	249	308	274
17.2%	15.2%	5 16.1%	16.3%	16.4%	12.6%	16.2%	15.0%
17.3%	17.2%	5 <b>17.9</b> %	17.4%	17.2%	15.1%	14.9%	18.3%
	2,305 247 208 1,000 63 27 17 16 3,883 437 (68) 369 (3) 372 369 17.2%	2,765         2,826           1,163         1,031           392         378           4,320         4,235           2,305         2,054           247         239           208         554           1,000         878           63         67           27         28           17         17           16         16           3,883         3,853           437         382           (68)         (58)           369         324           (3)         327           369         324           17.2%         15.2%	2,765         2,826         2,668           1,163         1,031         924           392         378         371           4,320         4,235         3,963           2,305         2,054         2,390           247         239         237           208         554         (126)           1,000         878         902           63         67         59           27         28         28           17         17         19           16         16         16           3,883         3,853         3,525           437         382         438           (68)         (58)         (95)           369         324         343           (3)         (3)         (1)           372         327         344           369         324         343           17.2%         15.2%         16.1%	2,765         2,826         2,668         2,520           1,163         1,031         924         1,117           392         378         371         377           4,320         4,235         3,963         4,014           2,305         2,054         2,390         2,682           247         239         237         209           208         554         (126)         (329)           1,000         878         902         917           63         67         59         54           27         28         28         28           17         17         19         19           16         16         16         17           3,883         3,853         3,525         3,597           437         382         438         417           (68)         (58)         (95)         (83)           369         324         343         334           (3)         (3)         (1)         (1)           372         327         344         335           369         324         343         344           17.2%         15.2%	2,765       2,826       2,668       2,520       2,802         1,163       1,031       924       1,117       1,289         392       378       371       377       401         4,320       4,235       3,963       4,014       4,492         2,305       2,054       2,390       2,682       2,676         247       239       237       209       239         208       554       (126)       (329)       37         1,000       878       902       917       989         63       67       59       54       68         27       28       28       28       28         17       17       19       19       7         16       16       16       17       16         3,883       3,853       3,525       3,597       4,060         437       382       438       417       432         (68)       (58)       (95)       (83)       (96)         369       324       343       334       336         (3)       (3)       (1)       (1)       -         372       327       344<	2,765         2,826         2,668         2,520         2,802         2,771           1,163         1,031         924         1,117         1,289         1,023           392         378         371         377         401         401           4,320         4,235         3,963         4,014         4,492         4,195           2,305         2,054         2,390         2,682         2,676         2,981           247         239         237         209         239         253           208         554         (126)         (329)         37         (237)           1,000         878         902         917         989         872           63         67         59         54         68         66           27         28         28         28         28         25           17         17         19         19         7         -           16         16         16         17         16         17           3,883         3,853         3,525         3,597         4,060         3,977           437         382         438         417         432	2,765       2,826       2,668       2,520       2,802       2,771       2,558         1,163       1,031       924       1,117       1,289       1,023       1,166         392       378       371       377       401       401       357         4,320       4,235       3,963       4,014       4,492       4,195       4,081         2,305       2,054       2,390       2,682       2,676       2,981       2,549         247       239       237       209       239       253       215         208       554       (126)       (329)       37       (237)       (69)         1,000       878       902       917       989       872       895         63       67       59       54       68       66       57         27       28       28       28       28       28       28       16         17       17       19       19       7       -       2       16         3,883       3,853       3,525       3,597       4,060       3,977       3,693         437       382       438       417       432       218

# SOURCE OF EARNINGS

Manulife uses the Source of Earnings to identify the primary sources of gains or losses in each reporting period. It is one of the key tools in understanding and managing our business.

In the Source of Earnings, the components of the business are attributed to one of six categories: expected profit from in force business, the impact of new business, experience gains or losses comparing actual to expected outcomes, the impact of changes in actuarial assumptions, earnings on surplus funds and the cost of taxes. In aggregate, these elements generated the published \$1,378 million in shareholders' net income in 2002.

The expected profit from in force business represents the formula-driven release of Provisions for Adverse Deviation ("PfADs") on the non-fee income insurance businesses and the expected annual income on fee businesses.

Writing new business creates economic value but Manulife follows conservative actuarial practices and establishes strong initial reserves on new business. Consequently, the Company reported an overall loss in the income statement from new business in the first year. The value created by the new business is reflected in the embedded value calculation. In the financial statements, this value was offset by the conservative PfADs in the actuarial reserves. The impact of new business also includes any acquisition expenses that are not fully covered by the product pricing at time of issue.

The experience gains or losses arise from items such as claims, investment returns and expenses, where the actual experience in the current period differs from the expected results assumed in the actuarial reserves or where the current period fee income differs from the amount expected due to investment market performance. The Company believes its expected assumptions are prudent. This is consistent with a history of favourable experience variances.

Future assumption changes in the actuarial reserves flow through the income statement and are reflected in the changes in actuarial assumptions line.

Earnings on surplus funds reflect the actual investment returns on the assets supporting the Company's surplus (capital). These assets comprise a diversified portfolio and returns will vary in harmony with the underlying asset categories.

