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What can we expect for the rest of 2022?

Our annual back-to-school investment note



In the article "<u>Our outlook for 2022</u>," we drew comparisons between the path for market returns and a family road trip. The journey would have both expected and unexpected pit stops along the way, but the end destination can likely be positive.

What had been expected was the start of the pivot in global central banks' monetary policies from ultra-accommodative to tightening. What was unexpected was that the pivot and market expectations would be toward an ultra-restrictive monetary policy in the form of above-average interest rate increases. Further, the conflict in Ukraine and its impact on energy and food prices, along with the implementation of a zero-COVID policy in China and its added impact on supply chain disruptions, have also been unexpected but material pit stops.

What has changed in our view? Higher than usual volatility will likely be with us for some time. A lumpy return profile is likely ahead of us as investors price in flat to negative earnings growth. Current earnings expectations are for 8%–10%.

However, as country music star Brad Paisley once said, "If you make the mistake of looking back too much, you aren't focused enough on the road ahead of you." As investors, it's easy to focus on the past, given the volatility across nearly all asset classes, but it's important to keep focusing on the road ahead, as that's what'll likely lead us to our desired destination.

Manulife Investment Management sales team

Commentary Investment note (continued)

The slowing economy

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There's little doubt that we're seeing a slowdown in economic growth around the world. The "R-word," *recession*, is being used more frequently to describe the risks in Europe, Asia, and North America.

From a global perspective, the Markit Purchasing Manager Index (PMI) gives a 30,000-foot view of the economy. It provides advance insight into the private sector economy by tracking variables such as output, new orders, employment, and prices across key sectors within individual countries. A reading above 50 indicates that the manufacturing output is growing, while a reading less than 50 signals that it's contracting. Said differently, green is good, yellow is neutral, and red is bad. The PMI tends to be a strong indicator of the overall health of the specific economy.

Recent readings indicate support the thesis of economic weakness, as many countries have moved into the neutral area, with some falling into red. The pace of the slowdown could continue if expectations of higher interest rates and runaway inflation remain for the rest of the year and into next. Further complicating the issues are the extreme weather conditions in certain areas of the world, such as low water levels on the Rhine and the Yangtze rivers, two extremely important waterways for the local economies and major exporting arteries.

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|---------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| JPMorgan Global PMI | 50.6 | 51.8 | 52.4 | 53.1 | 53.8 | 53.8 | 53.6 | 54.0 | | 55.8 | | | 55.4 | 54.1 | 54.1 | 54.2 | 54.2 | 54.3 | 53.2 | 53.7 | 52.9 | 52.3 | 52.3 | 52.2 | 51.1 |
| United States | 50.9 | 53.1 | 53.2 | 53.4 | 56.7 | 57.1 | 59.2 | 58.6 | 59.1 | | 62.1 | 62.1 | 63.4 | 61.1 | | 58.4 | 58.3 | | | | 58.8 | | | 52.7 | 52.2 |
| Canada | 52.9 | 55.1 | | | | | 54.4 | 54.8 | 58.5 | 57.2 | | | | 57.2 | | | 57.2 | | 56.2 | | 58.9 | | 56.8 | 54.6 | 52.5 |
| Mexico | 40.4 | 41.3 | 42.1 | 43.6 | 43.7 | 42.4 | 43.0 | 44.2 | 45.6 | 48.4 | 47.6 | 48.8 | 49.6 | 47.1 | 48.6 | 49.3 | 49.4 | 49.4 | 46.1 | 48.0 | 49.2 | 49.3 | 50.6 | 52.2 | 48.5 |
| U.K. | 53.3 | 55.2 | 54.1 | 53.7 | 55.6 | 57.5 | 54.1 | 55.1 | 58.9 | 60.9 | 65.5 | | 60.4 | | 57.1 | | 58.1 | 57.9 | | | | 55.8 | 54.6 | 52.8 | 52.1 |
| Eurozone | 51.8 | 51.7 | 53.7 | 54.8 | 53.8 | 55.2 | 54.8 | 57.9 | | 62.9 | 63.1 | 63.4 | 62.8 | 61.4 | 58.6 | 58.3 | 58.4 | 58.0 | 58.7 | 58.2 | 56.5 | 51.0 | 54.6 | 52.1 | 49.8 |
| Germany | 51.0 | 52.2 | 56.4 | 58.2 | 57.8 | 58.3 | 57.1 | 60.7 | 66.6 | | 64.4 | 65.1 | | 62.6 | 58.4 | 57.8 | 57.4 | 57.4 | 59.8 | 58.4 | 56.9 | 54.6 | 54.8 | 52.0 | 49.3 |
| Holland | 47.9 | 52.3 | 52.5 | 50.4 | 54.4 | 58.2 | 58.8 | 59.6 | 64.7 | | 69.4 | | 67.4 | 65.8 | | | | 58.7 | 60.1 | | 58.4 | | 57.8 | 55.9 | 54.5 |
| France | 52.4 | 49.8 | 51.2 | 51.3 | 49.6 | 51.1 | 51.6 | 56.1 | | 58.9 | 59.4 | | 58.0 | | | 53.6 | 55.9 | 55.6 | | | 54.7 | | 54.6 | 51.4 | 49.5 |
| Italy | 51.9 | 53.1 | 53.2 | 53.8 | 51.5 | 52.8 | 55.1 | | 59.8 | | | | | | 59.7 | 61.1 | 62.8 | | 58.3 | | | 54.5 | 51.9 | 50.9 | 48.5 |
| Spain | 53.5 | 49.9 | 50.8 | 52.5 | 49.8 | 51.0 | 49.3 | 52.9 | 56.9 | 57.7 | 59.4 | 60.4 | 59.0 | | 58.1 | 57.4 | 57.1 | | | | 54.2 | 53.3 | 53.8 | 52.6 | 48.7 |
| Ireland | 57.3 | 52.3 | 50.0 | 50.3 | 52.2 | 57.2 | 51.8 | 52.0 | 57.1 | 60.8 | 64.1 | 64.0 | | 62.8 | 60.3 | 62.1 | 59.9 | 58.3 | 59.4 | 57.8 | 59.4 | 59.1 | 56.4 | 53.1 | 51.8 |
| Czech Republic | 47.0 | 49.1 | 50.7 | 51.9 | 53.9 | | | 56.5 | 58.0 | 58.9 | 61.8 | | | | 58.0 | 55.1 | 57.1 | 59.1 | | | 54.7 | 54.4 | 52.3 | 49.0 | 46.8 |
| Poland | 52.8 | 50.6 | 50.8 | 50.8 | 50.8 | 51.7 | 51.9 | 53.4 | 54.3 | 53.7 | | 59.4 | 57.6 | | 53.4 | 53.8 | 54.4 | 56.1 | 54.5 | 54.7 | 52.7 | 52.4 | 48.5 | 44.4 | 42.1 |
| Greece | 48.6 | 49.4 | 50.0 | 48.7 | 42.3 | 46.9 | 50.0 | 49.4 | 51.8 | 54.4 | 58.0 | 58.6 | 57.4 | 59.3 | 58.4 | 58.9 | 58.8 | | | 57.8 | 54.6 | 54.8 | 53.8 | 51.1 | 49.1 |
| Australia | 54.0 | 53.6 | 55.4 | 54.2 | | 55.7 | | 56.9 | 56.8 | 59.7 | 60.4 | 58.6 | | 52.0 | 56.8 | 58.2 | | 57.7 | 55.1 | | 57.7 | 58.8 | 55.7 | | 55.7 |
| Japan | 45.2 | 47.3 | 47.7 | 48.7 | 49.0 | 50.0 | 49.8 | 51.4 | 52.7 | 53.6 | 53.0 | 52.4 | 53.0 | 52.7 | 51.5 | 53.2 | 54.5 | 54.3 | 55.4 | 52.7 | 54.1 | 53.5 | 53.3 | 52.7 | 52.1 |
| China (Caixin) | 52.8 | 53.1 | 53.0 | 53.6 | 54.9 | 53.0 | 51.5 | 50.9 | 50.6 | 51.9 | 52.0 | 51.3 | 50.3 | 49.2 | 50.0 | 50.6 | 49.9 | 50.9 | 49.1 | 50.4 | 48.1 | 46.0 | 48.1 | 51.7 | 50.4 |
| South Korea | 46.9 | 48.5 | 49.8 | 51.2 | 52.9 | 52.9 | 53.2 | 55.3 | | 54.6 | 53.7 | 53.9 | 53.0 | 51.2 | 52.4 | 50.2 | 50.9 | 51.9 | 52.8 | 53.8 | 51.2 | 52.1 | 51.8 | 51.3 | 49.8 |
| Taiwan | 50.6 | 52.2 | 55.2 | 55.1 | 56.9 | 59.4 | 60.2 | 60.4 | 60.8 | 62.4 | 62.0 | 57.6 | 59.7 | 58.5 | 54.7 | 55.2 | 54.9 | | 55.1 | 54.3 | 54.1 | 51.7 | 50.0 | 49.8 | 44.6 |
| Vietnam | 47.6 | 45.7 | 52.2 | 51.8 | 49.9 | 51.7 | 51.3 | 51.6 | 53.6 | 54.7 | 53.1 | 44.1 | 45.1 | 40.2 | 40.2 | 52.1 | 52.2 | 52.5 | 53.7 | 54.3 | 51.7 | 51.7 | 54.7 | 54.0 | 51.2 |
| Indonesia | 46.9 | 50.8 | 47.2 | 47.8 | 50.6 | 51.3 | 52.2 | 50.9 | 53.2 | 54.6 | 55.3 | 53.5 | 40.1 | 43.7 | 52.2 | 57.2 | 53.9 | 53.5 | 53.7 | 51.2 | 51.3 | 51.9 | 50.8 | 50.2 | 51.3 |
| Malaysia | 50.0 | 49.3 | 49.0 | 48.5 | 48.4 | 49.1 | 48.9 | 47.7 | 49.9 | 53.9 | 51.3 | 39.9 | 40.1 | 43.4 | 48.1 | 52.2 | 52.3 | 52.8 | 50.5 | 50.9 | 49.6 | 51.6 | 50.1 | 50.4 | 50.6 |
| Singapore | 45.6 | 43.6 | 45.1 | 48.6 | 46.7 | 50.5 | 52.9 | 54.9 | 53.5 | 51.8 | 54.4 | 50.1 | 56.7 | 52.1 | 53.8 | 52.3 | 52.0 | 55.1 | 54.4 | 52.5 | 52.9 | 56.7 | 59.4 | 57.5 | 58.0 |
| India | 46.0 | 52.0 | 56.8 | 58.9 | | 56.4 | 57.7 | 57.5 | 55.4 | | 50.8 | 48.1 | | 52.3 | 53.7 | | 57.6 | | 54.4 | 54.9 | 54.0 | 54.7 | 54.6 | 53.9 | 56.4 |
| Brazil | 58.2 | 64.7 | 64.9 | | 64.0 | | | 58.4 | 52.8 | 52.3 | 53.7 | 56.4 | 56.7 | 53.6 | 54.4 | 51.7 | 49.8 | 49.8 | 47.8 | 49.6 | 52.3 | 51.8 | 54.2 | 54.1 | 54.0 |
| Turkey | 56.9 | 54.3 | 52.8 | 53.9 | 51.4 | 50.8 | 54.4 | 51.7 | 52.6 | 50.4 | 49.3 | 51.3 | 54.0 | 54.1 | 52.5 | 51.2 | 52.0 | 52.1 | 50.5 | 50.4 | 49.4 | 49.2 | 49.2 | 48.1 | 46.9 |
| South Africa | 44.9 | 45.3 | 49.4 | 51.0 | 50.3 | 50.2 | 50.8 | 50.2 | 50.3 | 53.7 | 53.2 | 51.0 | 46.1 | 49.9 | 50.7 | 48.6 | 51.7 | 48.4 | 50.9 | 50.9 | 51.4 | 50.3 | 50.7 | 52.5 | 52.7 |
| Saudi Arabia | 50.0 | 48.8 | 50.7 | 51.0 | 54.7 | 57.0 | 57.1 | 53.9 | 53.3 | 55.2 | 56.4 | 56.4 | 55.8 | 54.1 | 58.6 | 57.7 | 56.9 | 53.9 | 53.2 | | | 55.7 | 55.7 | | 56.3 |
| Russia | 48.4 | 51.1 | 48.9 | 46.9 | 46.3 | 49.7 | 50.9 | 51.5 | 51.1 | 50.4 | 51.9 | 49.2 | 47.5 | 46.5 | 49.8 | 51.6 | 51.7 | 51.6 | 51.8 | 48.6 | 44.1 | 48.2 | 50.8 | 50.9 | 50.3 |

Source: Bloomberg, Manulife Investment Management, Capital Markets Strategy, as of July 31, 2022

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Commentary

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Commentary Investment note (continued)

The U.S. has already experienced two consecutive quarters of negative GDP prints, the common definition of a *recession*. However, given the positive underlying data, such as employment and consumption, it's unlikely that a *material recession* is at hand. This doesn't change the fact that a recession may be forthcoming though.

Historically, there are warning signals prior to falling into a traditional economic recession. We characterize *traditional economic recession* as one where unemployment surges and is the major cause of the recession. Some of the signals that we look at are highlighted in the table below. Once again, we use the green, yellow, and red colour coding to illustrate our views of each indicator.

While there's no specific rule as to how many of the signals need to be red before a recession is a foregone conclusion, the more important element is the number that are moving from green to yellow to red. The inflection points are what matter most. Our lone red signal is inflationary pressure, which was already pointing to a higher risk of recession late last year. Last quarter, we moved two indicators from green to yellow—the yield curve (measured by the difference between the 10-2-year U.S. government bond yields) and tighter financial conditions—as they began to signal an economic slowdown. Most recently, we've moved U.S. housing starts and leading economic indicators to yellow, as they too are pointing to a weaker economic environment in the U.S.

| Sign of a recession | Present today? |
|--------------------------------------|----------------|
| Inverted yield curve | Neutral |
| ISM Manufacturing PMI below 45 | Νο |
| Positive inflationary trends | Yes |
| Tighter financial conditions | Neutral |
| Housing starts declining | Neutral |
| Labor market weakening | No |
| Leading economic indicators negative | Neutral |

Source: Bloomberg, Manulife Investment Management, Capital Markets Strategy, as of July 31, 2022

Given the expectation of continued weakness in many of these indicators, our base case is that we're likely to experience a shallow recession in the United States in the first half of 2023. In addition, we could see a more severe recession in Europe as a result of the looming energy crisis.

Although the U.S. Federal Reserve and Bank of Canada are likely nearing the end of their respective tightening cycles, it's unlikely that they can achieve the soft landing they desire. Certain aspects of inflation are outside of their immediate control and a recession-led reduction in demand may be required to achieve their goal of price stability.

Commentary Investment note (continued)

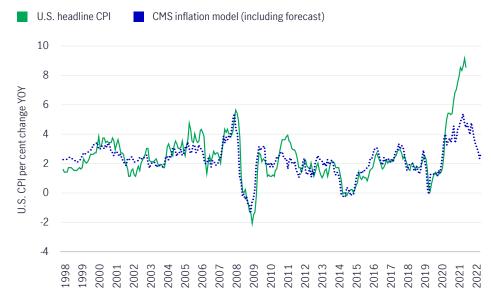
Inflation

For the first nine months of 2022, we've experienced the consequences of policies put into place at the depth of the pandemic. While low rates were important at the time, central banks were perhaps slow in removing the stimulus they put in place during the pandemic, which ultimately led to "too much money in the system." Inflation was also driven higher as a result of the conflict in Ukraine, which led to further energy and food inflation and continued supply chain disruptions with China's shutting down of Shanghai and Beijing due to strict policies regarding the re-emergence of COVID-19.

These factors drove inflation to multi-decade highs globally. Inflation in Canada and the United States at current peaks reached 7.6% and 8.5% respectively. A slowing global economy will likely reduce demand and prices for global commodities. We're already seeing material weakness in prices across commodities. Inflation appears to be peaking and we believe it'll decelerate going into 2023. For our inflation model, if you assume current levels for owner's equivalent rent (OER) at 6%, the US Dollar Index (DXY) at \$106, oil prices measured by West Texas Intermediate (WTI) at \$100, and wage growth at 7%, our expectation is that the Consumer Price Index (CPI) will trend between 4%–5% by year end and 3%–4% by the summer of 2023.

U.S. CPI YOY vs CMS inflation model

1998–June 2023 (including forecast)



Source: Bloomberg, Manulife Investment Management, Capital Markets Strategy, as of July 31, 2022

Other measures of inflation are also trending lower, including commodity prices measured by the Goldman Sachs Commodity Price Index (down 16% since last summer), the ISM Prices Paid Index (60 vs 90 on June 2021), and the NFIB Small Business Raising Price Index (56 vs 66 on March 2022). The year 2022 will be remembered for the increase in inflation and its impact on monetary policy and the global economy. In the short term, inflation remains a headwind for markets, but we believe there are catalysts throughout the year that will put downward pressure on inflation, and we're likely to be discussing inflation a lot less next year.

Fund profiles

Equities

Despite multiple challenges including supply chain disruptions, higher wages, and higher inflation, corporate earnings have remained resilient. For companies that have reported Q2 earnings, S&P 500 Price Index and S&P/TSX Composite Price Index earnings grew by 7% and 17% respectively; sales grew by 14% and 6% respectively. Within the sectors, there was wider variability in their results, a theme that's likely to continue. The global economy is slowing, and the impacts of higher interest rates have yet to be absorbed, which provides a challenging backdrop for earnings moving forward.

The market hasn't priced in a material earnings slowdown. Estimate for S&P 500 12-month earnings growth is 8%, and earnings estimates have just begun to roll over. We believe we're likely to see flat to slightly negative earnings in the early part of 2023. Our proprietary Nuts & Bolts Index indicates flat earnings growth in Q1 2023. Other macro models confirm this theme of flat to slightly negative earnings growth, including the ISM US Manufacturing New Orders Index. New orders have dropped as inventory levels have risen; new orders will likely remain low as we work through excess inventory.

Nuts and Bolts Index vs. S&P 500 trailing 12-month earnings growth 2000-current

Nuts & Bolts Index three-month moving avg. (four-month lead)



Source: Bloomberg, Manulife Investment Management, Capital Markets Strategy, as of July 31, 2022

Manulife Investment Management sales team

Commentary Investment note (continued)

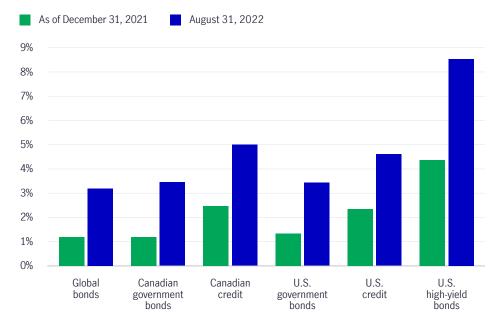
We believe that volatility will remain with us throughout the year as the market digests a weaker earnings environment. This environment favours "quality" businesses with high recurring cash flows and flexible business models. Earnings are likely to recover in the second half of next year, but there'll be more uncertainty before that. We think the path for returns will be bumpy for the next few quarters but the return profile over the next year remains favourable. On a positive note, when earnings growth is negative on a monthly basis year-over-year, the S&P 500 is positive one year forward nearly 70% of the time, with an average return of 10.7%.

The biggest question for investors remains whether the upcoming volatility will cause equity markets to retest or even break the recent lows. Despite the risk of revaluing the earnings growth environment, we don't believe the market is going to drop more than it did during first leg down, driven by a re-pricing off of higher interest rates.

Fixed income

Central banks around the world have been on an interest rate tightening path, with some of the most aggressive policies being those closest to home—the U.S. Federal Reserve and the Bank of Canada both raising their target rates by 2.25% so far this year. Although, they're likely nearing the end of their respective tightening cycles, Fed chairman Jerome Powell seemed to dispel any thoughts of a pivot to an easing posture anytime soon. As we get closer to the end of the rate tightening, there's more clarity to how high interest rates will get, which means that much of the downside risk to investing in bonds is in the rear-view mirror. Investors need to remember that interest rates or yields move in the opposite direction to price.

If we believe that the economy is slowing but a recession isn't imminent, there may be pockets of opportunity in fixed income. New investments in bonds are now providing yield levels not seen in quite some time.



Bloomberg, Manulife Investment Management, Capital Markets Strategy, as of August 31, 2022

Fund profiles

Commentary Investment note (continued)

As we move through the rest of this year and into next, the risk of recession in the U.S. could increase. If we're in the latter stages of this cycle, longer-duration, higher-quality bonds tend to outperform as their prices tend to rise and their yields fall. While rising yields was a headwind for performance earlier this year, falling yields will likely be a tailwind. Since June 1976 (the furthest date back that we have data for), in periods of a recession, the U.S. 10-year yield has fallen by a third on average.

The combination of higher yields to begin with and the potential for price appreciation increases the overall attractiveness of longer-duration bonds within a fixed-income portfolio. However, flexibility remains key to take advantage of the ever-changing landscape ahead.

What lies ahead?

There's no denying that market volatility is likely to continue through the rest of the year, but history has shown that trying to time the peaks and valleys of the equity markets is near impossible. Like the family road trip, investors need to remain focused on their destination and not let pit stops derail them from getting there. Throughout the past couple of years, we've been advocating rebalancing portfolios to target asset allocations and dollar-cost averaging into this market. We continue to emphasize that approach today.

Important Disclosure

A rise in interest rates typically causes bond prices to fall. The longer the average maturity of the bonds held by a fund, the more sensitive a fund is likely to be to interest-rate changes. The yield earned by a fund will vary with changes in interest rates.

Currency risk is the risk that fluctuations in exchange rates may adversely affect the value of a fund's investments.

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Star Performers

Our 4 and 5 Star Featured Funds

Below you will find some of our most popular mutual funds that are rated 4 and 5 stars by Morningstar (Overall Morningstar ratings – series F – as of August 31, 2022¹).

| Canadian Neutral Bala | | × | *** | | | |
|------------------------------|------------------------------|--------|-------|---|-------|-------|
| 3 Years ★ ★ ★ ★ 366 funds | 5 Years ★ ★ ★ ★ 334 funds | | | 10 Years $\star \star \star \star \star$ 208 funds | | |
| | YTD | 1 YR | 3 YR | 5 YR | 10 YR | SI* |
| Returns | -9.82% | -6.76% | 4.37% | 5.16% | 7.63% | 8.62% |
| Category Average Return | -8.71% | -6.54% | 3.46% | 3.89% | 5.18% | _ |
| Outperformance ² | -1.11% | -0.22% | 0.91% | 1.27% | 2.45% | _ |
| Fund Code (MMF) | F | | DCAF | | FT | |
| Series F | 683 | | 20683 | | 1812 | |

* Since inception 2000-08-17.

| MANULIFE GLOBAI Global Equity Category | | * | **** | | | |
|---|---------------------|--------------|-------|------------------|-----------------|--------|
| 3 Years ★ ★ ★ ★ 1,647 funds | 5 Years 1,274 fu | ★★★↓ Inds | * | 10 Yea 624 fu | rs ★ ★ 🕇 nds | *** |
| | YTD | 1 YR | 3 YR | 5 YR | 10 YR | SI* |
| Returns | -15.31% | -13.41% | 6.78% | 9.37% | 13.07% | 11.70% |
| Category Average Return | -16.27% | -14.87% | 5.40% | 5.98% | 9.37% | _ |
| Outperformance ² | 0.96% | 1.46% | 1.38% | 3.39% | 3.70% | _ |
| Fund Code (MMF) | F | | DCAF | | FT | |
| Series F | 4606 | | 24606 | | 1043 | |

* Since inception 2009-11-02.

| Canadian Focused Equ | | | *** | | | |
|-----------------------------|--|---------|-------|-------|--------|--------|
| 3 Years ★★★ 541 funds | 5 Years ★★★10 Years ★★498 funds313 funds | | | | | *** |
| | YTD | 1 YR | 3 YR | 5 YR | 10 YR | SI* |
| Returns | -15.59% | -12.45% | 8.57% | 9.67% | 12.46% | 12.02% |
| Category Average Return | -9.60% | -6.21% | 8.17% | 7.21% | 8.74% | _ |
| Outperformance ² | -5.99% | -6.24% | 0.40% | 2.46% | 3.72% | _ |
| Fund Code (MMF) | F | | DCAF | | FT | |
| Series F | 4629 | | 24629 | | 1905 | |

* Since inception 2012-03-22.

¹ Source: Morningstar Direct as of August 31, 2022.

² Outperformance refers to the fund returns compared with category average returns.

³ On May 25, 2018 the Manulife Conservative Income Fund merged into the Manulife Yield Opportunities Fund.

| Global Fixed Income C | | * 17 | | | | |
|------------------------------|--------------------|-------------|--------|--------------------|------------|-------|
| 3 Years ★ ★ ★ ★ 400 funds | 5 Years 287 fur | ★★★ nds | * | 10 Year 99 fund | rs★★★ s | ** |
| | YTD | 1 YR | 3 YR | 5 YR | 10 YR | SI* |
| Returns | -8.89% | -9.59% | -0.78% | 1.01% | 3.71% | 5.26% |
| Category Average Return | -8.94% | -9.75% | -2.27% | -0.15% | 1.35% | _ |
| Outperformance ² | 0.05% | 0.16% | 1.50% | 1.16% | 2.37% | _ |
| Fund Code (MMF) | F | | DCAF | | FT | |
| Series F | 659 | | 20659 | | 1030 | |

* Since inception 2007-01-11.

| MANULIFE YIELD OPPORTUNITIES FUND ³ Global Fixed Income Balanced Category 3 Years ★★★★ 691 funds 532 funds | | | | | * * * * * 10 Years * * * * * 212 funds | | | |
|---|---------|----------|-------|-------|--|-------|--|--|
| | YTD | 1 YR | 3 YR | 5 YR | 10 YR | SI* | | |
| Returns | -10.58% | -10.17% | 1.41% | 2.97% | 5.28% | 5.59% | | |
| Category Average Return | -10.82% | -10.39% | 0.14% | 1.73% | 3.41% | _ | | |
| Outperformance ² | 0.24% | 0.22% | 1.28% | 1.24% | 1.87% | _ | | |
| Fund Code (MMF) | F | | DCAF | | FT | | | |
| Series F | 4624 | | 24624 | | 1038 | | | |
| * Since inception 2009-12-23. | | | | | | | | |
| MANULIFE STRATEGIC BALANCED YIELD FUND Global Neutral Balanced Category | | | | | | | | |
| 3 Years | 10 Voa | rs 🛨 🛨 🕇 | ++ | | | | | |

| 3 Years ★ ★ ★ ★ ★ 1,326 funds | 5 Years $\star \star \star \star$ 1,048 funds | | | 10 Years $\star \star \star \star \star$ 497 funds | | | |
|----------------------------------|--|---------|-------|---|-------|-------|--|
| | YTD | 1 YR | 3 YR | 5 YR | 10 YR | SI* | |
| Returns | -9.71% | -8.00% | 5.20% | 4.77% | 8.84% | 8.51% | |
| Category Average Return | -11.76% | -10.72% | 2.25% | 3.45% | 5.35% | _ | |
| Outperformance ² | 2.05% | 2.72% | 2.95% | 1.32% | 3.49% | _ | |
| Fund Code (MMF) | F | | DCAF | | FT | | |
| Series F | 4630 | | 24630 | | 1613 | | |

* Since inception 2012-03-22.

Commentary Investment note

< >

| MANULIFE GLOBA Global Neutral Balance | | * | **** | | | |
|--|---------------------|--------------|-------|--------------|-------|-------|
| 3 Years ★ ★ ★ ★ 1,326 funds | 5 Years 1,048 ft | ★★★★ Inds | ** | 10 Year — | S | |
| | YTD | 1 YR | 3 YR | 5 YR | 10 YR | SI* |
| Returns | -14.07% | -13.06% | 3.87% | 6.37% | _ | 8.17% |
| Category Average Return | -11.76% | -10.72% | 2.25% | 3.45% | _ | _ |
| Outperformance ² | -2.31% | -2.34% | 1.62% | 2.92% | _ | _ |
| Fund Code (MMF) | F | | DCAF | | FT | |
| Series F | 4635 | | 24635 | | 4135 | |

* Since inception 2013-08-01.

| MANULIFE STRATEGIC DIVIDEND BUNDLE Global Neutral Balanced Category | | | | | | | | | |
|--|---|---|--|---|---|--|--|--|--|
| 0 .00.0 | | 7 | 10 Year: — | S | | | | | |
| YTD | 1 YR | 3 YR | 5 YR | 10 YR | SI* | | | | |
| -15.41% | -14.38% | 4.27% | 5.40% | _ | 6.17% | | | | |
| -11.76% | -10.72% | 2.25% | 3.45% | _ | _ | | | | |
| -3.64% | -3.66% | 2.02% | 1.95% | _ | _ | | | | |
| F | | DCAF | | FT | | | | | |
| 4676 | | 24676 | | 4376 | | | | | |
| | 5 Years 1,048 fu 1,048 fu -15.41% -11.76% -3.64% F | S Years ★ ★ ★ ★ 1,048 | Years * * * * * * 1,048 funds 3 YR '15.41% 14.38% 4.27% '11.76% 10.72% 2.25% '3.64% 3.66% 2.02% F DCAF | 5 Years ★★★★ 10 Years 1,048 funds | 5 Years 10 Years 1,048 funds 10 Years YTD 1 YR 3 YR 5 YR 10 Years -15.41% 14.38% 4.27% 5.40% - -11.76% -10.72% 2.25% 3.45% - -3.64% -3.66% 2.02% 1.95% - F DCAF FT FT | | | | |

| MANULIFE U.S. MONTHLY HIGH INCOME FUND ⁴ Global Neutral Balanced Category | | | | | | | | | | |
|--|---------------------|--------------|-------|--------------|-------|-------|--|--|--|--|
| 3 Years ★★★★★ 1,326 funds | 5 Years 1,048 fi | ★★★↓ unds | ** | 10 Year — | S | | | | | |
| | YTD | 1 YR | 3 YR | 5 YR | 10 YR | SI* | | | | |
| Returns | -16.96% | -12.46% | 6.41% | 7.71% | — | 8.00% | | | | |
| Category Average Return | -11.76% | -10.72% | 2.25% | 3.45% | _ | _ | | | | |
| Outperformance ² | -5.20% | -1.74% | 4.16% | 4.27% | _ | _ | | | | |
| Fund Code (MMF) | F | | DCAF | | FT | | | | | |
| Series F | 4638 | | 24638 | | 9927 | | | | | |

* Since inception 2013-12-24.

* Since inception 2015-08-10.

⁴ On May 25, 2018, the Manulife Unhedged U.S. Monthly High Income Fund merged into the Manulife U.S. Monthly High Income Fund.

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>

CIFSC Category

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Fund profile index

- ¹ This Fund has been capped to all new purchases as of March 28, 2013.
- ² This Fund has been capped to all new purchases as of November 8, 2013.
- ^a On April 20, 2018, Manulife Canadian Opportunities Class merged into the Manulife Canadian Equity Class. Because the fund that was merged into the Manulife Canadian Equity Class had a larger asset base than the Manulife Canadian Equity Class, the performance data for the Manulife Canadian Equity Class may not be provided for any period prior to the merger transaction.
 ^b On April 20, 2018 Manulife Preferred Income Class
- merged into Manulife Dividend Income Class. ° On May 25, 2018 Manulife Canadian Opportunities
- Fund merged into Manulife Fundamental Equity Fund. ^d On April 20, 2018 Manulife U.S. Dividend Income Registered Fund merged into Manulife U.S. Dividend Income Fund.
- ^e On April 5, 2019, the Manulife International Value Equity Fund merged into the Manulife EAFE Equity Fund. Because the fund that was merged into the Manulife EAFE Equity Fund had a larger asset base than the Manulife EAFE Equity, the performance data for the Manulife EAFE Equity Fund may not be provided for any period prior to the merger transaction.
 * Funds are also available in a corporate class version. Please visit the Prices & Performance page on manulifeim.ca for individual fund pages.

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| Manulife Global Strategic Balanced Yield Fund | Global Neutral Balanced | 1 |
| Manulife Simplicity Balanced Portfolio | Global Neutral Balanced | 1 |
| Manulife Simplicity Global Balanced Portfolio | Global Neutral Balanced | 1 |
| Manulife Simplicity Growth Portfolio | Global Equity Balanced | 1 |
| Manulife Strategic Dividend Bundle | Global Neutral Balanced | 1 |
| Manulife Global Monthly High Income Fund ^{h*} | Tactical Balanced | 1 |
| Manulife Yield Opportunities Fund | Global Fixed Income Balanced | 1 |
| Manulife Climate Action Balanced Fund | Global Neutral Balanced | 1 |

Fund profile index (continued)

- ³ This Fund has been capped to all new purchases as of March 28, 2013.
- ^f On May 25, 2018 Manulife Canadian Opportunities Balanced Fund merged into Manulife Fundamental Income Fund.
- ^e On May 25, 2018 Manulife Unhedged U.S. Monthly High Income Fund merged into Manulife U.S. Monthly High Income Fund.
- ⁴ This Fund has been capped to all new purchases as of March 28, 2013.
- ⁵ This Fund has been capped to all new purchases as of November 8, 2013.
- ^h On August 3, 2021, the Manulife Value Balanced Fund was renamed Manulife Global Monthly High Income Fund.
- * Funds are also available in a corporate class version. Please visit the Prices & Performance page on manulifemutualfunds.ca for individual fund pages.