Income taxes represent the tax charges to our earnings based on the varying tax rates in the jurisdictions in which we conduct business.

Manulife's shareholders' net income increased to \$1,378 million in 2002 from \$1,159 million the previous year.

(Canadian \$ in millions)	2002	2001	2000	1999	1998
Expected profit from in force business Impact of new business	\$ 1,068 (119)	\$ 918 (195)	\$ 805 (82)	\$ 747 (242)	\$ 665 (99)
Experience gains Changes in actuarial methods and assumptions Earnings on surplus funds	215 (9) 527	118 (131) 645	69 (93) 649	136 (3) 538	11 (24) 398
Income before income taxes Income taxes	\$ 1,682 (304)	\$ 1,355 (196)	\$ 1,348 (273)	\$ 1,176 (302)	\$ 951 (241)
Net income attributed to shareholders	\$ 1,378	\$ 1,159	\$ 1,075	\$ 874	\$ 710

# SOURCE OF EARNINGS

For the years ended December 31

# **EMBEDDED VALUE**

Manulife Financial's embedded value represents the value of shareholders' equity plus an estimated value of the Company's in force business. The calculation values the future profit stream from the in force business adjusted for the cost of regulatory capital deployed to support this business. As at December 31, 2002, Manulife's embedded value was more than \$15 billion.

The actual value of the Company (from an investor's perspective) is measured by the value of the Company's shares on any particular day. In valuing the Company's shares, investors take into account the value of shareholders' equity, the value of the in force business, the value of future business (i.e., the franchise value), and other considerations.

During the fourth quarter of 2002, Manulife's market value, measured by its market capitalization, ranged from \$13.0 billion to \$18.4 billion. Normally, the embedded value of a company would be less than its market value because the embedded value excludes the value of future business.

## EMBEDDED VALUE

#### For the years ended December 31

(Canadian \$ in millions)	2002	2001	2000
Embedded value as at January 1 Interest on year-start embedded value New business	\$ 14,000 1,190 664 118	\$ 11,300 1,090 580 850	\$ 9,900 1,000 600
Acquisitions Equity market impact Other experience variances and	(1,206)	(970)	_
assumption changes Discount rate changes Currency adjustment	453 774 24	620 360 400	
Embedded value before shareholder dividends and share repurchases Shareholder dividends Share repurchases	\$ 16,017 (285) (718)	\$ 14,230 (230) –	\$ 11,500 (200) –
Embedded value as at December 31	\$ 15,014	\$ 14,000	\$ 11,300
(Canadian \$ in millions unless otherwise stated)	2002	2001	2000
Embedded value before shareholder dividends and share repurchases as at December 31 Embedded value per share before shareholder dividends and share	\$ 16,017	\$ 14,230	\$ 11,500
repurchases as at December 31 Annual growth rate	\$ 33.22 14%	\$ 29.50 26%	\$ 23.85

The principal economic assumptions used in the embedded value calculations were as follows:

	Canada	U.S.	U.S. Hong Kong		
MCCSR ratio	150%	150%	150%	, 0	150%
Discount rate	8.75%	8.00%	9.00%	, 0	6.00%
Currency conversion					
rates (C\$)	\$	1.58	\$ 0.20	\$	0.013
Income tax rate	36%	35%	Included in		36%
	decreasing		premium		
	to 31%		taxes		

Discount rates have been derived from government bond rates in the respective countries, plus risk premiums varying from four per cent to five per cent. Higher discount rates were used in some Asian businesses.

Embedded value has been calculated using the financial position of the Company as at June 30, 2002 projected to December 31, 2002, allowing for the actual change in key elements such as the market value of securities, new business contributions and in force policy experience. The future stream of profits has been calculated on a Canadian GAAP basis in all countries using assumptions consistent with those used in the calculation of the actuarial liabilities. The Company's target equity/debt structure has been utilized, which assumes that 25 per cent of the capital is in the form of debt.