Fund profiles

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Commentary Investment note

Star performers

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- ⁱ On May 25, 2018 Manulife Short Term Bond Fund and Manulife Money Fund merged into Manulife Money Market Fund. Because the fund that merged into the Manulife Money Market Fund had a larger asset base than the Manulife Money Market Fund, the performance data for the Manulife Money Market Fund may not be provided for any period prior to the merger transaction.
- ⁱ On May 25, 2018 Manulife Canadian Corporate Bond Fund merged into Manulife Canadian Unconstrained Bond Fund.
- ^k On October 23, 2020 Manulife Floating Rate Income Fund merged into Manulife U.S. Unconstrained Bond Fund. On May 25, 2018, Manulife High Yield Bond Fund merged into Manulife U.S. Unconstrained Bond Fund.
- On April 20, 2018 Manulife Asia Total Return Bond Fund merged into Manulife Global Unconstrained Bond Fund. On May 25, 2018 Manulife Emerging Markets Debts Fund merged into Manulife Global Unconstrained Bond Fund.
- ^m On April 20, 2018 Manulife U.S. Dollar Floating Rate Income Fund merged into Manulife U.S. Dollar Strategic Income Fund.

| - E | | | | _1 |
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Global Fixed Income

>

Sales Managers

Western Canada

Manulife Investment Management Sales Team

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Charles Bendaly Head of Key National Accounts and Strategic Relationships Jeff Haydar Regional Vice President, Central West and Central East Canada

Hillel Ades Regional Vice President, Eastern Canada

Mike Richard National Vice President, Guaranteed Investments National Accounts

Barbara Foy-Pilchner National Vice President, Investments National Accounts **Julie Carmel** Manager, Inside Sales, Eastern Canada

Bailey Schepikoff Manager, Inside Sales, Central West Canada

Michael Messecar Manager, Inside Sales, Central East Canada

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Commentary Investment note

Western Canada

Manulife

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Investment note

Commentary

Western Canada

Manulife

Investment Management Sales Team (continued)

 $\overrightarrow{\mathbf{x}}$

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nvestment note

Commentary

Western Canada

Manulife

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Investment note

Commentary

Manulife Canadian Dividend Growth Fund

The fund's portfolio is

blend stocks.

biased toward large-cap

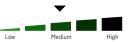
Series F • Performance as at August 31, 2022 • Holdings as at July 31, 2022

Overview

Overall Morningstar Rating¹

Key Facts

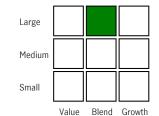
Management Team: Fundamental Equity Team Inception date: July 7, 2005 AUM²: \$688.06M CIFSC category: Canadian Dividend & Income Equity Distribution rjequency ³: Quarterly Distribution yield⁴: 3.18% Positions: 42 Management fee: 0.70% MER: 1.02% (as at 2021-12-31, includes HST) Min. investment: \$500 initial; \$25 PAC Fund Status: Open Risk: Moderate



Equity Characteristics

| 14.40 |
|----------|
| 2.28 |
| 9.74 |
| 21.87% |
| \$76.49B |
| 3.57% |
| |

Equity Style Box⁵



Fund Codes (MMF)

| Series | FE | LL2 | LL3 | DSC | NL |
|---------------|-------|-------|-------|-------|-------|
| Advisor | 3506 | 3270 | 3706 | 3406 | _ |
| Advisor - DCA | 23506 | 23270 | 23706 | 23406 | _ |
| F | _ | _ | _ | _ | 3606 |
| F - DCA | _ | _ | _ | _ | 23606 |
| FT6 | _ | _ | _ | _ | 3906 |
| T6 | 3507 | 3370 | 3707 | 3407 | _ |

DSC/LL2/LL3 load options are available for switches only and are not available for new purchases.

Why invest?

- Managed by the Fundamental Equity Team
- Employs a fundamental bottom-up approach investing in a diversified portfolio of primarily Canadian dividend paying securities exhibiting strong future growth prospects.
- The portfolio manager looks towards companies that have exhibited consistent growth prospects over time, paying special attention to industries and individual management teams that have historically shown their ability and willingness to increase shareholder value by distributing profits in the form of growing dividends.

Performance

Growth of \$10,000 since inception⁶



Calendar Returns (%)

| 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|------|-------|------|-------|-------|------|-------|-------|------|-------|
| 5.91 | 19.35 | 8.05 | -0.80 | 11.77 | 8.80 | -7.75 | 22.24 | 1.63 | 28.90 |

Compound Returns (%)

| 1 Mth | 3 Mth | 6 Mth | YTD | 1 Yr | 3 Yrs | 5 Yrs | 10 Yrs | 15 Yrs | 20 Yrs | Inception |
|-------|-------|-------|-------|------|-------|-------|--------|--------|--------|-----------|
| -1.21 | -3.62 | -3.42 | -2.75 | 4.90 | 10.12 | 8.73 | 8.99 | _ | _ | 6.15 |

| Risk Measures (5 yr.) | Standard Deviation (%) | Sortino Ratio | Sharpe Ratio | Alpha | Beta | R-Squared (%) |
|--------------------------|---------------------------|------------------|-----------------|-------|------|---------------|
| Fund | 12.29 | 1.04 | 0.45 | 1.60 | 0.89 | 90.41 |
| Benchmark ⁷ | 13.99 | 0.78 | 0.32 | _ | _ | _ |

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Management

Portfolio advisor:

Fundamental Equity Team



Annual Distributions³

| | Income | Dividends | Capital Gains | Return of Capital | Total |
|------|--------|-----------|------------------|----------------------|--------|
| 2021 | \$0.68 | \$1.74 | \$3.56 | - | \$5.98 |
| 2020 | \$0.14 | \$0.80 | _ | _ | \$0.94 |
| 2019 | \$0.13 | \$1.18 | \$2.04 | - | \$3.34 |
| 2018 | \$0.01 | \$0.11 | \$0.08 | _ | \$0.20 |
| 2017 | \$0.22 | \$0.93 | \$0.97 | - | \$2.13 |
| 2016 | \$0.15 | \$0.93 | \$0.67 | _ | \$1.74 |

Management Fee Reduction Rates⁸

| Account/Household Value Tiers | All Qualifying Investments |
|-------------------------------|----------------------------|
| \$250K+ to \$499K | 2.50 basis points |
| \$500K+ to \$999K | 5.00 basis points |
| \$1M+ to \$4.9M | 7.50 basis points |
| \$5M+ to \$9.9M | 10.00 basis points |
| \$10M+ | 12.50 basis points |

Top 10 Holdings (%) ⁹

| 1. | Toronto-Dominion Bank Com New | 8.54 |
|----|---|------|
| 2. | Enbridge Inc. Com | 5.66 |
| 3. | Bank of Nova Scotia (The) Com | 5.32 |
| 4. | Microsoft Corp. Com | 4.40 |
| 5. | Telus Corp. Com | 4.36 |
| 6. | Brookfield Infrastructure Partners L.P. Partnership Units | 4.05 |
| 7. | Royal Bank of Canada Com | 3.71 |
| 8. | Suncor Energy Inc. Com | 3.46 |
| 9. | TMX Group Limited Com | 3.22 |
| 10 | Sun Life Financial Inc. Com | 3.10 |

Portfolio Allocation

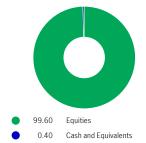
Geographic Allocation (%)

67.40 Canada 24.36 United States 4.05 Bermuda 2.47 Netherlands Ireland 1.72

Sector Allocation (Equities) (%)



Asset Allocation (%)



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Manulife Canadian Equity Class¹

Series F • Performance as at August 31, 2022 • Holdings as at July 31, 2022

Overview

Overall Morningstar Rating²

Key Facts

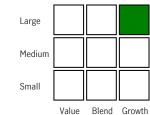
Management Team: Fundamental Equity Team Inception date: May 25, 2011 Performance reset date: April 20, 2018 AUM³: \$261.06M CIFSC category: Canadian Equity Distribution frequency ⁴: Annual Positions: 40 Management fee: 0.68% MER: 1.03% (as at 2022-04-30, includes HST) Min. investment: \$500 initial; \$25 PAC Fund Status: Open Risk: Moderate



Equity

| Cildiacteristics | |
|--------------------|----------|
| P/E Ratio | 14.81 |
| P/B Ratio | 2.31 |
| P/CF Ratio | 10.67 |
| ROE | 18.59% |
| Average Market Cap | \$41.19B |
| Dividend Yield | 2.48% |
| | |

Equity Style Box⁵



Fund Codes (MMF)

| Series | FE | LL2 | LL3 | DSC | NL |
|---------------|-------|-------|-------|-------|-------|
| Advisor | 8533 | 8033 | 8733 | 8433 | _ |
| Advisor - DCA | 28533 | 28033 | 28733 | 28433 | _ |
| F | _ | _ | _ | _ | 8633 |
| F - DCA | _ | _ | _ | _ | 28633 |
| FT6 | _ | _ | _ | _ | 1814 |
| T6 | 9518 | 9847 | 9718 | 9418 | _ |

The fund's portfolio is

growth stocks.

biased toward large-cap

DSC/LL2/LL3 load options are available for switches only and are not available for new purchases.

Why invest?

- Managed by the Fundamental Equity Team,
- Uses a bottom up, style agnostic approach to portfolio construction focusing on mainly Canadian companies exhibiting sustainable business models, predictable cash flows and growing dividends that can be returned to investors.
- The Portfolio Managers utilize a fundamental, bottom-up investment approach to select securities. Proprietary analysis is used to construct and analyze the historical economic earnings of a company in order to gain an understanding of the business being studied.

Performance

Growth of \$10,000 since inception⁶



Calendar Returns (%)

| 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|------|------|------|------|------|------|-------|-------|------|-------|
| _ | _ | _ | _ | _ | _ | -0.75 | 26.07 | 5.29 | 27.68 |
| | | | | | | | | | |

Compound Returns (%)

| 1 Mth | 3 Mth | 6 Mth | YTD | 1 Yr | 3 Yrs | 5 Yrs | 10 Yrs | 15 Yrs | 20 Yrs | Inception |
|------------------|-------|-----------------|-------|-------------|---------|-------|--------|---------|----------|-----------|
| -1.42 | -2.28 | -2.33 | -3.60 | 0.47 | 10.62 | _ | _ | — | — | 11.40 |
| | | | | | | | | | | |
| Risk | | | dard | | Sortino | Sha | · A | lpha Be | ta R-Sou | uared (%) |
| Measures (5 yr.) | |) Deviation (%) | | Ratio Ratio | | tio | | | | |

| Measures (5 yr.) | Deviation (%) | Ratio | Ratio | • | | |
|------------------------|---------------|-------|-------|------|------|-------|
| Fund | 13.65 | 1.33 | 0.60 | 3.96 | 0.89 | 85.52 |
| Benchmark ⁷ | 14.73 | 0.77 | 0.32 | _ | _ | _ |

< >

Commentary Investment note

Management

Portfolio advisor:

Fundamental Equity Team



Patrick Blais

Annual Distributions⁴

| | Income | Dividends | Capital Gains | Return of Capital | Total |
|------|--------|-----------|------------------|----------------------|--------|
| 2021 | _ | \$0.30 | _ | _ | \$0.30 |
| 2020 | _ | \$0.25 | _ | _ | \$0.25 |
| 2019 | _ | \$0.26 | _ | _ | \$0.26 |
| 2018 | _ | \$0.20 | _ | _ | \$0.20 |
| 2017 | _ | \$0.30 | - | - | \$0.30 |
| 2016 | _ | \$0.11 | _ | - | \$0.11 |

Management Fee Reduction Rates⁸

| Account/Household Value Tiers | All Qualifying Investments |
|-------------------------------|----------------------------|
| \$250K+ to \$499K | 2.50 basis points |
| \$500K+ to \$999K | 5.00 basis points |
| \$1M+ to \$4.9M | 7.50 basis points |
| \$5M+ to \$9.9M | 10.00 basis points |
| \$10M+ | 12.50 basis points |

Top 10 Holdings (%) 9

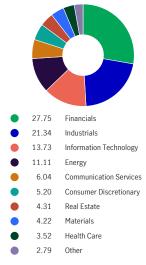
| 1. Toronto-Dominion Bank Com New | 6.75 |
|---|------|
| 2. Canadian National Railway Company Com | 5.92 |
| 3. Canadian Natural Resources Ltd. Com | 5.66 |
| 4. Canadian Pacific Railway Ltd. Com | 5.41 |
| 5. Royal Bank of Canada Com | 4.66 |
| 6. Brookfield Asset Management Inc. Voting Shs Cl A | 4.60 |
| 7. Constellation Software Inc. Com | 4.51 |
| 8. Telus Corp. Com | 3.68 |
| 9. Suncor Energy Inc. Com | 3.38 |
| 10.TMX Group Limited Com | 3.05 |

Portfolio Allocation

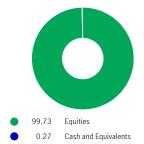
Geographic Allocation (%)

90.05 Canada 9.95 United States

Sector Allocation (Equities) (%)



Asset Allocation (%)



>

Commentary nvestment note

Star performers

Fund profile index

Manulife Investment Management

Manulife Canadian Investment Class¹

Series F • Performance as at August 31, 2022 • Holdings as at July 31, 2022

The fund's portfolio is

blend stocks.

biased toward large-cap

Overview

Overall Morningstar Rating²

★★★☆

Key Facts

Inception date: June 27, 2008 AUM³: \$255.97M CIFSC category: Canadian Equity Distribution frequency⁴: Annual Positions: 47 Management fee: 0.89% MER: 1.22% (as at 2022-04-30, includes HST) Min. investment: \$500 initial; \$25 PAC Fund Status: Capped Risk: Moderate



Equity Characteristics

| P/E Ratio | 13.91 |
|--------------------|----------|
| P/B Ratio | 2.02 |
| P/CF Ratio | 11.81 |
| ROE | 18.30% |
| Average Market Cap | \$30.57B |
| Dividend Yield | 2.78% |
| | |

Equity Style Box⁵



Value Blend Growth

Fund Codes (MMF)

| Series | FE | LL2 | LL3 | DSC | NL |
|---------------|-------|-----|-------|-------|------|
| Advisor | 4503 | _ | 4703 | 4403 | — |
| Advisor - DCA | 24503 | _ | 24703 | 24403 | _ |
| F | _ | _ | _ | — | 4603 |
| FT6 | _ | _ | _ | _ | 1041 |
| М | _ | _ | _ | _ | 1858 |
| T6 | 1541 | _ | 1341 | 1241 | _ |

DSC/LL2/LL3 load options are available for switches only and are not available for new purchases.

Why invest?

The fund will systematically invest primarily in a broadly diversified portfolio of wealth-creating Canadian companies to seek long-term growth of capital. The equity selection process is based on Mawer's disciplined, fundamentally based bottom-up research process, which includes a strong focus on downside protection.

Performance

Growth of \$10,000 since inception⁶



Calendar Returns (%)

| 2 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|------|-------|-------|-------|-------|------|-------|-------|------|-------|
| 1 | 2.65 | 25.44 | 16.10 | -0.36 | 16.47 | 9.33 | -9.99 | 21.15 | 2.49 | 23.77 |

Compound Returns (%)

| 1 Mth | 3 Mth | 6 Mth | YTD | 1 Yr | 3 Yrs | 5 Yrs | 10 Yrs | 15 Yrs | 20 Yrs | Inception |
|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|-----------|
| -1.78 | -4.66 | -5.12 | -6.88 | -3.41 | 7.30 | 6.60 | 9.90 | _ | _ | 8.31 |

| Risk Measures (5 yr.) | Standard Deviation (%) | Sortino Ratio | Sharpe Ratio | Alpha | Beta | R-Squared (%) |
|--------------------------|---------------------------|------------------|-----------------|-------|------|---------------|
| Fund | 13.46 | 0.69 | 0.25 | -0.82 | 0.91 | 94.49 |
| Benchmark ⁷ | 14.73 | 0.77 | 0.32 | _ | _ | _ |

Management sales team

Manulife Investment

> <

Commentary Investment note

Fund profiles

Management **Sub Advisor:**

Mawer Investment Management Ltd.