# SUBSIDIARY LISTING

-	wnership ercentage	Equity Interest	Address	Description
ANULIFE FINANCIAL CORPORATION			Toronto, Canada	Publicly traded stock life insurance company
The Manufacturers Life Insurance Company	100	\$ 767	Toronto, Canada	Leading Canadian-based financial services company that offers a diverse range of financial protection products and wealth management services
The Manufacturers Investment Corporation	100	4,813	Bloomfield Hills, Michigan, U.S.A.	Holding company
The Manufacturers Life Insurance Company (U.S.A	.) 100			U.Sbased life insurance company that provides individual life insurance, annuities, group pension products and reinsurance
The Manufacturers Life Insurance Company of New York	100			Provides group pension, individual annuities and l insurance products in the State of New York
Manufacturers Securities Services, LLC	100			Investment advisor
Manulife Reinsurance Limited	100			Provides financial reinsurance
Manulife Holdings (Bermuda) Limited	100	450	Hamilton, Bermuda	Holding company
Manufacturers P&C Limited	100			Provides property & casualty and financial reinsura
Manulife International Holdings Limited	100	1,237	Hamilton, Bermuda	Holding company
Manulife (International) Limited	100			Hong Kong life insurance company
Manulife-Sinochem Life Insurance Co. Ltd.	51			Chinese life insurance company
Manulife Funds Direct (Barbados) Limited	100			Holding company
Manulife Asset Management (Hong Kong) Limit	ed 100			Mutual fund marketing, investment management advisory company
Manulife Bank of Canada	100	59	Waterloo, Canada	Provides integrated banking products and service options not available from an insurance company
Manulife Canada Ltd.	100	110	Waterloo, Canada	Canadian life insurance company
FNA Financial Inc.	100	22	Toronto, Canada	Holding company
Elliott & Page Limited	100			Investment counseling, portfolio and mutual fund manager and mutual fund dealer
First North American Insurance Company	100	6	Toronto, Canada	Canadian property and casualty insurance compare
NAL Resources Management Limited	100	5	Calgary, Canada	Management company for oil and gas properties
3550435 Canada Inc.	100	166	Waterloo, Canada	Holding company
MFC Insurance Company Limited	100			Canadian life insurance company
Manulife Securities International Ltd.	100	-	Waterloo, Canada	Mutual fund dealer for Canadian Operations
Manulife International Capital Corporation Limit	<b>ed</b> 100	33	Toronto, Canada	A specialized financing corporation and holding company
Regional Power Inc.	80			Operator of hydro-electric power projects
MLI Resources Inc.	100	834	Calgary, Canada	Holding company for oil and gas assets and Japanese operations
Manulife Life Insurance Company	100			Japanese life insurance company
P.T. Asuransi Jiwa Manulife Indonesia	71	30	Jakarta, Indonesia	Indonesian life insurance company
The Manufacturers Life Insurance Co. (Phils.), Ir	<b>ic.</b> 100	51	Manila, Philippines	Philippines life insurance company
Manulife (Singapore) Pte. Ltd.	100	34	Singapore	Singapore life insurance company
Manulife (Vietnam) Limited	100	21	Ho Chi Minh City, Vietnam	Vietnamese life insurance company
Manulife Europe Ruckversicherungs- Aktiengesellschaft	100	55	Cologne, Germany	European property and casualty reinsurance company
MFC Global Fund Management (Europe) Limite	<b>d</b> 100	8	London, England	Investment management company for Manulife Financial's international funds
Manulife European Holdings (Alberta) Limited	100	33	Calgary, Canada	Holding company for European financing subsidia
tal		\$8,734		

# **CORPORATE GOVERNANCE PRACTICES**

"Independence of	The corporate governance practices of the Company meet or exceed the standards set
the Board and its	out by the Toronto Stock Exchange, the New York Stock Exchange and the provisions of the U.S. Sarbanes-Oxley Act. This was recognized in October when the Company
Chairman is the	received the award for "Best Corporate Governance Practices" from The Globe and Mail and again in December when the Canadian Institute of Chartered Accountants and the
first line of defense	National Post presented Manulife Financial with the "Award for Excellence in Corporate Governance Disclosure."
in corporate	In making its award, The Globe and Mail praised Manulife Financial for its highly inde-
governance."	pendent board and strong requirement for share ownership by Directors and the Chief Executive Officer. It also conferred a high rating on the Company's extensive disclosure of key information and the equal treatment of all shareholders in terms of voting rights. "An effective Board is a team with a diversity of skills and strengths that complement each other," says Arthur Sawchuk, Chairman of the Board. "Independence of the Board and its

Chairman is the first line of defense in corporate governance."

#### MANULIFE FINANCIAL PRACTICE

(Adapted from the TSX Guidelines)

GUIDELINE

The Board's independence is fundamental to its stewardship role and to its effectiveness

- The role of the Board is one of stewardship and to act in the best interests of the Company. In doing so, the mandate of the Board is to supervise the management of the business and affairs of the Company.
- The mandate of the Board is presented in the Company's Administrative Resolutions and detailed in the Company's Directors' Manual: Duties and Responsibilities of the Board of Directors (the "Directors' Manual").
- The key to fulfilling its oversight role is the Board's independence. All but one of the Board members are "unrelated." Mr. D'Alessandro, the Company's President and Chief Executive Officer, is not unrelated<sup>(1)</sup>.
- All other Directors, including all Directors who are members of Board Committees, also meet the independence standards as set out in the New York Stock Exchange ("NYSE") corporate governance rule proposals (the "NYSE Rules") and the Sarbanes-Oxley Act of 2002 ("SOX")<sup>(2)</sup>.
- The roles of Chairman and Chief Executive Officer are separate. The Chairman of the Board, Mr. Sawchuk, is a non-employee Director who has never been an employee of the Company.
- An agenda item following each Board meeting is an in camera session, at which no members of management are present. Board Committees also hold in camera sessions.
- The Board and its Committees may retain outside advisors at the Company's expense, as they deem necessary. Individual Directors may also retain outside advisors, at the Company's expense, to provide advice on any matter before the Board or a Board Committee with the approval of the Corporate Governance and Nominating Committee ("Governance Committee").
- (1) As defined by the Toronto Stock Exchange ("TSX"), an "unrelated" director is a director who is independent of management and free from any interest and any business or relationship which could, or could reasonably be perceived to, materially interfere with the director's ability to act with a view to the best interests of the company, other than interests and relationships arising from shareholding.
- (2) As defined in the NYSE Rules, an "independent" director is a director who management has affirmatively determined has no material relationship with the company (either directly or as a partner, shareholder or officer of an organization that has a relationship with the company). In addition, no director who (i) is a former employee of the company; (ii) is a former employee of the company's auditor; (iii) was an employee of a company for which an executive officer of the company served on that company's audit committee concurrent with that director's employment with that company; or (iv) has an immediate family member in the foregoing categories, can be considered independent until five years after such affiliation or relationship has terminated.