Viswanathan

Annual Distributions⁴

| | Income | Dividends | Capital Gains | Return of Capital | Total |
|------|--------|-----------|------------------|----------------------|--------|
| 2021 | _ | \$0.43 | \$0.93 | - | \$1.36 |
| 2020 | — | \$0.54 | \$1.08 | - | \$1.62 |
| 2019 | — | \$0.57 | \$0.02 | \$0.52 | \$1.10 |
| 2018 | — | \$0.53 | \$0.35 | - | \$0.89 |
| 2017 | _ | \$0.48 | \$0.05 | - | \$0.53 |
| 2016 | _ | \$0.21 | _ | _ | \$0.21 |

Management Fee Reduction Rates⁸

| Account/Household Value Tiers | All Qualifying Investments |
|-------------------------------|----------------------------|
| \$250K+ to \$499K | 2.50 basis points |
| \$500K+ to \$999K | 5.00 basis points |
| \$1M+ to \$4.9M | 7.50 basis points |
| \$5M+ to \$9.9M | 10.00 basis points |
| \$10M+ | 12.50 basis points |

Top 10 Holdings (%) ⁹

| 1. Royal Bank of Canada Com | 4.64 |
|---|------|
| 2. Canadian Natural Resources Ltd. Com | 4.62 |
| 3. Toronto-Dominion Bank Com New | 4.30 |
| 4. Canadian Pacific Railway Ltd. Com | 4.24 |
| 5. Brookfield Asset Management Inc. Voting Shs Cl A | 3.87 |
| 6. Bank of Montreal Com | 3.59 |
| 7. Loblaw Cos. Ltd. Com | 3.45 |
| 8. Alimentation Couche-Tard Inc. Multiple Vtg Sh | 3.42 |
| 9. CGI Inc. CI A Sub Vtg | 3.37 |
| 10.Finning International Inc. Com New | 3.12 |

Portfolio Allocation

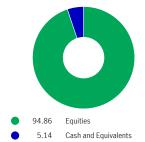
Geographic Allocation (%)

100.00 Canada

Sector Allocation (Equities) (%)



Asset Allocation (%)



nvestment note Commentary

Star performers

Fund profile index

Series F • Performance as at August 31, 2022 • Holdings as at July 31, 2022

The fund's portfolio is

growth stocks.

biased toward large-cap

Overview

Overall Morningstar Rating¹

Key Facts

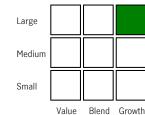
Management Team: Essential Equity Team Inception date: March 22, 2012 AUM²: \$8.02B CIFSC category: Canadian Focused Equity Distribution frequency ³: Monthly Distribution vield⁴: 1.43% Positions: 136 Management fee: 0.83% MER: 1.16% (as at 2021-12-31, includes HST) Min. investment: \$500 initial; \$25 PAC Fund Status: Open Risk: Moderate



Equity Characteristics

| Characteristics | |
|--------------------|----------|
| P/E Ratio | 28.42 |
| P/B Ratio | 3.20 |
| P/CF Ratio | 16.45 |
| ROE | 15.95% |
| Average Market Cap | \$45.41B |
| Dividend Yield | 1.65% |

Equity Style Box⁵



Fund Codes (MMF)

| Series | FE | LL2 | LL3 | DSC | NL |
|---------------|-------|-------|-------|-------|-------|
| Advisor | 4529 | 4929 | 4729 | 4429 | _ |
| Advisor - DCA | 24529 | 24929 | 24729 | 24429 | _ |
| F | — | — | — | — | 4629 |
| F - DCA | _ | _ | _ | _ | 24629 |
| FT6 | _ | _ | _ | _ | 1905 |
| М | _ | _ | _ | _ | 4421 |
| Т6 | 9579 | 9979 | 9779 | 9479 | _ |

DSC/LL2/LL3 load options are available for switches only and are not available for new purchases.

Why invest?

- Managed by the Manulife Essential Equity Team.
- · The team's focus is on creating a high returning conglomerate portfolio consisting of diversified businesses to ensure that revenue and earnings come from many different sources.
- Constructed using a fundamental, value based lens selecting primarily Canadian, U.S and Global dividend-paying business.
- The portfolio managers focus on selecting businesses, which in aggregate have high and stable profitability, minimal financial leverage and are priced at an attractive valuation. The fund is ideal for clients looking for a fixed monthly income source and the growth.

Performance

Growth of \$10,000 since inception⁶



Calendar Returns (%)

| 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | |
|------|-------|-------|------|-------|-------|-------|-------|-------|-------|--|
| _ | 26.63 | 20.55 | 0.03 | 16.93 | 14.07 | -3.47 | 23.89 | 22.50 | 21.73 | |

Compound Returns (%)

| 1 | Mth | 3 Mth | 6 Mth | YTD | 1 Yr | 3 Yrs | 5 Yrs | 10 Yrs | 15 Yrs | 20 Yrs | Inception |
|----|------|-------|-------|--------|--------|-------|-------|--------|--------|--------|-----------|
| -' | 2.42 | -0.10 | -3.32 | -15.59 | -12.45 | 8.57 | 9.67 | 12.46 | _ | _ | 12.02 |

| Risk Measures (5 yr.) | Standard Deviation (%) | Sortino Ratio | Sharpe Ratio | Alpha | Beta | R-Squared (%) |
|--------------------------|---------------------------|------------------|-----------------|-------|------|---------------|
| Fund | 14.38 | 0.99 | 0.44 | 2.45 | 0.88 | 73.44 |
| Benchmark ⁷ | 14.73 | 0.77 | 0.32 | _ | _ | _ |

Management sales team

Manulife Investment

Chris

Hensen

< >

Star performers

Fund profile index

S.

Management

Portfolio advisor: Essential Equity Team

Jonatha

Conrad

Dabiet

Jonathan Popper

Annual Distributions³

| | Income | Dividends | Capital Gains | Return of Capital | Total |
|------|--------|-----------|------------------|----------------------|--------|
| 2021 | _ | _ | \$3.06 | \$0.28 | \$3.34 |
| 2020 | — | \$0.07 | \$0.65 | \$0.20 | \$0.92 |
| 2019 | _ | \$0.14 | \$0.87 | \$0.15 | \$1.16 |
| 2018 | \$0.00 | \$0.14 | \$0.61 | \$0.14 | \$0.88 |
| 2017 | _ | \$0.18 | \$0.62 | \$0.11 | \$0.91 |
| 2016 | _ | \$0.11 | \$0.46 | \$0.11 | \$0.67 |

Management Fee Reduction Rates⁸

| Account/Household Value Tiers | All Qualifying Investments |
|-------------------------------|----------------------------|
| \$250K+ to \$499K | 2.50 basis points |
| \$500K+ to \$999K | 5.00 basis points |
| \$1M+ to \$4.9M | 7.50 basis points |
| \$5M+ to \$9.9M | 10.00 basis points |
| \$10M+ | 12.50 basis points |

Top 10 Holdings (%) 9

| 1. | Constellation Software Inc. Com | 4.09 | | | | |
|----|--|------|--|--|--|--|
| 2. | Waste Connections Inc. Com | 4.03 | | | | |
| 3. | Brookfield Asset Management Inc. Voting Shs CI A | 4.03 | | | | |
| 4. | Cadence Design Systems Inc. Com | 4.03 | | | | |
| 5. | Roper Technologies Inc. Com | 4.01 | | | | |
| 6. | Danaher Corp. Com | 4.00 | | | | |
| 7. | FirstService Corporation Com | 4.00 | | | | |
| 8. | Canadian Pacific Railway Ltd. Com | 3.98 | | | | |
| 9. | Thermo Fisher Scientific Inc. Com | 3.97 | | | | |
| 10 | .0.Thomson Reuters Corp. Com New 3.72 | | | | | |

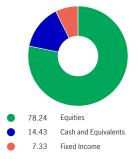
Portfolio Allocation

Geographic Allocation (%)

68.87 Canada 26.43 United States 2.60 Bermuda 1.01 Ireland 0.58 Switzerland 0.33 United Kingdom 0.19 Israel

0.00 Barbados 0.00 Europe

Asset Allocation (%)



Sector Allocation (Equities) (%)



Manulife Investment Management sales team

Star performers

Fund profile index

Series F • Performance as at August 31, 2022 • Holdings as at July 31, 2022

Overview

Overall Morningstar Rating¹

★★★☆

Key Facts

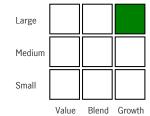
Management Team: Essential Equity Team Inception date: March 22, 2012 AUM²: \$1.00B CIFSC category: Canadian Focused Equity Distribution frequency ³: Annual Positions: 136 Management fee: 0.83% MER: 1.17% (as at 2022-04-30, includes HST) Min. investment: \$500 initial; \$25 PAC Fund Status: Open Risk: Moderate



Equity Characteristics

| Characteristics | | | | | | | | |
|--------------------|----------|--|--|--|--|--|--|--|
| P/E Ratio | 26.68 | | | | | | | |
| P/B Ratio | 3.03 | | | | | | | |
| P/CF Ratio | 16.51 | | | | | | | |
| ROE | 16.04% | | | | | | | |
| Average Market Cap | \$41.50B | | | | | | | |
| Dividend Yield | 1.54% | | | | | | | |

Equity Style Box⁴



Fund Codes (MMF)

| Series | FE | LL2 | LL3 | DSC | NL |
|---------------|-------|-------|-------|-------|-------|
| Advisor | 8545 | 8045 | 8745 | 8445 | _ |
| Advisor - DCA | 28545 | 28045 | 28745 | 28445 | _ |
| F | _ | _ | — | — | 8645 |
| F - DCA | _ | _ | _ | _ | 28645 |
| FT6 | — | _ | — | — | 1218 |
| Т6 | 9107 | 9149 | 9108 | 9106 | _ |

The fund's portfolio is biased toward large-cap

growth stocks.

DSC/LL2/LL3 load options are available for switches only and are not available for new purchases.

Why invest?

- Managed by the Manulife Essential Equity Team.
- The team's focus is on creating a high returning conglomerate portfolio consisting of diversified businesses to ensure that revenue and earnings come from many different sources.
- Constructed using a fundamental, value based lens selecting primarily Canadian, U.S and Global dividend-paying business.
- The portfolio managers focus on selecting businesses, which in aggregate have high and stable profitability, minimal financial leverage and are priced at an attractive valuation. The fund is ideal for clients looking for a fixed monthly income source and the growth.

Performance

Growth of \$10,000 since inception⁵



Calendar Returns (%)

| 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|------|-------|-------|------|-------|-------|-------|-------|-------|-------|
| _ | 26.01 | 20.24 | 0.04 | 16.70 | 13.94 | -3.45 | 23.82 | 22.41 | 21.72 |

Compound Returns (%)

| 1 MI | h 3 Mth | 6 Mth | YTD | 1 Yr | 3 Yrs | 5 Yrs | 10 Yrs | 15 Yrs | 20 Yrs | Inception |
|-------|---------|-------|--------|--------|-------|-------|--------|--------|--------|-----------|
| -2.43 | -0.08 | -3.30 | -15.58 | -12.44 | 8.55 | 9.63 | 12.30 | _ | _ | 11.84 |

| Risk Measures (5 yr.) | Standard Deviation (%) | Sortino Ratio | Sharpe Ratio | Alpha | Beta | R-Squared (%) |
|--------------------------|---------------------------|------------------|-----------------|-------|------|---------------|
| Fund | 14.37 | 0.98 | 0.44 | 2.41 | 0.88 | 73.39 |
| Benchmark ⁶ | 14.73 | 0.77 | 0.32 | _ | _ | _ |

Management sales team

Manulife Investment



ary note

Commentary Investment note

Star performers

Fund profiles

> Management

Portfolio advisor:

Essential Equity Team





Jonathan Popper

Conrad

Dabiet

Annual Distributions ³

| | Income | Dividends | Capital Gains | Return of Capital | Total |
|------|--------|-----------|------------------|----------------------|--------|
| 2021 | _ | \$0.08 | _ | _ | \$0.08 |
| 2020 | _ | \$0.33 | \$0.72 | — | \$1.05 |
| 2019 | - | \$0.18 | - | _ | \$0.18 |
| 2018 | _ | \$0.12 | \$0.17 | — | \$0.29 |
| 2017 | - | \$0.23 | - | _ | \$0.23 |
| 2016 | _ | \$0.15 | _ | _ | \$0.15 |

Management Fee Reduction Rates⁷

| Account/Household Value Tiers | All Qualifying Investments |
|-------------------------------|----------------------------|
| \$250K+ to \$499K | 2.50 basis points |
| \$500K+ to \$999K | 5.00 basis points |
| \$1M+ to \$4.9M | 7.50 basis points |
| \$5M+ to \$9.9M | 10.00 basis points |
| \$10M+ | 12.50 basis points |

Top 10 Holdings (%) ⁸

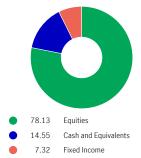
| 1. | Constellation Software Inc. Com | 4.08 |
|----|--|------|
| 2. | Waste Connections Inc. Com | 4.03 |
| 3. | Brookfield Asset Management Inc. Voting Shs Cl A | 4.03 |
| 4. | Cadence Design Systems Inc. Com | 4.02 |
| 5. | Roper Technologies Inc. Com | 4.01 |
| 6. | Danaher Corp. Com | 4.00 |
| 7. | FirstService Corporation Com | 3.99 |
| 8. | Canadian Pacific Railway Ltd. Com | 3.97 |
| 9. | Thermo Fisher Scientific Inc. Com | 3.96 |
| 10 | Thomson Reuters Corp. Com New | 3.72 |

Portfolio Allocation

Geographic Allocation (%)

68.92 Canada 26.39 United States 2.59 Bermuda 1.01 Ireland Switzerland 0.58 0.33 United Kingdom 0.19 Israel 0.00 Barbados 0.00 Europe

Asset Allocation (%)



Sector Allocation (Equities) (%)



Manulife Dividend Income Plus Fund¹

Series F • Performance as at August 31, 2022 • Holdings as at July 31, 2022

The fund's portfolio is

growth stocks.

DSC

4448

24448

1203

NL

4648

24648

1003

1656

_

biased toward large-cap

Overview

Overall Morningstar Rating²

Key Facts

Management Team: Essential Equity Team Inception date: October 2, 2000 Performance reset date: November 4, 2011³ AUM4: \$1.64B CIFSC category: Canadian Focused Equity Distribution frequency 5: Monthly Distribution yield⁶: 0.95% Positions: 71 Management fee: 0.77%

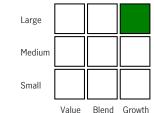
MER: 1.11% (as at 2021-12-31, includes HST) Min. investment: \$500 initial; \$25 PAC Fund Status: Open Risk: Moderate



Equity **Characteristics**

| 19.84 |
|----------|
| 3.13 |
| 17.05 |
| 18.89% |
| \$30.89B |
| 0.85% |
| |

Equity Style Box⁷



Fund Codes (MMF)

FE

4548

24548

1503

Series

Advisor

F - DCA

FT6

М

Τ6

Advisor - DCA

Why invest?

- Managed by the Manulife Essential Equity Team.
- · The team's focus is on creating a high returning conglomerate portfolio consisting of diversified businesses to ensure that revenue and earnings come from many different sources.
- Constructed using a fundamental, value based lens selecting Canadian, U.S and Global businesses.
- The portfolio managers focus on selecting businesses, which in aggregate have high and stable profitability, minimal financial leverage and are priced at an attractive valuation. The fund is ideal for clients looking for growth and a source of fixed monthly income.

Performance

Growth of \$10,000 since inception⁸



Calendar Returns (%)

| 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 2.32 | 29.98 | 17.38 | -1.55 | 10.85 | 27.96 | -5.60 | 16.75 | 23.87 | 22.69 |

Compound Returns (%)

| 1 Mth | 3 Mth | 6 Mth | YTD | 1 Yr | 3 Yrs | 5 Yrs | 10 Yrs | 15 Yrs | 20 Yrs | Inception |
|-------|-------|--------|--------|--------|-------|-------|--------|--------|--------|-----------|
| -3.71 | -1.31 | -12.75 | -25.78 | -25.12 | 5.19 | 8.07 | 10.85 | _ | _ | 9.97 |

| Risk Measures (5 yr.) | Standard Deviation (%) | Sortino Ratio | Sharpe Ratio | Alpha | Beta | R-Squared (%) |
|--------------------------|---------------------------|------------------|-----------------|-------|------|---------------|
| Fund | 18.48 | 0.65 | 0.25 | 0.17 | 1.04 | 69.05 |
| Benchmark ⁹ | 14.73 | 0.77 | 0.32 | _ | _ | _ |

4858 DSC/LL2/LL3 load options are available for switches only and are not available for new purchases.

LL2

4358

24358

LL3

4748

24748

1303

< >

Commentary Investment note

Star performers

Fund profile index



lonatha

Management

Portfolio advisor: Essential Equity Team

Chaudhari

Saurabh

Moudgil

Jonathan Popper

Prakash

Annual Distributions ⁵

| | Income | Dividends | Capital Gains | Return of Capital | Total |
|------|--------|-----------|------------------|----------------------|--------|
| 2021 | _ | - | \$1.30 | \$0.11 | \$1.41 |
| 2020 | — | - | — | \$0.12 | \$0.12 |
| 2019 | _ | - | \$0.22 | \$0.11 | \$0.33 |
| 2018 | — | - | \$0.94 | \$0.08 | \$1.02 |
| 2017 | _ | - | \$0.77 | - | \$0.77 |
| 2016 | _ | _ | \$0.25 | _ | \$0.25 |

Management Fee Reduction Rates¹⁰

| Account/Household Value Tiers | All Qualifying Investments |
|-------------------------------|----------------------------|
| \$250K+ to \$499K | 2.50 basis points |
| \$500K+ to \$999K | 5.00 basis points |
| \$1M+ to \$4.9M | 7.50 basis points |
| \$5M+ to \$9.9M | 10.00 basis points |
| \$10M+ | 12.50 basis points |

Top 10 Holdings (%) ¹¹

| 1. Canadian Pacific Railway Ltd. Com | 4.09 |
|---|------|
| 2. Constellation Software Inc. Com | 4.04 |
| 3. Brookfield Asset Management Inc. Voting Shs Cl A | 3.93 |
| 4. FirstService Corporation Com | 3.57 |
| 5. Trisura Group Ltd. Com New | 3.49 |
| 6. GFL Environmental Inc. Sub Vtg Shs | 3.41 |
| 7. ATS Automation Tooling Systems Inc. Com | 3.23 |
| 8. Fairfax Financial Holdings Ltd. Sub Vtg | 3.18 |
| 9. PAR Technology Corporation Com | 2.99 |
| 10.Microsoft Corp. Com | 2.91 |

Portfolio Allocation

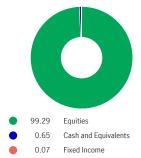
Geographic Allocation (%)

53.92 Canada 31.81 United States 4.02 United Kingdom 2.86 France 2.24 Netherlands 1.93 Italy 1.87 Sweden 0.77 Taiwan 0.58 Poland

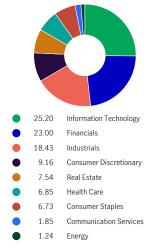
Asset Allocation (%)

Other

0.00



Sector Allocation (Equities) (%)



< >

Commentary nvestment note

Star performers

Manulife Fundamental Dividend Fund¹

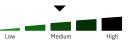
Series F • Performance as at August 31, 2022 • Holdings as at July 31, 2022

Overview

Overall Morningstar Rating²

Key Facts

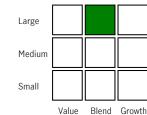
Management Team: Fundamental Equity Team Inception date: November 3, 2014 AUM³: \$532.53M CIFSC category: Canadian Dividend & Income Equity Distribution frequency⁴: Monthly Distribution yield⁵: 7.67% Positions: 43 Management fee: 0.77% MER: 1.10% (as at 2021-12-31, includes HST) Min. investment: \$500 initial; \$25 PAC Fund Status: Open Risk: Moderate



Equity Characteristics

| P/E Ratio | 11.56 |
|--------------------|----------|
| P/B Ratio | 1.92 |
| P/CF Ratio | 8.65 |
| ROE | 19.61% |
| Average Market Cap | \$50.31B |
| Dividend Yield | 3.62% |
| | |

Equity Style Box⁶



Fund Codes (MMF)

| Series | FE | LL2 | LL3 | DSC | NL |
|---------------|-------|-------|-------|-------|-------|
| Advisor | 3522 | 3073 | 3722 | 3422 | _ |
| Advisor - DCA | 23522 | 23073 | 23722 | 23422 | _ |
| F | _ | _ | _ | _ | 3622 |
| F - DCA | _ | _ | _ | _ | 23622 |
| FT6 | _ | _ | _ | _ | 3922 |
| Т6 | 3563 | 3173 | 3763 | 3463 | _ |

The fund's portfolio is

blend stocks.

biased toward large-cap

DSC/LL2/LL3 load options are available for switches only and are not available for new purchases.

Why invest?

- Managed by the Fundamental Equity Team
- Employs a fundamental bottom up approach focusing on selecting higher-yielding dividend companies with strong financial positions that have shown their ability to grow over time.
- The Portfolio Managers utilize a fundamental, bottom-up investment approach to select securities. Proprietary analysis is used to construct and analyze the historical economic earnings of a company in order to gain an understanding of the business being studied.

Performance

Growth of \$10,000 since inception⁷



Calendar Returns (%)

| 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|------|------|------|------|-------|------|-------|-------|------|-------|
| _ | _ | _ | 0.78 | 14.05 | 9.37 | -7.39 | 22.97 | 1.36 | 27.74 |

Compound Returns (%)

| 1 | Mth | 3 Mth | 6 Mth | YTD | 1 Yr | 3 Yrs | 5 Yrs | 10 Yrs | 15 Yrs | 20 Yrs | Inception |
|----|-----|-------|-------|-------|------|-------|-------|--------|--------|--------|-----------|
| -0 | .98 | -3.17 | -3.13 | -1.98 | 3.61 | 9.82 | 8.89 | _ | _ | _ | 7.81 |

| Risk Measures (5 yr.) | Standard Deviation (%) | Sortino Ratio | Sharpe Ratio | Alpha | Beta | R-Squared (%) |
|--------------------------|---------------------------|------------------|-----------------|-------|------|---------------|
| Fund | 11.96 | 1.09 | 0.47 | 1.65 | 0.89 | 89.36 |
| Benchmark ⁸ | 13.58 | 0.83 | 0.34 | _ | _ | _ |

Manulife Investment Management sales team

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Management

Portfolio advisor:

Fundamental Equity Team



Annual Distributions ⁴

| | Income | Dividends | Capital Gains | Return of Capital | Total |
|------|--------|-----------|------------------|----------------------|--------|
| 2021 | \$0.04 | \$0.20 | \$0.74 | \$0.45 | \$1.42 |
| 2020 | \$0.03 | \$0.17 | _ | \$0.52 | \$0.72 |
| 2019 | \$0.06 | \$0.22 | \$0.25 | \$0.40 | \$0.92 |
| 2018 | \$0.03 | \$0.17 | \$0.28 | \$0.47 | \$0.95 |
| 2017 | \$0.07 | \$0.28 | \$0.06 | \$0.40 | \$0.81 |
| 2016 | \$0.08 | \$0.11 | _ | \$0.35 | \$0.54 |

Management Fee Reduction Rates⁹

| Account/Household Value Tiers | All Qualifying Investments |
|-------------------------------|----------------------------|
| \$250K+ to \$499K | 2.50 basis points |
| \$500K+ to \$999K | 5.00 basis points |
| \$1M+ to \$4.9M | 7.50 basis points |
| \$5M+ to \$9.9M | 10.00 basis points |
| \$10M+ | 12.50 basis points |

Top 10 Holdings (%) 10

| 1. | Toronto-Dominion Bank Com New | 7.15 |
|----|---|------|
| 2. | Suncor Energy Inc. Com | 5.91 |
| 3. | Royal Bank of Canada Com | 5.72 |
| 4. | Enbridge Inc. Com | 5.59 |
| 5. | Bank of Nova Scotia (The) Com | 4.07 |
| 6. | Microsoft Corp. Com | 3.85 |
| 7. | Brookfield Infrastructure Partners L.P. Partnership Units | 3.55 |
| 8. | Fortis Inc. Com | 2.86 |
| 9. | Telus Corp. Com | 2.85 |
| 10 | .TMX Group Limited Com | 2.71 |

Portfolio Allocation

Geographic Allocation (%)

70.91 Canada 19.34 United States 3.55 Bermuda 3.38 Ireland 1.61 Netherlands 1.22 France -0.00 Switzerland

Sector Allocation (Equities) (%)



Asset Allocation (%)



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Commentary nvestment note

Manulife Fundamental Equity Fund¹

Series F • Performance as at August 31, 2022 • Holdings as at July 31, 2022

The fund's portfolio is

growth stocks.

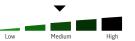
biased toward large-cap

Overview

Overall Morningstar Rating²

Key Facts

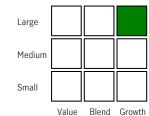
Management Team: Fundamental Equity Team Inception date: August 26, 2003 AUM³: \$986.97M CIFSC category: Canadian Focused Equity Distribution frequency ⁴: Quarterly Distribution yield⁵: 1.19% Positions: 68 Management fee: 0.77% MER: 1.08% (as at 2021-12-31, includes HST) Min. investment: \$500 initial; \$25 PAC Fund Status: Open Risk: Moderate



Equity

| Characteristics | |
|--------------------|----------|
| P/E Ratio | 20.08 |
| P/B Ratio | 2.91 |
| P/CF Ratio | 13.55 |
| ROE | 20.70% |
| Average Market Cap | \$74.57B |
| Dividend Yield | 1.81% |
| | |

Equity Style Box⁶



Fund Codes (MMF)

| Series | FE | LL2 | LL3 | DSC | NL |
|---------------|-------|-------|-------|-------|-------|
| Advisor | 599 | 3969 | 799 | 499 | _ |
| Advisor - DCA | 20599 | 23969 | 20799 | 20499 | _ |
| F | _ | — | — | _ | 699 |
| F - DCA | _ | _ | _ | _ | 20699 |
| FT6 | _ | _ | _ | _ | 1903 |
| М | _ | _ | _ | _ | 1359 |
| Т6 | 9599 | 9999 | 9799 | 9499 | _ |

DSC/LL2/LL3 load options are available for switches only and are not available for new purchases.

Why invest?

- Managed by the Fundamental Equity Team,
- Uses a bottom up, style agnostic approach to portfolio construction focusing on mainly Canadian companies exhibiting sustainable business models, predictable cash flows and growing dividends that can be returned to investors.
- The Portfolio Managers utilize a fundamental, bottom-up investment approach to select securities. Proprietary analysis is used to construct and analyze the historical economic earnings of a company in order to gain an understanding of the business being studied.

Performance

Growth of \$10,000 since inception⁷



Calendar Returns (%)

| 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|------|-------|-------|------|-------|-------|-------|-------|-------|-------|
| 3.05 | 20.06 | 14.37 | 2.29 | 10.12 | 11.26 | -2.18 | 26.01 | 10.29 | 29.09 |

Compound Returns (%)

| 1 Mth | 3 Mth | 6 Mth | YTD | 1 Yr | 3 Yrs | 5 Yrs | 10 Yrs | 15 Yrs | 20 Yrs | Inception |
|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|-----------|
| -2.33 | -0.49 | -2.03 | -7.38 | -1.37 | 11.21 | 11.91 | 11.33 | _ | _ | 8.59 |

| Risk Measures (5 yr.) | Standard Deviation (%) | Sortino Ratio | Sharpe Ratio | Alpha | Beta | R-Squared (%) |
|--------------------------|---------------------------|------------------|-----------------|-------|------|---------------|
| Fund | 12.94 | 1.50 | 0.67 | 4.67 | 0.84 | 79.55 |
| Benchmark ⁸ | 14.73 | 0.77 | 0.32 | _ | _ | _ |

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Commentary Investment note

Fund profiles

Management

Portfolio advisor:

Fundamental Equity Team



Patrick Blais

Annual Distributions⁴

| | Income | Dividends | Capital Gains | Return of Capital | Total |
|------|--------|-----------|------------------|----------------------|--------|
| 2021 | \$0.02 | \$0.26 | \$4.43 | _ | \$4.71 |
| 2020 | \$0.11 | \$0.21 | \$1.26 | _ | \$1.58 |
| 2019 | \$0.12 | \$0.30 | \$1.22 | _ | \$1.64 |
| 2017 | \$0.02 | \$0.21 | \$0.21 | - | \$0.44 |
| 2016 | \$0.01 | \$0.20 | \$0.61 | _ | \$0.82 |

Management Fee Reduction Rates⁹

| Account/Household Value Tiers | All Qualifying Investments |
|-------------------------------|----------------------------|
| \$250K+ to \$499K | 2.50 basis points |
| \$500K+ to \$999K | 5.00 basis points |
| \$1M+ to \$4.9M | 7.50 basis points |
| \$5M+ to \$9.9M | 10.00 basis points |
| \$10M+ | 12.50 basis points |

Top 10 Holdings (%) 10

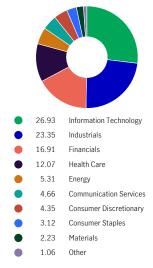
| 1. Microsoft Corp. Com | 5.01 |
|--|------|
| 2. Canadian National Railway Company Com | 4.65 |
| 3. Oracle Corp. Com | 4.49 |
| 4. Danaher Corp. Com | 4.46 |
| 5. Canadian Pacific Railway Ltd. Com | 4.08 |
| 6. McKesson Corp. Com | 4.06 |
| 7. Constellation Software Inc. Com | 3.86 |
| 8. TMX Group Limited Com | 3.84 |
| 9. Accenture PLC Shs Class A | 3.61 |
| 10.Thermo Fisher Scientific Inc. Com | 3.48 |

Portfolio Allocation

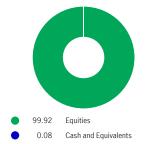
Geographic Allocation (%)

53.65 Canada 39.06 United States 5.74 Ireland 1.55 France 0.00 Europe 0.00 United Kingdom

Sector Allocation (Equities) (%)



Asset Allocation (%)



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Commentary nvestment note

Star performers

Fund profile index

Manulife Investment Management

Manulife Growth Opportunities Fund

Series F • Performance as at August 31, 2022 • Holdings as at July 31, 2022

The fund's portfolio is biased toward mid-cap

growth stocks.

Overview

Overall Morningstar Rating¹

★★★☆

Key Facts

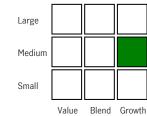
Inception date: August 17, 2000 AUM³: \$324.11M CIFSC category: Canadian Small/Mid Cap Equity Distribution frequency ⁴: Annual Positions: 60 Management fee: 0.90% MER: 1.24% (as at 2021-12-31, includes HST) Min. investment: \$500 initial; \$25 PAC Fund Status: Open Risk: Moderate to High



Equity Characteristics

| P/E Ratio | 9.56 |
|--------------------|---------|
| P/B Ratio | 1.77 |
| P/CF Ratio | 8.68 |
| ROE | 15.83% |
| Average Market Cap | \$4.45B |
| Dividend Yield | 2.12% |
| | |

Equity Style Box⁵



Fund Codes (MMF)

| Series | FE | LL2 | LL3 | DSC | NL |
|---------------|-------|-------|-------|-------|-------|
| Advisor | 588 | 3288 | 788 | 488 | _ |
| Advisor - DCA | 20588 | 23288 | 20788 | 20488 | _ |
| F | — | — | — | _ | 688 |
| F - DCA | _ | _ | _ | _ | 20688 |
| FT6 | _ | _ | _ | _ | 1021 |
| Т6 | 1521 | 3388 | 1321 | 1221 | _ |

DSC/LL2/LL3 load options are available for switches only and are not available for new purchases.

Why invest?

- Provides clients exposure to a diversified portfolio of small and mid-cap companies primarily from Canada.
- The highly experienced portfolio management team focuses on selecting undervalued companies with strong fundamentals, attractive valuations and identifiable catalysts for change.
- The portfolio manager's bottom-up approach to security selection systematically constructs a portfolio with a focus on generating superior absolute and relative returns.