As defined by SOX, to be determined "independent," a director may not accept any consulting, advisory or other compensatory fee from the listed company, or be an affiliated person of the listed company or any subsidiary thereof, other than in such person's capacity as a member of the board of directors or any committee thereof.

# GUIDELINE

(Adapted from the TSX Guidelines)

## MANULIFE FINANCIAL PRACTICE

Accountabilities for the Board, its Committees, the Chairman, the Chief Executive Officer and individual Directors	<ul> <li>The Board, together with the President and Chief Executive Officer, has enacted specific guidelines defining the scope of duties and expectations of the Board, the Board Committees and those of management. Policies that include specific quantitative limits and criteria outline decisions requiring prior approval of the Board.</li> <li>The Governance Committee is responsible for overseeing the Company's corporate governance policies, practices and procedures.</li> <li>The Governance Committee conducts regular effectiveness reviews of the Board, the Board Committees, the Chairman and individual Directors.</li> <li>Position descriptions for the Chairman, the Chief Executive Officer and individual Directors have been developed. These are outlined in the Directors' Manual.</li> <li>The Governance Committee conducts a thorough annual performance review of the Chief Executive Officer and, working with him, sets his objectives for the coming year that then must be approved by the full Board. His performance is evaluated relative to these objectives, and to Manulife Financial's overall performance for its shareholders.</li> </ul>
The role of Committees in helping the Board fulfill its responsibilities	<ul> <li>The Board relies heavily on its Committees to fulfill its mandate and meet its responsibilities. Committees of the Board allow Directors to share responsibility and devote the necessary resources to a particular area or issue.</li> <li>Committees have specific terms of reference, are composed entirely of unrelated Directors, and regularly hold in camera meetings without management present. Charters for each Committee have been adopted.</li> <li>The Board and each of its Committees prepare annual objectives, plans and agendas.</li> <li>Committee Chairs report on each of their meetings and seek approvals as required from the Board.</li> <li>The Board has decided that, beginning in 2004, Audit and Risk Management Committee ("Audit Committee") meetings will be held two to three days in advance of Board meetings at which financial statements will be presented for approval. In this way, the Audit Committee will have more time to deliberate on the Company's financial results and be able to make adjustments or changes, as necessary, before delivering its report to the Board.</li> <li>Reviews of the structure, mandates and composition of the Committees are conducted regularly. The last such review resulted in the realignment of the membership of the Committees. Committee memberships can be found in the section "Board of Directors."</li> </ul>
The Board's role in providing oversight of Manulife Financial's strategic direction	<ul> <li>The Board has ultimate oversight for reviewing Manulife Financial's strategies and plans, and monitoring performance in executing its strategies and meeting its plan objectives.</li> <li>Each year, after consultations and meetings with management, the Board reviews and approves strategic plans for the Company and its divisions and related opportunities and risks to the Company. The Board considers issues relating to the Company's lines of business and reviews its allocation of resources to those lines of business.</li> <li>The Board receives regular updates from the Chief Executive Officer and management on strategic developments and on the Company's performance vis-à-vis the strategic plan, and ensures plans are adjusted to reflect new conditions or environmental factors.</li> <li>The Board also reviews and approves financial statements, major investments, the raising of capital, organizational restructuring and other items of significance such as mergers, acquisitions and divestitures.</li> </ul>
Considering Manulife Financial's principal risks, risk management and internal controls	<ul> <li>The Board considers all principal risks facing Manulife Financial, as well as measures to manage these risks. The Audit Committee ensures that comprehensive policies, risk management policies and internal control systems are in place to mitigate the Company's exposures.</li> <li>Manulife Financial's risk policies, risk management processes, internal controls and management information systems are updated on a regular basis to ensure they match the Company's risk profile and comply with regulatory requirements.</li> <li>As required by SOX, the Chief Executive Officer and the Chief Financial Officer certify the annual financial statements and evaluate and report on the effectiveness of the Company's disclosure controls and procedures.</li> <li>The Audit Committee charter was approved by the Audit Committee and ratified by the Board. The Audit Committee charter complies with the requirements for TSX and NYSE-listed companies and SOX.</li> <li>The Audit Committee has direct communication, including in camera meetings, with the internal auditor, independent auditor and Appointed Actuary, as well as with Manulife Financial's principal regulator, the Office of the Superintendent of Financial Institutions (Canada).</li> </ul>

### GUIDELINE

(Adapted from the TSX Guidelines)

### MANULIFE FINANCIAL PRACTICE

Succession planning (including appointing and monitoring senior management)	<ul> <li>The Management Resources and Compensation Committee ("Management Resources Committee") oversees Manulife Financial's human resources strategy. It conducts an annual review of the senior management succession planning process and plans, and global corporate leadership development programs.</li> <li>The Management Resources Committee approves the appointment of senior management and reviews the annual performance of senior executives.</li> </ul>
Board size and composition are important to its effectiveness	<ul> <li>The Board believes that its roster is effective and provides a diversity of experience and viewpoints.</li> <li>Working with the Governance Committee, and approved by the Board, the Chairman is charged with leading the process of developing an analytical framework for assessing desired competencies, skills, background and personal qualities that should be sought in new Board members.</li> </ul>
Director selection and nomination	<ul> <li>The Governance Committee defines the requisite skills and experience required of Directors and nominates candidates to the Board for election by the shareholders.</li> <li>The Governance Committee analyzes the Board's desired expertise and background profile to ensure broadly based and diverse experience that will support the Company's strategy and operations. This allows the Governance Committee and the Board to nominate qualified individuals.</li> <li>Prior to joining the Board, a prospective Director meets with the Chairman and the Chief Executive Officer to discuss the role of the Board, the role of the Committees and their expectation of the contribution of the Director, including the time and effort required to be effective.</li> </ul>
Equipping Directors to fulfill their roles – Director orientation/ education	<ul> <li>The Company maintains an orientation program for new Directors, as well as an ongoing continuing education program for all Directors.</li> <li>As part of the continuing education program, Directors' Seminars help Directors better understand the Company's strategies, operations, and external business environment.</li> <li>The Directors' Manual is a comprehensive reference source about the Company. Regularly updated, the Directors' Manual is also given to corporate officers with governance-related responsibilities.</li> </ul>
Board, Committee and individual Director evaluation	<ul> <li>The Board has completed its latest biennial assessment, which included analysis of results and recommendations for improved Board, Committee and Director effectiveness. Results are reviewed by the Governance Committee and the full Board.</li> <li>The Chairman meets individually with Directors, as well as the full Board, to plan the implementation of recommendations. The Governance Committee monitors progress. The Chairman, with the Governance Committee, is charged with responsibility for these assessments.</li> </ul>
Director compensation – providing a long-term orientation	<ul> <li>Directors are required to hold an equity position in the Company having a minimum value of five times the \$30,000 annual retainer within five years of joining the Board. The Board believes this helps align Directors' objectives with those of the shareholders and allows the Company to attract and retain talented and experienced Directors.</li> <li>The Board undertakes a biennial review of Director compensation to ensure that it meets the objective of properly aligning the interests of Directors with long-term shareholder interests.</li> </ul>
Ensuring integrity of communications between Manulife Financial and its stakeholders, including the treatment and release of Company information	<ul> <li>Manulife Financial has in place policies relating to the treatment and disclosure of information about the Company on a timely, accurate, understandable and broadly disseminated basis, as required by applicable laws. Information relating to the Company is reviewed by a group that includes the Legal, Investor Relations ("IR") and Corporate Communications departments and senior management, and others as required, for a determination of materiality and, if appropriate, public disclosure.</li> <li>The Board, with help from the Audit Committee, approves annual and quarterly reports on the Company's performance, as well as material public communications.</li> <li>The Governance Committee has developed a process to consider shareholder proposals.</li> <li>The Company has reviewed its disclosure policies and practices to ensure full, fair and timely disclosure of information. The Company shares information with individual shareholders, institutional investors and financial analysts through its IR department, and to the media through its Corporate Communications department.</li> <li>The IR department reports at each Board meeting on share performance, issues raised by shareholders and analysts, the Company's institutional shareholder base, and a summary of recent IR activities.</li> <li>The Company's Web site www.manulife.com features Web casts of the quarterly investor conference calls and presentations made by senior management to the investment community, as well as annual reports and other investor information.</li> </ul>

# **BOARD OF DIRECTORS**



Effective as at March 5, 2003

"Director Since" refers to the year of first election to the Board of Directors of The Manufacturers Life Insurance Company. The Committees listed are those on which the Directors serve for Manulife Financial Corporation, not including Special Committees.

- Audit and Risk Management
- Conduct Review and Ethics
- Corporate Governance and Nominating
- Management Resources and Compensation

**STANDING (LEFT TO RIGHT):** Gail C.A. Cook-Bennett, Allister P. Graham, Pierre Y. Ducros, Hugh W. Sloan, Jr., Michael H. Wilson, Thomas E. Kierans, Gordon G. Thiessen, Dominic D'Alessandro, Kevin E. Benson

SITTING (LEFT TO RIGHT): Lino J. Celeste, Robert E. Dineen, Jr., John M. Cassaday, Arthur R. Sawchuk, Lorna R. Marsden

#### ARTHUR R. SAWCHUK ●◆■▲

Chairman Manulife Financial Toronto, ON, Canada Director Since: 1993

#### DOMINIC D'ALESSANDRO

President and Chief Executive Officer Manulife Financial

Toronto, ON, Canada

# Director Since: 1994

**KEVIN E. BENSON** •• President and Chief Executive Officer Laidlaw Inc. Naperville, IL, U.S.A. Director Since: 1995

#### JOHN M. CASSADAY

President and Chief Executive Officer Corus Entertainment Inc. Toronto, ON, Canada Director Since: 1993