Performance

Growth of \$10,000 since inception⁶



Calendar Returns (%)

| 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|-------|-------|------|------|------|------|--------|-------|-------|-------|
| -0.43 | 27.47 | 6.78 | 0.18 | 9.18 | 3.49 | -16.66 | 20.98 | 19.98 | 16.18 |

Compound Returns (%)

| 1 Mth | 3 Mth | 6 Mth | YTD | 1 Yr | 3 Yrs | 5 Yrs | 10 Yrs | 15 Yrs | 20 Yrs | Inception |
|-------|-------|-------|--------|--------|-------|-------|--------|--------|--------|-----------|
| -0.83 | -3.80 | -8.52 | -11.60 | -12.89 | 9.20 | 5.94 | 7.07 | _ | _ | 8.30 |

| Risk Measures (5 yr.) | Standard Deviation (%) | Sortino Ratio | Sharpe Ratio | Alpha | Beta | R-Squared (%) |
|--------------------------|---------------------------|------------------|-----------------|-------|------|---------------|
| Fund | 16.07 | 0.52 | 0.16 | 0.80 | 0.85 | 89.86 |
| Benchmark ⁷ | 18.73 | 0.41 | 0.11 | _ | _ | _ |

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Fund profiles

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| Luciano |
|---------|
| Orengo |

Management

Annual Distributions⁴

| | Income | Dividends | Capital Gains | Return of Capital | Total |
|------|--------|-----------|------------------|----------------------|--------|
| 2021 | _ | \$0.47 | \$7.20 | _ | \$7.67 |
| 2019 | \$0.00 | \$0.33 | _ | _ | \$0.33 |
| 2018 | \$0.02 | \$0.65 | \$2.67 | - | \$3.34 |
| 2017 | _ | \$0.31 | \$0.08 | _ | \$0.38 |
| 2016 | _ | \$0.20 | \$0.58 | _ | \$0.78 |

Management Fee Reduction Rates⁸

| Account/Household Value Tiers | All Qualifying Investments |
|-------------------------------|----------------------------|
| \$250K+ to \$499K | 2.50 basis points |
| \$500K+ to \$999K | 5.00 basis points |
| \$1M+ to \$4.9M | 7.50 basis points |
| \$5M+ to \$9.9M | 10.00 basis points |
| \$10M+ | 12.50 basis points |

Top 10 Holdings (%) ⁹

| 1. Tourmaline Oil Corp. Com | 4.13 |
|---------------------------------------|------|
| 2. StorageVault Canada Inc. Com | 3.53 |
| 3. Enerplus Corporation Com | 3.43 |
| 4. Freehold Royalties Ltd. Com | 3.25 |
| 5. Crescent Point Energy Corp. Com | 3.13 |
| 6. Northland Power Inc. Com | 2.90 |
| 7. Park Lawn Corporation Com | 2.86 |
| 8. Innergex Renewable Energy Inc. Com | 2.74 |
| 9. Federal Home Loan Banks, 8/18/2022 | 2.64 |
| 10.Granite REIT Stapled Unit | 2.62 |

Portfolio Allocation

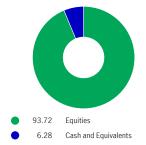
Geographic Allocation (%)

84.82 Canada 14.04 United States 1.15 Bermuda

Sector Allocation (Equities) (%)



Asset Allocation (%)



nvestment note Commentary

Manulife Covered Call U.S. Equity Fund

Series F • Performance as at August 31, 2022 • Holdings as at July 31, 2022

Overview

Overall Morningstar Rating¹

Key Facts

Inception date: October 2, 2000 AUM2: \$39.28M CIFSC category: U.S. Equity Distribution frequency ³: Annual Positions: 55 Management fee: 0.88% MER: 1.21% (as at 2021-12-31, includes HST) Min. investment: \$500 initial; \$25 PAC Fund Status: Open Risk: Moderate



Equity **Characteristics**

| P/E Ratio | 17.56 |
|--------------------|-----------|
| P/B Ratio | 3.41 |
| P/CF Ratio | 13.32 |
| ROE | 28.82% |
| Average Market Cap | \$267.22B |
| Dividend Yield | 2.14% |

Equity Style Box⁴



Value Blend Growth

Fund Codes (MMF)

| Series | FE | LL2 | LL3 | DSC | NL |
|---------------|-------|-------|-------|-------|-------|
| Advisor | 4561 | 4960 | 4761 | 4461 | _ |
| Advisor - DCA | 24561 | 24960 | 24761 | 24461 | _ |
| F | _ | _ | _ | _ | 4661 |
| F - DCA | _ | _ | _ | _ | 24661 |

The fund's portfolio is

blend stocks.

biased toward large-cap

DSC/LL2/LL3 load options are available for switches only and are not available for new purchases.

Why invest?

- This fund offers exposure to a diversified portfolio of primarily U.S. equity securities and employs a covered call overlay to seek stronger risk-adjusted performance.
- Employing a value approach, based on bottom up fundamental research the portfolio manager focuses on buying attractive business at the right price, looking for securities that are undervalued or offer potential for above average earnings growth.
- · Selling covered call options enhances the current income earned by the portfolio, which in turn provides lower volatility and downside risk mitigation by partially hedging against a decline in the price of the securities on which they are written.

Performance

Growth of \$10,000 since inception⁵



Calendar Returns (%)

| 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|-------|-------|-------|-------|------|-------|-------|-------|-------|-------|
| 15.96 | 39.94 | 18.84 | 13.14 | 3.61 | 11.53 | -1.28 | 20.75 | 11.91 | 20.72 |

Compound Returns (%)

| 1 Mth | 3 Mth | 6 Mth | YTD | 1 Yr | 3 Yrs | 5 Yrs | 10 Yrs | 15 Yrs | 20 Yrs | Inception |
|-------|-------|-------|--------|-------|-------|-------|--------|--------|--------|-----------|
| -0.56 | -0.88 | -4.41 | -11.12 | -8.74 | 8.59 | 9.33 | 12.35 | _ | _ | 2.26 |

| Risk Measures (5 yr.) | Standard Deviation (%) | Sortino Ratio | Sharpe Ratio | Alpha | Beta | R-Squared (%) |
|--------------------------|---------------------------|------------------|-----------------|-------|------|---------------|
| Fund | 11.07 | 1.29 | 0.57 | -1.36 | 0.84 | 91.93 |
| Benchmark ⁶ | 13.52 | 1.51 | 0.71 | _ | _ | _ |

Management sales team

Manulife Investment

> <

Star performers

Fund profile index

Manulife Investment Management (US) LLC

Management

Sub Advisor:



Management Fee Reduction Rates⁷

| Account/Household Value Tiers | All Qualifying Investments |
|-------------------------------|----------------------------|
| \$250K+ to \$499K | 2.50 basis points |
| \$500K+ to \$999K | 5.00 basis points |
| \$1M+ to \$4.9M | 7.50 basis points |
| \$5M+ to \$9.9M | 10.00 basis points |
| \$10M+ | 12.50 basis points |

Top 10 Holdings (%) ⁸

| 1. Alphabet Inc. CI A | 6.94 |
|-------------------------------------|------|
| 2. Microsoft Corp. Com | 6.79 |
| 3. Amazon.com Inc. Com | 5.55 |
| 4. Apple Inc. Com | 3.90 |
| 5. Broadcom Inc. Com | 3.70 |
| 6. Berkshire Hathaway Inc. CI B New | 3.31 |
| 7. UnitedHealth Group Inc. Com | 3.04 |
| 8. Comcast Corp. Cl A | 3.03 |
| 9. Walmart Inc. Com | 2.91 |

10.JPMorgan Chase & Co. Com

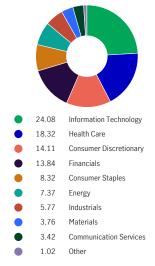
Portfolio Allocation

Geographic Allocation (%)

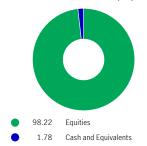
92.61 United States 2.25 United Kingdom 2.14 Canada 1.82 Germany 1.18 Belgium

Sector Allocation (Equities) (%)

2.89



Asset Allocation (%)



Management sales team Manulife Investment

Manulife U.S. All Cap Equity Fund

Series F • Performance as at August 31, 2022 • Holdings as at July 31, 2022

Overview

Overall Morningstar Rating¹

★★★☆☆

Key Facts

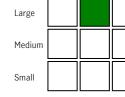
Management Team: U.S. Core Value Equity Team Inception date: August 19, 2011 AUM²: \$1.68B CIFSC category: U.S. Equity Distribution frequency ³: Annual Positions: 45 Management fee: 0.78% MER: 1.11% (as at 2021-12-31, includes HST) Min. investment: \$500 initial; \$25 PAC Fund Status: Open Risk: Moderate to High



Equity Characteristics

| P/E Ratio | 14.37 |
|--------------------|----------|
| P/B Ratio | 2.59 |
| P/CF Ratio | 12.55 |
| ROE | 19.22% |
| Average Market Cap | \$78.66B |
| Dividend Yield | 1.20% |
| | |

Equity Style Box⁴



Value Blend Growth

Fund Codes (MMF)

| Series | FE | LL2 | LL3 | DSC | NL |
|---------------|-------|-------|-------|-------|-------|
| Advisor | 4515 | 4925 | 4715 | 4415 | _ |
| Advisor - DCA | 24515 | 24925 | 24715 | 24415 | _ |
| F | _ | _ | _ | _ | 4615 |
| F - DCA | _ | _ | _ | _ | 24615 |
| FT6 | _ | _ | _ | _ | 1034 |
| М | _ | _ | _ | _ | 1267 |
| Т6 | 1534 | 4926 | 1334 | 1234 | _ |

The fund's portfolio is

blend stocks.

biased toward large-cap

DSC/LL2/LL3 load options are available for switches only and are not available for new purchases.

Why invest?

- Seeks to provide long-term capital appreciation by investing primarily in equity securities of U.S. companies of all sizes.
- Employs a disciplined seven step fundamental research process which produces bottom-up company assessments using key assumptions that drive sales, margins, and return on invested capital.
- Security selection focuses on best-of-breed companies with sustainable competitive advantages and strong cash flow generation, that are selling at a significant discount to intrinsic value (at or below 70 cents on the dollar)
- Portfolio designed to be opportunistic in its positioning within growth and value stocks across the market capitalization spectrum

Performance

Growth of \$10,000 since inception⁵



Calendar Returns (%)

| 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|-------|-------|-------|-------|------|-------|--------|-------|-------|-------|
| 18.24 | 41.08 | 17.82 | 11.12 | 9.65 | 24.77 | -13.60 | 33.12 | 19.04 | 28.47 |

Compound Returns (%)

| 1 Mth | 3 Mth | 6 Mth | YTD | 1 Yr | 3 Yrs | 5 Yrs | 10 Yrs | 15 Yrs | 20 Yrs | Inception |
|-------|-------|-------|--------|--------|-------|-------|--------|--------|--------|-----------|
| -2.91 | 0.16 | -9.37 | -17.33 | -15.50 | 12.14 | 9.76 | 14.64 | _ | _ | 15.38 |

| Risk Measures (5 yr.) | Standard Deviation (%) | Sortino Ratio | Sharpe Ratio | Alpha | Beta | R-Squared (%) |
|--------------------------|---------------------------|------------------|-----------------|-------|------|---------------|
| Fund | 20.38 | 0.73 | 0.31 | -5.33 | 1.33 | 88.64 |
| Benchmark ⁶ | 14.00 | 1.37 | 0.65 | _ | _ | _ |

Commentary Investment note

Star performers

Fund profile index

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Manulife Investment Management

Management

Portfolio advisor:

U.S. Core Value Equity Team

Sub Advisor:

Manulife Investment Management (US) LLC





Annual Distributions³

| | Income | Dividends | Capital Gains | Return of Capital | Total |
|------|--------|-----------|------------------|----------------------|--------|
| 2018 | \$0.09 | \$0.01 | \$0.71 | _ | \$0.80 |
| 2017 | \$0.10 | \$0.01 | \$2.44 | _ | \$2.55 |
| 2016 | \$0.06 | \$0.00 | \$1.08 | _ | \$1.14 |

Management Fee Reduction Rates⁷

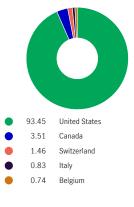
| Account/Household Value Tiers | All Qualifying Investments |
|-------------------------------|----------------------------|
| \$250K+ to \$499K | 2.50 basis points |
| \$500K+ to \$999K | 5.00 basis points |
| \$1M+ to \$4.9M | 7.50 basis points |
| \$5M+ to \$9.9M | 10.00 basis points |
| \$10M+ | 12.50 basis points |

Top 10 Holdings (%) 8

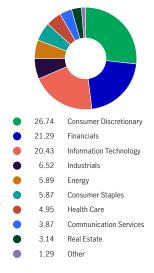
| 1. Amazon.com Inc. Com | 9.16 |
|--|------|
| 2. Alphabet Inc. CI A | 6.01 |
| 3. Lennar Corp. Cl A | 5.73 |
| 4. Morgan Stanley Com New | 4.66 |
| 5. Apple Inc. Com | 4.14 |
| 6. KKR & Co. Inc. Com | 4.13 |
| 7. Goldman Sachs Group Inc. (The) Com | 4.11 |
| 8. Salesforce.com Inc. Com | 3.47 |
| 9. BancWest Corp. Com | 3.47 |
| 10.Formula One Group Com Ser C Formula One | 3.47 |

Portfolio Allocation

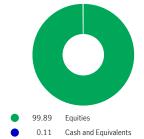
Geographic Allocation (%)



Sector Allocation (Equities) (%)



Asset Allocation (%)



Manulife Investment Management sales team

Commentary nvestment note

Star performers

Manulife U.S. Dividend Income Fund¹

Series F • Performance as at August 31, 2022 • Holdings as at July 31, 2022

Overview

Overall Morningstar Rating²

★★★☆

Key Facts

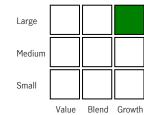
Management Team: Essential Equity Team Inception date: November 6, 2012 AUM³: \$935.04M CIFSC category: U.S. Equity Distribution frequency⁴: Monthly Distribution yield⁵: 1.05% Positions: 106 Management fee: 0.77% MER: 1.10% (as at 2021-12-31, includes HST) Min. investment: \$500 initial; \$25 PAC Fund Status: Open Risk: Moderate



Equity

| Characteristics | |
|--------------------|----------|
| P/E Ratio | 30.68 |
| P/B Ratio | 4.73 |
| P/CF Ratio | 20.08 |
| ROE | 27.27% |
| Average Market Cap | \$88.16B |
| Dividend Yield | 1.21% |
| | |

Equity Style Box⁶



Fund Codes (MMF)

| Series | FE | LL2 | LL3 | DSC | NL |
|---------------|-------|-------|-------|-------|-------|
| Advisor | 3555 | 3684 | 3755 | 3455 | _ |
| Advisor - DCA | 23555 | 23684 | 23755 | 23455 | _ |
| F | _ | _ | _ | — | 3655 |
| F - DCA | _ | _ | _ | _ | 23655 |
| FT6 | _ | — | — | _ | 3955 |
| те | 3584 | 3984 | 378/ | 3/8/ | _ |

The fund's portfolio is

growth stocks.

biased toward large-cap

DSC/LL2/LL3 load options are available for switches only and are not available for new purchases.

Why invest?

- Managed by the Manulife Essential Equity Team.
- The team's focus is on creating a high returning conglomerate portfolio consisting of diversified businesses to ensure that revenue and earnings come from many different sources.
- Constructed using a fundamental, value based lens selecting primarily U.S dividend-paying business.
- The portfolio managers focus on selecting businesses, which in aggregate have high and stable profitability, minimal financial leverage and are priced at an attractive valuation. The fund is ideal for clients looking for a fixed monthly income source and the growth.