## LINO J. CELESTE

Corporate Director Saint John, NB, Canada Director Since: 1994

#### GAIL C.A. COOK-BENNETT

Chairperson Canada Pension Plan Investment Board Toronto, ON, Canada Director Since: 1978

Partner

#### ROBERT E. DINEEN, JR.

Shearman & Sterling New York, NY, U.S.A. Director Since: 1999

## PIERRE Y. DUCROS

President P. Ducros & Associates Inc. Montreal, QC, Canada Director Since: 1999

## ALLISTER P. GRAHAM ••

Chairman Nash Finch Company Minneapolis, MN, U.S.A. Director Since: 1996

## THOMAS E. KIERANS ••

Chairman The Canadian Institute for Advanced Research Toronto, ON, Canada Director Since: 1990

#### LORNA R. MARSDEN 🔺

President and Vice-Chancellor York University Toronto, ON, Canada Director Since: 1995

# HUGH W. SLOAN, JR. 📥

Deputy Chairman The Woodbridge Group Troy, MI, U.S.A. Director Since: 1985

# GORDON G. THIESSEN ••

Chair Canadian Public Accountability Board Ottawa, ON, Canada Director Since: 2002

#### MICHAEL H. WILSON ••

President and Chief Executive Officer UBS Global Asset Management (Canada) Co. Toronto, ON, Canada Director Since: 1995

# **OFFICERS**



Effective as at March 5, 2003

**STANDING (LEFT TO RIGHT):** Trevor J. Matthews, John D. DesPrez III, Dominic D'Alessandro, Peter H. Rubenovitch, Diane Bean, Victor S. Apps, Donald Guloien

SITTING (LEFT TO RIGHT): Geoff I. Guy, Bruce Gordon, John C. Mather

#### EXECUTIVE COMMITTEE

# DOMINIC D'ALESSANDRO

President and Chief Executive Officer

VICTOR S. APPS Executive Vice President and General Manager, Asia

DIANE BEAN Senior Vice President, Corporate Human Resources and Communications JOHN D. DESPREZ III

Executive Vice President, U.S. Operations and Chairman and President, Manulife USA

**BRUCE GORDON** Executive Vice President and General Manager, Canadian Operations **DONALD GULOIEN** Executive Vice President and Chief Investment Officer

**GEOFF I. GUY** Executive Vice President and Chief Actuary

JOHN C. MATHER Executive Vice President and Chief Administrative Officer **TREVOR J. MATTHEWS** 

Executive Vice President, Japan and President and Chief Executive Officer, Manulife Life Insurance Company

**PETER H. RUBENOVITCH** Executive Vice President and Chief Financial Officer

**MANAGEMENT COMMITTEE** Includes members of the Executive Committee plus:

JIM BOYLE Senior Vice President, U.S. Annuities

**ROBERT T. CASSATO** President, Manulife Wood Logan

**ROBERT A. COOK** Senior Vice President, U.S. Insurance

**GEOFF CRICKMAY** Senior Vice President, Group Business, Canadian Operations J. ROY FIRTH

Senior Vice President, Individual Wealth Management, Canadian Operations

**PETER HUTCHISON** Senior Vice President, Corporate Taxation

EDWARD LAU Senior Vice President and General Manager, Hong Kong

NORMAN LIGHT Senior Vice President and Corporate Controller **STEVE MANNIK** Senior Vice President and General Manager,

**Reinsurance** Operations

**BEVERLY S. MARGOLIAN** Senior Vice President and Chief Risk Officer

**JIM O'MALLEY** Senior Vice President, U.S. Group Pensions

**PAUL ROONEY** Senior Vice President, Individual Insurance, Canadian Operations **DALE W. J. SCOTT** Senior Vice President and General Counsel

MARC STERLING

Senior Vice President, Regional Operations, Asia

WARREN THOMSON

Senior Vice President, Investments

**KEITH WALTER** Senior Vice President, Marketing and Business Development, Japan

# **OFFICE LISTING**

# CORPORATE

HEADQUARTERS Manulife Financial Corporation

Tel: (416) 926-3000 200 Bloor Street East Toronto, ON Canada M4W 1E5

#### CANADIAN DIVISION Head Office

Tel: (519) 747-7000 500 King Street North Waterloo, ON Canada N2J 4C6

#### Elliott & Page

Tel: (416) 581-8300 or 1-800-363-6647 200 Bloor Street East, NT-3 Toronto, ON Canada M4W 1E5

## Manulife Bank of Canada

Tel: (519) 747-7000 500 King Street North Waterloo, ON Canada N2J 4C6

# Manulife Securities

International Ltd. Tel: (519) 747-7000 500 King Street North Waterloo, ON Canada N2J 4C6

## U.S. DIVISION

#### National Sales and Marketing Office Tel: (617) 854-4300

73 Tremont Street Suite 1300 Boston, MA 02108-3915 U.S.A.

#### Toronto

Tel: (416) 926-0100 200 Bloor Street East, NT-G Toronto, ON Canada M4W 1E5

## **U.S.** Annuities

Tel: 1-800-344-1029 500 Boylston Street Suite 400 Boston, MA 02116-3739 U.S.A.

#### Manulife Wood Logan Tel: 1-800-334-4437 680 Washington Boulevard

9th Floor Stamford, CT 06901-3710 U.S.A.

#### The Manufacturers Life Insurance Company of New York

Tel: 1-877-391-3748 100 Summit Lake Drive 2nd Floor Valhalla, NY 10595 U.S.A.

# ASIAN DIVISION

Asia Head Office Tel: (852) 2510-5888 48/F., Manulife Plaza The Lee Gardens 33 Hysan Avenue Causeway Bay Hong Kong

## HONG KONG

## Manulife (International) Limited

Tel: (852) 2510-5600 31/F., Manulife Tower 169 Electric Road North Point Hong Kong

# Manulife Provident Funds

**Trust Company Limited** Tel: (852) 2510-5600 16/F., Manulife Provident Funds Place 345 Nathan Road Kowloon Hong Kong

#### Manulife Asset Management (Hong Kong) Limited

(Hong Kong) Limited Tel: (852) 2510-3388 47/F., Manulife Plaza, The Lee Gardens 33 Hysan Avenue Causeway Bay Hong Kong

# INDONESIA

Manulife Indonesia Wisma Manulife Indonesia Tel: (62-21) 230-3223 Jl. Pegangsaan Timur No. 1A Jakarta 10320 Indonesia

# PHILIPPINES

Manulife Philippines Tel: (63-2) 817-2976 Manulife Centre 108 Tordesillas corner Gallardo Sts. Salcedo Village, Makati City Metro Manila Philippines

# TAIWAN

**Manulife Taiwan** Tel: (886-2) 6636-5288 2/F., 89 Sungren Road Taipei 110 Taiwan

## CHINA

#### Manulife-Sinochem Life Insurance Co. Ltd. Tel: (86-21) 5049-2288 21/F., Jin Mao Tower 88 Century Boulevard Pudong New Area Shanghai 200121 PR China

#### SINGAPORE

Manulife (Singapore) Pte. Ltd. Tel: (65) 6737-1221 491B River Valley Road #07-00 Valley Point Singapore 248373

# VIETNAM

Manulife (Vietnam) Limited Tel: (84-8) 825-7722 12/F., Diamond Plaza 34 Le Duan Street Ho Chi Minh City

# Vietnam

#### Manulife Life Insurance Company

Tel: (81-424) 89-8080 4-34-1, Kokuryo-cho Chofu-shi, Tokyo Japan 182-8621

# REINSURANCE DIVISION

Manulife Reinsurance Tel: (416) 926-3000 200 Bloor Street East, NT-8 Toronto, ON Canada M4W 1E5

# INVESTMENT OPERATIONS

Mortgage Tel: (416) 926-5925 (Canada) Tel: (416) 926-5840 (U.S.A.) 200 Bloor Street East, NT-4 Toronto, ON Canada M4W 1E5

#### **Real Estate**

Tel: (416) 926-5500 250 Bloor Street East 8th Floor Toronto, ON Canada M4W 1E5

## Securities

Tel: (416) 926-5977 200 Bloor Street East, NT-6 Toronto, ON Canada M4W 1E5

# MFC Global Investment

Management (Canada) A division of Elliott & Page Limited Tel: (416) 926-6262 200 Bloor Street East, NT-6 Toronto, ON Canada M4W 1E5

# Manulife Capital

Tel: (416) 926-5727 200 Bloor Street East, NT-6 Toronto, ON Canada M4W 1E5

### MFC Global Investment Management (Europe) Limited

Tel: (44-20) 7330-1900 Broad Street House 55 Old Broad Street London, England EC2M 1TL

## **Ironside Ventures LLC**

Tel: (781) 622-5800 Bay Colony Corporate Center 950 Winter Street Suite 1400 Waltham, MA 02451 U.S.A.

#### NAL Resources Management Limited

Tel: (403) 294-3600 550 6th Avenue S.W. Suite 600 Calgary, AB Canada T2P 0S2

# SHAREHOLDER INFORMATION

#### MANULIFE FINANCIAL CORPORATION HEAD OFFICE

200 Bloor Street East Toronto, ON Canada M4W 1E5 Tel: (416) 926-3000 Fax: (416) 926-5454 Web site: www.manulife.com

# ANNUAL MEETING OF SHAREHOLDERS

Shareholders are invited to attend the annual meeting of Manulife Financial Corporation to be held on April 24, 2003 at 10:00 a.m. in the International Room at 200 Bloor Street East, Toronto, ON, Canada M4W 1E5.

# STOCK EXCHANGE

Manulife Financial Corporation's common shares are listed on:

Toronto Stock Exchange (MFC) New York Stock Exchange (MFC) The Stock Exchange of Hong Kong (0945)

Philippine Stock Exchange (MFC)

#### INVESTOR RELATIONS

Institutional investors, brokers, security analysts and other investors requiring financial information may contact our Investor Relations Department or access our Web site at www.manulife.com. Tel: 1-800-795-9767 Fax: (416) 926-3503 e-mail:

investor\_relations@manulife.com

#### MFC ANNUAL REPORT

This annual report is also available online at www.manulife.com

#### TRANSFER AGENT AND REGISTRAR

Contact our Transfer Agent for information regarding your shareholdings, including changes of address, changes in registration, direct deposit of dividends (Canada, United States and Hong Kong), lost certificates, to eliminate duplicate mailings of shareholder material or to receive shareholder material electronically.