Performance

Growth of \$10,000 since inception⁷



Calendar Returns (%)

| 2012 | 2013 | 2014 | 201 | 5 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|----------------------|------------------|------------------|------------|------|-------|-------|--------|--------|--------|-----------|
| _ | 35.11 | 25.13 | 18.3 | 31 | 6.29 | 14.50 | 2.67 | 23.77 | 21.49 | 31.02 |
| Compound Returns (%) | | | | | | | | | | |
| Comp | oound F | Returns | (%) | | | | | | | |
| | oound F 3 Mth | Returns 6 Mth | (%) YTD | 1 Yr | 3 Yrs | 5 Yrs | 10 Yrs | 15 Yrs | 20 Yrs | Inception |

| Risk Measures (5 yr.) | Standard Deviation (%) | Sortino Ratio | Sharpe Ratio | Alpha | Beta | R-Squared (%) |
|--------------------------|---------------------------|------------------|-----------------|-------|------|---------------|
| Fund | 14.29 | 1.26 | 0.60 | -0.67 | 0.98 | 81.40 |
| Benchmark ⁸ | 13.52 | 1.51 | 0.71 | _ | _ | _ |

Fund profile index



Star performers

Fund profile index

Conrad

Dabiet

Management

Portfolio advisor:

Essential Equity Team

Chris Hensen

Jonathan Popper

Annual Distributions ⁴

| | Income | Dividends | Capital Gains | Return of Capital | Total |
|------|--------|-----------|------------------|----------------------|--------|
| 2021 | \$0.13 | - | \$2.97 | \$0.10 | \$3.20 |
| 2020 | \$0.19 | \$0.01 | \$1.54 | \$0.02 | \$1.76 |
| 2019 | \$0.16 | \$0.00 | \$1.71 | \$0.04 | \$1.92 |
| 2017 | \$0.08 | \$0.01 | \$1.34 | - | \$1.43 |
| 2016 | \$0.07 | \$0.00 | \$3.88 | _ | \$3.95 |

Management Fee Reduction Rates⁹

| Account/Household Value Tiers | All Qualifying Investments |
|-------------------------------|----------------------------|
| \$250K+ to \$499K | 2.50 basis points |
| \$500K+ to \$999K | 5.00 basis points |
| \$1M+ to \$4.9M | 7.50 basis points |
| \$5M+ to \$9.9M | 10.00 basis points |
| \$10M+ | 12.50 basis points |

Top 10 Holdings (%) 10

| 1. United States Treasury Bill, 8/9/2022 | 5.46 |
|--|------|
| 2. Cadence Design Systems Inc. Com | 4.03 |
| 3. Cintas Corp. Com | 4.03 |
| 4. Roper Technologies Inc. Com | 4.02 |
| 5. SBA Communications Corp. REIT CI A | 4.01 |
| 6. Danaher Corp. Com | 4.01 |
| 7. Thermo Fisher Scientific Inc. Com | 3.97 |
| 8. Old Dominion Freight Line, Inc. Com | 3.00 |
| 9. Accenture PLC Shs Class A | 2.87 |
| 10.Microsoft Corp. Com | 2.76 |

Portfolio Allocation

Geographic Allocation (%)

89.21 United States 4.74 Ireland 4.53 Canada 0.74 United Kingdom

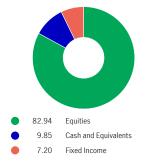
0.59 Switzerland

0.18 Israel

Sector Allocation (Equities) (%)



Asset Allocation (%)



Manulife Investment Management sales team

Investment note Commentary

Star performers

Fund profile index

Manulife U.S. Dollar U.S. All Cap Equity Fund

Series F • Performance as at August 31, 2022 • Holdings as at July 31, 2022

Overview

Overall Morningstar Rating¹

Key Facts

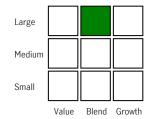
Management Team: U.S. Core Value Equity Team Inception date: December 24, 2013 AUM²: \$47.79M CIFSC category: U.S. Equity Distribution frequency 3: Annual Positions: 45 Management fee: 0.78% MER: 1.10% (as at 2021-12-31, includes HST) Min. investment: \$500 initial; n/a PAC Fund Status: Open Risk: Moderate to High



Equity **Characteristics**

| P/E Ratio | 14.31 |
|--------------------|----------|
| P/B Ratio | 2.59 |
| P/CF Ratio | 12.50 |
| ROE | 19.35% |
| Average Market Cap | \$60.48B |
| Dividend Yield | 1.20% |
| | |

Equity Style Box⁴



Fund Codes (MMF)

| Series | FE | LL2 | LL3 | DSC | NL |
|---------|------|------|------|------|------|
| Advisor | 9125 | 9053 | 9325 | 9025 | _ |
| F | _ | _ | _ | _ | 9026 |
| FT6 | _ | _ | _ | _ | 9126 |
| Т6 | 9826 | 9349 | 9926 | 9326 | _ |

The fund's portfolio is

blend stocks.

biased toward large-cap

DSC/LL2/LL3 load options are available for switches only and are not available for new purchases.

Why invest?

The Manulife US Core Value Equity Team utilizes a rigorous 7-step fundamental research process to filter out companies that the PMs believe may have sustainable competitive advantages with a valuation they believe to be at or below 70 cents on the dollar, using their intrinsic value calculation. Manulife U.S. All Cap Equity Fund can invest in U.S. equities in any sector with any market capitalization, allowing them to employ their process across the full U.S. equity spectrum.

Performance

Growth of \$10,000 since inception⁵



Calendar Returns (%)

| 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | |
|------|------|------|------|------|-------|--------|-------|-------|-------|--|
| _ | _ | 8.34 | 2.83 | 8.12 | 25.76 | -14.19 | 35.30 | 26.87 | 28.74 | |

Compound Returns (%)

| 1 Mth | 3 Mth | 6 Mth | YTD | 1 Yr | 3 Yrs | 5 Yrs | 10 Yrs | 15 Yrs | 20 Yrs | Inception |
|-------|-------|--------|--------|--------|-------|-------|--------|--------|--------|-----------|
| -4.41 | -2.40 | -11.35 | -19.41 | -17.54 | 14.09 | 10.74 | _ | _ | _ | 10.16 |

Management sales team

Manulife Investment

Commentary Investment note

Star performers

Fund profile index

<

Manulife Investment Management

Management

Portfolio advisor:

U.S. Core Value Equity Team

Sandy

Sanders

Sub Advisor:

Manulife Investment Management (US) LLC







Annual Distributions³

| | Income | Dividends | Capital Gains | Return of Capital | Total |
|------|--------|-----------|------------------|----------------------|--------|
| 2020 | _ | _ | \$0.14 | _ | \$0.14 |
| 2018 | _ | _ | \$0.49 | _ | \$0.49 |
| 2017 | _ | _ | \$0.58 | _ | \$0.58 |

Management Fee Reduction Rates⁶

| Account/Household Value Tiers | All Qualifying Investments |
|-------------------------------|----------------------------|
| \$250K+ to \$499K | 2.50 basis points |
| \$500K+ to \$999K | 5.00 basis points |
| \$1M+ to \$4.9M | 7.50 basis points |
| \$5M+ to \$9.9M | 10.00 basis points |
| \$10M+ | 12.50 basis points |

Top 10 Holdings (%)⁷

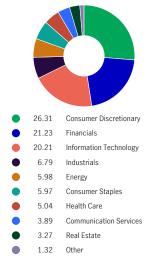
| 1. Amazon.com Inc. Com | 9.09 |
|--|------|
| 2. Alphabet Inc. Cl A | 5.84 |
| 3. Lennar Corp. Cl A | 5.53 |
| 4. Morgan Stanley Com New | 4.64 |
| 5. Apple Inc. Com | 4.18 |
| 6. Goldman Sachs Group Inc. (The) Com | 4.11 |
| 7. KKR & Co. Inc. Com | 4.10 |
| 8. Formula One Group Com Ser C Formula One | 3.47 |
| 9. Salesforce.com Inc. Com | 3.45 |
| 10.BancWest Corp. Com | 3.39 |

Portfolio Allocation

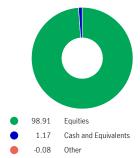
Geographic Allocation (%)

94.17 United States 3.20 Canada 1.44 Switzerland 0.78 Belgium 0.42 Italy

Sector Allocation (Equities) (%)



Asset Allocation (%)



Management sales team Manulife Investment

Manulife U.S. Equity Fund

Series F • Performance as at August 31, 2022 • Holdings as at July 31, 2022

The fund's portfolio is biased toward large-cap

blend stocks.

Overview

Overall Morningstar Rating¹

Key Facts

Inception date: June 27, 2008 AUM²: \$1.13B CIFSC category: U.S. Equity Distribution frequency ³: Annual Positions: 64 Management fee: 0.78% MER: 1.12% (as at 2021-12-31, includes HST) Min. investment: \$500 initial; \$25 PAC Fund Status: Open Risk: Moderate



Equity Characteristics

| 22.97 |
|-----------|
| 4.76 |
| 18.98 |
| 31.03% |
| \$121.82B |
| 1.46% |
| |

Equity Style Box⁴



Value Blend Growth

Fund Codes (MMF)

| Series | FE | LL2 | LL3 | DSC | NL |
|---------------|-------|-------|-------|-------|-------|
| Advisor | 4504 | 4854 | 4704 | 4404 | _ |
| Advisor - DCA | 24504 | 24854 | 24704 | 24404 | _ |
| F | _ | _ | _ | _ | 4604 |
| F - DCA | _ | _ | _ | _ | 24604 |
| FT6 | _ | — | _ | — | 1062 |
| М | _ | _ | _ | _ | 1667 |
| T6 | 1562 | 4862 | 1362 | 1262 | _ |

DSC/LL2/LL3 load options are available for switches only and are not available for new purchases.

Why invest?

- Equity selection process is based on Mawer Investment Management's disciplined, fundamentally based bottom-up research process, which includes a strong focus on downside protection
- Portfolio management team employs a long-term approach to managing a portfolio of high-conviction securities
- Holdings are diversified by sector, industry, and company size and may benefit from a variety of market conditions

Performance

Growth of \$10,000 since inception⁵



Calendar Returns (%)

| 2 | 012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|------|-------|-------|-------|------|-------|-------|-------|-------|-------|
| 1 | 2.87 | 42.22 | 20.81 | 19.30 | 5.78 | 13.21 | 10.03 | 25.14 | 14.04 | 23.18 |

Compound Returns (%)

| 1 Mth | 3 Mth | 6 Mth | YTD | 1 Yr | 3 Yrs | 5 Yrs | 10 Yrs | 15 Yrs | 20 Yrs | Inception | |
|-------|-------|-------|--------|-------|-------|-------|--------|--------|--------|-----------|--|
| -2.01 | 0.61 | -4.80 | -14.41 | -9.67 | 7.82 | 12.37 | 15.67 | _ | _ | 12.70 | |

| Risk Measures (5 yr.) | Standard Deviation (%) | Sortino Ratio | Sharpe Ratio | Alpha | Beta | R-Squared (%) | |
|--------------------------|---------------------------|------------------|-----------------|-------|------|---------------|--|
| Fund | 12.59 | 1.65 | 0.74 | 0.98 | 0.89 | 89.79 | |
| Benchmark ⁶ | 13.52 | 1.51 | 0.71 | _ | _ | _ | |

Colin Wong

> <

Management

Sub Advisor:

Mawer Investment Management Ltd.



Annual Distributions³

| | Income | Dividends | Capital Gains | Return of Capital | Total |
|------|--------|-----------|------------------|----------------------|--------|
| 2021 | \$0.02 | _ | \$0.07 | _ | \$0.09 |
| 2018 | \$0.13 | _ | \$0.42 | _ | \$0.54 |
| 2016 | \$0.04 | _ | \$0.03 | _ | \$0.08 |

Management Fee Reduction Rates⁷

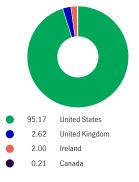
| Account/Household Value Tiers | All Qualifying Investments |
|-------------------------------|----------------------------|
| \$250K+ to \$499K | 2.50 basis points |
| \$500K+ to \$999K | 5.00 basis points |
| \$1M+ to \$4.9M | 7.50 basis points |
| \$5M+ to \$9.9M | 10.00 basis points |
| \$10M+ | 12.50 basis points |

Top 10 Holdings (%) ⁸

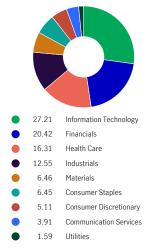
| 1. Microsoft Corp. Com | 4.59 |
|--------------------------------|------|
| 2. Marsh & McLennan Cos. Com | 4.34 |
| 3. Alphabet Inc. Cap Stk CI C | 4.31 |
| 4. Amphenol Corp. Cl A | 3.74 |
| 5. Visa Inc. Com CI A | 3.69 |
| 6. UnitedHealth Group Inc. Com | 3.19 |
| 7. Paychex, Inc. Com | 3.00 |
| 8. Procter & Gamble Co. Com | 2.90 |
| 9. CME Group Inc. Com | 2.88 |
| 10.Waters Corporation Com | 2.88 |

Portfolio Allocation

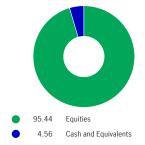
Geographic Allocation (%)



Sector Allocation (Equities) (%)



Asset Allocation (%)



Fund profiles

Star performers

Manulife U.S. Opportunities Fund

Series F • Performance as at August 31, 2022 • Holdings as at July 31, 2022

The fund's portfolio is

blend stocks.

biased toward large-cap

Overview

Overall Morningstar Rating¹

Key Facts

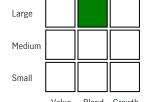
Inception date: October 2, 2000 AUM2: \$85.94M CIFSC category: U.S. Equity Distribution frequency ³: Annual Positions: 55 Management fee: 0.88% MER: 1.22% (as at 2021-12-31, includes HST) Min. investment: \$500 initial; \$25 PAC Fund Status: Open Risk: Moderate



Equity **Characteristics**

| P/E Ratio | 17.65 |
|--------------------|-----------|
| P/B Ratio | 3.43 |
| P/CF Ratio | 13.39 |
| ROE | 29.02% |
| Average Market Cap | \$264.79B |
| Dividend Yield | 2.15% |
| | |

Equity Style Box⁴



Value Blend Growth

Fund Codes (MMF)

| Series | FE | LL2 | LL3 | DSC | NL |
|---------------|-------|-------|-------|-------|-------|
| Advisor | 4543 | 4357 | 4743 | 4443 | _ |
| Advisor - DCA | 24543 | 24357 | 24743 | 24443 | _ |
| F | _ | _ | _ | — | 4643 |
| F - DCA | _ | _ | _ | _ | 24643 |
| FT6 | _ | _ | _ | — | 1066 |
| T6 | 1566 | 4857 | 1366 | 1266 | |

DSC/LL2/LL3 load options are available for switches only and are not available for new purchases.

Why invest?

- · Provides clients exposure to a broad portfolio of primarily US companies with unrecognized earnings power, strong operating structures, good barriers to entry, that are well positioned within their competitive landscapes.
- Constructed using a bottom-up, stock by stock approach, the portfolio managers focus on identifying companies trading at a deep discount to intrinsic value with an attractive business model or compelling value proposition.
- The team seeks to invest in companies that have a margin of safety in the business, a margin of safety in the valuation, and positive company specific catalysts

Performance

Growth of \$10,000 since inception⁵



Calendar Returns (%)

| 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | |
|-------|-------|-------|-------|------|-------|-------|-------|-------|-------|--|
| 15.78 | 39.71 | 19.18 | 12.97 | 5.41 | 12.73 | -1.80 | 24.15 | 16.80 | 26.82 | |

Compound Returns (%)

| Risk | | Sta | andard | | Sortino | Sha | rpe | Alpha | Poto | R-Squared (%) |
|-------|-------|-------|--------|--------|---------|-------|--------|-------|------|---------------|
| 1.35 | -1.97 | -6.60 | -13.86 | -10.62 | 11.26 | 11.32 | 13.61 | _ | _ | 5.65 |
| 1 Mth | 3 Mth | 6 Mth | YTD | 1 Yr | 3 Yrs | 5 Yrs | 10 Yrs | 15 Yr | s 20 | Yrs Inception |

| Measures (5 yr.) | Deviation (%) | Ratio | Ratio | Ratio | | R-Squared (%) | |
|------------------------|---------------|-------|-------|-------|------|---------------|--|
| Fund | 13.87 | 1.26 | 0.59 | -1.58 | 1.02 | 95.95 | |
| Benchmark ⁶ | 13.52 | 1.51 | 0.71 | _ | _ | _ | |

Investment note

Star performers

Fund profile index

Management sales team Manulife Investment

Commentary

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Manulife Investment Management

Management

Sub Advisor:

Manulife Investment Management (US) LLC



Michael Scanlon

Annual Distributions ³

| | Income | Dividends | Capital Gains | Return of Capital | Total |
|------|--------|-----------|------------------|----------------------|--------|
| 2019 | \$0.11 | \$0.02 | _ | - | \$0.13 |
| 2018 | \$0.04 | \$0.01 | _ | _ | \$0.05 |

Management Fee Reduction Rates⁷

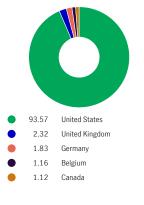
| Account/Household Value Tiers | All Qualifying Investments |
|-------------------------------|----------------------------|
| \$250K+ to \$499K | 2.50 basis points |
| \$500K+ to \$999K | 5.00 basis points |
| \$1M+ to \$4.9M | 7.50 basis points |
| \$5M+ to \$9.9M | 10.00 basis points |
| \$10M+ | 12.50 basis points |
| | |

Top 10 Holdings (%) ⁸

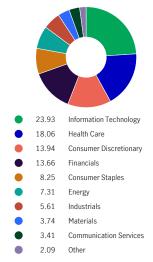
| 1. Microsoft Corp. Com | 6.98 |
|-------------------------------------|------|
| 2. Alphabet Inc. CI A | 6.74 |
| 3. Amazon.com Inc. Com | 5.58 |
| 4. Apple Inc. Com | 3.94 |
| 5. Broadcom Inc. Com | 3.80 |
| 6. Berkshire Hathaway Inc. Cl B New | 3.39 |
| 7. Comcast Corp. CI A | 3.11 |
| 8. UnitedHealth Group Inc. Com | 3.05 |
| 9. Walmart Inc. Com | 3.01 |
| 10.JPMorgan Chase & Co. Com | 2.88 |

Portfolio Allocation

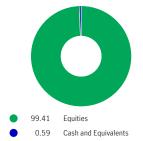
Geographic Allocation (%)



Sector Allocation (Equities) (%)



Asset Allocation (%)



Commentary nvestment note

Star performers

Fund profile index

<

Manulife U.S. Dollar U.S. Dividend Income Fund

Series F • Performance as at August 31, 2022 • Holdings as at July 31, 2022

Overview

Key Facts

Management Team: Essential Equity Team Inception date: May 4, 2021 AUM¹: \$11.95M CIFSC category: U.S. Equity Distribution frequency²: Monthly Distribution yield³: 1.62% Positions: 97 Management fee: 0.77% Min. investment: \$500 initial; n/a PAC Fund Status: Open Risk: Moderate



Equity Characteristics

| P/E Ratio | 31.21 |
|--------------------|----------|
| P/B Ratio | 4.75 |
| P/CF Ratio | 20.37 |
| ROE | 25.87% |
| Average Market Cap | \$63.84B |
| Dividend Yield | 1.13% |
| | |

Fund Codes (MMF)

| Series | FE | LL2 | LL3 | DSC | NL |
|---------|-----------|------|--------------|----------------|----------|
| Advisor | 8564 | 8764 | 8864 | 8464 | _ |
| F | _ | _ | _ | _ | 8664 |
| FT6 | _ | _ | _ | _ | 8064 |
| T6 | 8364 | 8756 | 8856 | 8456 | _ |
| | 2 lood on | +: | unilable fou | a witch a a ar | lu and a |

DSC/LL2/LL3 load options are available for switches only and are not available for new purchases.