# TRANSFER AGENT IN

CIBC Mellon Trust Company P.O. Box 7010, Adelaide Street Postal Station Toronto, ON Canada M5C 2W9 Local: (416) 643-6268 Toll Free: 1-800-783-9495 Fax: 1-877-713-9291 e-mail: inquiries@cibcmellon.com

CIBC Mellon offices are also available in Montreal, Halifax, Winnipeg, Vancouver and Calgary.

# TRANSFER AGENT IN THE UNITED STATES

Mellon Investor Services P.O. Box 3420 South Hackensack, NJ 07606-3420 U.S.A. Tel: 1-800-783-9768 e-mail: inquiries@cibcmellon.com

## TRANSFER AGENT IN HONG KONG

Computershare Hong Kong Investor Services Limited Shops 1712 – 1716, 17th Floor Hopewell Centre 183 Queen's Road East Wanchai, Hong Kong Tel: (852) 2862-8628

#### TRANSFER AGENT IN THE PHILIPPINES

The Hong Kong and Shanghai Banking Corporation Limited Stock Transfer Department 30/F Discovery Suites 25 ADB Avenue Ortigas Center, Pasig City Philippines Tel: (632) 683-2691 (632) 683-2685 (632) 683-2689

#### AUDITORS

Ernst & Young LLP Chartered Accountants Toronto, Canada

#### COMMON SHARE TRADING SUMMARY

		Toronto	Ν	lew York	Ho	ong Kong	Philippines
	(Ca	nadian \$)		(U.S. \$)	(Hor	ng Kong \$)	(Philippine Peso
Year 2002							
Fourth Qua	rter						
High	\$	40.62	\$	25.79	\$	195.00	P 1,325
Low	\$	27.62	\$	17.37	\$	147.50	P 915
Close	\$	34.39	\$	21.71	\$	174.00	P 1,150
Third Quart	er						
High	\$	43.16	\$	28.65	\$	215.00	P 1,410
Low	\$	31.05	\$	19.70	\$	161.00	P 1,050
Close	\$	33.48	\$	21.01	\$	168.00	P 1,080
Second Qua	arter						
High	\$	46.85	\$	29.99	\$	234.00	P 1,480
Low	\$	40.40	\$	26.45	\$	208.00	P 1,280
Close	\$	43.65	\$	28.60	\$	213.00	P 1,390
First Quarte	r						
High	\$	45.60	\$	28.75	\$	220.00	P 1,425
Low	\$	39.85	\$	25.05	\$	202.00	P 1,260
Close	\$	43.72	\$	27.45	\$	213.00	P 1,305
Year 2001							
Fourth Qua	rter						
High	\$	44.39	\$	27.84	\$	213.00	P 1,420
Low	\$	36.87	\$	23.27	\$	192.00	P 1,150
Close	\$	41.60	\$	26.06	\$	203.00	P 1,250
Third Quart	er						
High	\$	48.25	\$	31.36	\$	242.00	P 1,640
Low	\$	34.35	\$	22.03	\$	161.00	P 1,100
Close	\$	41.35	\$	26.21	\$	197.00	P 1,255
Second Qua	arter						
High	\$	42.50	\$	27.98	\$	214.00	P 1,410
Low	\$	37.59	\$	24.40	\$	187.00	P 1,175
Close	\$	42.35	\$	27.91	\$	206.00	P 1,380
First Quarte	r						
High	\$	47.25	\$	31.38	\$	237.00	P 1,565
Low	\$	36.50	\$	24.25	\$	180.50	P 1,100
Close	\$	41.55	\$	26.40	\$	193.00	P 1,210

## COMMON SHARE DIVIDENDS

(Canadian \$)	Record Date	Payment Date	Amount
Year 2002			
Fourth Quarter	February 14, 2003	March 19, 2003	0.18
Third Quarter	November 15, 2002	December 19, 2002	0.18
Second Quarter	August 15, 2002	September 19, 2002	0.14
First Quarter	May 15, 2002	June 19, 2002	0.14
Year 2001			
Fourth Quarter	February 15, 2002	March 19, 2002	0.14
Third Quarter	November 15, 2001	December 19, 2001	0.12
Second Quarter	August 15, 2001	September 19, 2001	0.12
First Quarter	May 15, 2001	June 19, 2001	0.12

Per Share

# **Manulife Financial**

# **Manulife Financial Corporation**

Head Office 200 Bloor Street East Toronto, ON, Canada M4W 1E5 Tel: (416) 926-3000 Fax: (416) 926-5454

Investor Relations Tel: 1-800-795-9767 Fax: (416) 926-3503 e-mail: investor\_relations@manulife.com

# www.manulife.com

Ce rapport annuel de la Financière Manuvie est aussi disponible en français.

#### DIVERSITY

Manulife Financial is dedicated to bias-free employee practices and to the attraction and retention of employees with diverse backgrounds that reflect the many communities and markets we serve throughout the world.

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