Why invest?

- Managed by the Manulife Essential Equity Team.
- The team's focus is on creating a high returning conglomerate portfolio consisting of diversified businesses to ensure that revenue and earnings come from many different sources.
- Constructed using a fundamental, value based lens selecting primarily U.S dividend-paying business.
- The portfolio managers focus on selecting businesses, which in aggregate have high and stable profitability, minimal financial leverage and are priced at an attractive valuation. The fund is ideal for clients looking for a fixed monthly income source and the growth.

Performance

Growth of \$10,000 since inception⁴



Calendar Returns (%)

Performance cannot be shown until one year after the Fund's inception.

Compound Returns (%)

| 1 Mth | 3 Mth | 6 Mth | YTD | 1 Yr | 3 Yrs | 5 Yrs | 10 Yrs | 15 Yrs | 20 Yrs | Inception |
|-------|-------|-------|--------|--------|-------|-------|--------|--------|--------|-----------|
| -3.64 | -0.64 | -5.85 | -20.48 | -14.78 | _ | _ | _ | _ | _ | -2.17 |

Management sales team

Manulife Investment

Chris

Hensen



> Management Portfolio advisor:

Essential Equity Team



Jonathan Popper

Management Fee Reduction Rates⁵

| Account/Household Value Tiers | All Qualifying Investments |
|-------------------------------|----------------------------|
| \$250K+ to \$499K | 2.50 basis points |
| \$500K+ to \$999K | 5.00 basis points |
| \$1M+ to \$4.9M | 7.50 basis points |
| \$5M+ to \$9.9M | 10.00 basis points |
| \$10M+ | 12.50 basis points |

Top 10 Holdings (%) 6

| 1. United States Treasury Bill, 8/23/2022 | 10.42 |
|---|-------|
| 2. Cadence Design Systems Inc. Com | 4.03 |
| 3. Cintas Corp. Com | 4.02 |
| 4. Roper Technologies Inc. Com | 4.01 |
| 5. Danaher Corp. Com | 4.00 |
| 6. SBA Communications Corp. REIT CI A | 4.00 |
| 7. Thermo Fisher Scientific Inc. Com | 3.97 |
| 8. Old Dominion Freight Line, Inc. Com | 2.98 |
| 9. Accenture PLC Shs Class A | 2.86 |
| 10.Microsoft Corp. Com | 2.74 |

Portfolio Allocation

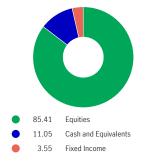
Geographic Allocation (%)

90.46 United States 4.69 Ireland 3.42 Canada 0.68 United Kingdom 0.57 Switzerland 0.18 Israel

Sector Allocation (Equities) (%)



Asset Allocation (%)



Manulife U.S. Dollar U.S. Equity Fund

Series F • Performance as at August 31, 2022 • Holdings as at July 31, 2022

Overview

Key Facts

Inception date: May 4, 2021 AUM¹: \$7.12M CIFSC category: U.S. Equity Distribution frequency²: Annual Positions: 61 Management fee: 0.78% Min. investment: \$500 initial; n/a PAC Fund Status: Open Risk: Moderate



Equity Characteristics

| P/E Ratio | 23.02 |
|--------------------|----------|
| P/B Ratio | 4.80 |
| P/CF Ratio | 19.05 |
| ROE | 31.19% |
| Average Market Cap | \$93.22B |
| Dividend Yield | 1.46% |
| | |

Fund Codes (MMF)

| Series | FE | LL2 | LL3 | DSC | NL |
|---------|------|------|------|------|------|
| Advisor | 8565 | 8765 | 8865 | 8465 | _ |
| F | _ | _ | _ | _ | 8665 |
| FT6 | _ | _ | _ | _ | 8065 |
| Т6 | 8365 | 8757 | 8857 | 8457 | _ |

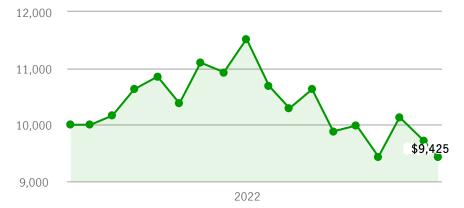
DSC/LL2/LL3 load options are available for switches only and are not available for new purchases.

Why invest?

- Equity selection process is based on Mawer Investment Management's disciplined, fundamentally based bottom-up research process, which includes a strong focus on downside protection
- Portfolio management team employs a long-term approach to managing a portfolio of high-conviction securities
- Holdings are diversified by sector, industry, and company size and may benefit from a variety of market conditions

Performance

Growth of \$10,000 since inception³



Calendar Returns (%)

Performance cannot be shown until one year after the Fund's inception.

Compound Returns (%)

| 1 Mth | 3 Mth | 6 Mth | YTD | 1 Yr | 3 Yrs | 5 Yrs | 10 Yrs | 15 Yrs | 20 Yrs | Inception |
|-------|-------|-------|--------|--------|-------|-------|--------|--------|--------|-----------|
| -4.08 | -2.68 | -5.55 | -15.62 | -10.43 | _ | _ | _ | _ | _ | -2.38 |

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Star performers

Manulife Investment Management sales team

Management

Sub Advisor:

Mawer Investment Management Ltd.



Management Fee Reduction Rates⁴

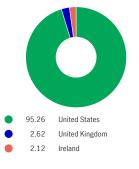
| Account/Household Value Tiers | All Qualifying Investments |
|-------------------------------|----------------------------|
| \$250K+ to \$499K | 2.50 basis points |
| \$500K+ to \$999K | 5.00 basis points |
| \$1M+ to \$4.9M | 7.50 basis points |
| \$5M+ to \$9.9M | 10.00 basis points |
| \$10M+ | 12.50 basis points |

Top 10 Holdings (%) 5

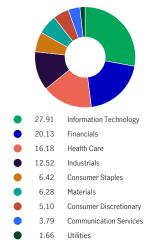
| 1. Microsoft Corp. Com | 4.75 |
|--------------------------------|------|
| 2. Marsh & McLennan Cos. Com | 4.38 |
| 3. Alphabet Inc. Cap Stk Cl C | 4.28 |
| 4. Amphenol Corp. Cl A | 4.04 |
| 5. Visa Inc. Com Cl A | 3.79 |
| 6. Paychex, Inc. Com | 3.19 |
| 7. UnitedHealth Group Inc. Com | 3.18 |
| 8. Waters Corporation Com | 3.00 |
| 9. Procter & Gamble Co. Com | 2.94 |
| 10.CME Group Inc. Com | 2.88 |

Portfolio Allocation

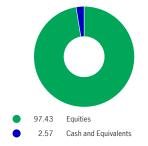
Geographic Allocation (%)



Sector Allocation (Equities) (%)



Asset Allocation (%)



Commentary nvestment note

Star performers

Fund profile index

<

Manulife U.S. Dollar U.S. Mid-Cap Equity Fund

Series F \bullet Holdings as at July 31, 2022

Overview

Key Facts

Management Team: Mawer Investment Management Ltd. Inception date: March 22, 2022 AUM¹: \$2.68M CIFSC category: U.S. Small/Mid Cap Equity Distribution frequency ²: Annual Positions: 39 Management fee: 0.83% Min. investment: \$500 initial; \$25 PAC Fund Status: Open Risk: Moderate



Fund Codes (MMF)

| Series | FE | LL2 | LL3 | DSC | NL |
|---------|------|------|------|------|------|
| Advisor | 8253 | 8453 | 8353 | 8053 | _ |
| F | — | _ | _ | _ | 8555 |
| FT6 | _ | _ | _ | _ | 8655 |
| Т6 | 8853 | 8055 | 8953 | 8753 | _ |

DSC/LL2/LL3 load options are available for switches only and are not available for new purchases.

Why invest?

- The fund employs Mawer's time-tested bottom-up security selection process that aims to provide investors with above average, long-term, risk-adjusted returns
- Adding U.S. mid-cap exposure to portfolios can benefit investors with additional diversification and can
 potentially help mitigate concentration risk
- The U.S. Mid cap market offers exposure to established companies in niche industries along with potential leaders in fast-growing industries

Performance

Performance cannot be shown until one year after the Fund's inception.

Calendar Returns (%)

Performance cannot be shown until one year after the Fund's inception.

Compound Returns (%)

Performance cannot be shown until one year after the Fund's inception.

Fund profiles

Investment note

Commentary

Star performers

Fund profile index

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Manulife Investment Management

Management

Portfolio advisor:

Mawer Investment Management Ltd.

Sub Advisor:

Mawer Investment Management Ltd.



Management Fee Reduction Rates³

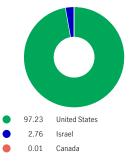
| Account/Household Value Tiers | All Qualifying Investments |
|-------------------------------|----------------------------|
| \$250K+ to \$499K | 2.50 basis points |
| \$500K+ to \$999K | 5.00 basis points |
| \$1M+ to \$4.9M | 7.50 basis points |
| \$5M+ to \$9.9M | 10.00 basis points |
| \$10M+ | 12.50 basis points |
| | |

Top 10 Holdings (%) 4

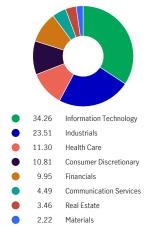
| 1. Charles River Laboratories International Inc. Com | 4.54 |
|--|------|
| 2. CDW Corp. Com | 4.43 |
| 3. Amphenol Corp. Cl A | 4.36 |
| 4. FTI Consulting Inc. Com | 4.24 |
| 5. XPEL, Inc. Com | 4.21 |
| 6. KLA Corp. Com | 4.04 |
| 7. Insperity, Inc. Com | 3.50 |
| 8. CBRE Group Inc. CI A | 3.23 |
| 9. LHC Group, Inc. Com | 3.06 |
| 10.Winmark Corporation Com | 2.99 |

Portfolio Allocation

Geographic Allocation (%)



Sector Allocation (Equities) (%)



Asset Allocation (%)



Manulife Investment Management sales team

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Commentary Investment note

Fund profiles

Manulife U.S. Mid-Cap Equity Fund

Series F • Holdings as at July 31, 2022

Overview

Key Facts

Management Team: Mawer Investment Management Ltd. Inception date: March 22, 2022 AUM¹: \$34.58M CIFSC category: U.S. Small/Mid Cap Equity Distribution frequency ²: Annual Positions: 40 Management fee: 0.83% Min. investment: \$500 initial; \$25 PAC Fund Status: Open Risk: Moderate





Fund Codes (MMF)

| Series | FE | LL2 | LL3 | DSC | NL |
|---------------|-------|------|------|------|-------|
| Advisor | 8252 | 8452 | 8352 | 8052 | _ |
| Advisor - DCA | 28252 | _ | _ | _ | _ |
| F | _ | _ | _ | _ | 8554 |
| F - DCA | _ | _ | _ | _ | 28554 |
| FT6 | _ | _ | _ | _ | 8654 |
| T6 | 8852 | 8054 | 8952 | 8752 | _ |

DSC/LL2/LL3 load options are available for switches only and are not available for new purchases.

Why invest?

- The fund employs Mawer's time-tested bottom-up security selection process that aims to provide investors with above average, long-term, risk-adjusted returns
- Adding U.S. mid-cap exposure to portfolios can benefit investors with additional diversification and can potentially help mitigate concentration risk
- The U.S. Mid cap market offers exposure to established companies in niche industries along with potential leaders in fast-growing industries

Performance

Performance cannot be shown until one year after the Fund's inception.

Calendar Returns (%)

Performance cannot be shown until one year after the Fund's inception.

Compound Returns (%)

Performance cannot be shown until one year after the Fund's inception.

Investment note

Star performers

Fund profile index

Commentary

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Manulife Investment Management

Management

lanagement

Portfolio advisor:

Mawer Investment Management Ltd.

Sub Advisor:

Mawer Investment Management Ltd.



Management Fee Reduction Rates³

| Account/Household Value Tiers | All Qualifying Investments |
|-------------------------------|----------------------------|
| \$250K+ to \$499K | 2.50 basis points |
| \$500K+ to \$999K | 5.00 basis points |
| \$1M+ to \$4.9M | 7.50 basis points |
| \$5M+ to \$9.9M | 10.00 basis points |
| \$10M+ | 12.50 basis points |

Top 10 Holdings (%) 4

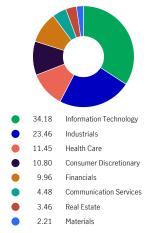
| 1. | Charles River Laboratories International Inc. Com | 4.44 |
|----|---|------|
| 2. | CDW Corp. Com | 4.33 |
| 3. | Amphenol Corp. Cl A | 4.26 |
| 4. | FTI Consulting Inc. Com | 4.15 |
| 5. | XPEL, Inc. Com | 4.11 |
| 6. | KLA Corp. Com | 3.96 |
| 7. | United States Treasury Bill, 10/20/2022 | 3.64 |
| 8. | Insperity, Inc. Com | 3.41 |
| 9. | CBRE Group Inc. CI A | 3.16 |
| 10 | .LHC Group, Inc. Com | 3.15 |

Portfolio Allocation

Geographic Allocation (%)

95.90 United States 2.70 Israel 1.40 Canada

Sector Allocation (Equities) (%)



Asset Allocation (%)



Manulife Investment Management sales team Star performers

Fund profile index

Manulife Climate Action Fund

Series F • Performance as at August 31, 2022 • Holdings as at July 31, 2022

Overview

Key Facts

Management Team: Fundamental Equity Team Inception date: April 30, 2021 AUM1: \$60.85M CIFSC category: Global Equity Distribution frequency 2: Annual Positions: 32 Management fee: 0.72% Min. investment: \$500 initial; \$25 PAC Fund Status: Open Risk: Moderate



Equity . ..

| 24.67 |
|-----------|
| 4.02 |
| 15.55 |
| 25.81% |
| \$109.43B |
| 1.58% |
| |

Fund Codes (MMF)

| Series | FE | LL2 | LL3 | DSC | NL |
|---------------|-------|------|------|------|-------|
| Advisor | 8562 | 8762 | 8862 | 8462 | _ |
| Advisor - DCA | 28562 | _ | _ | _ | _ |
| F | _ | _ | _ | _ | 8662 |
| F - DCA | _ | _ | _ | _ | 28662 |
| FT6 | _ | _ | _ | _ | 8062 |
| Т6 | 8362 | 8754 | 8854 | 8454 | _ |

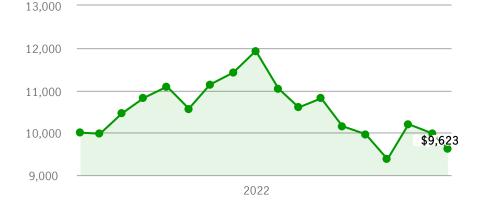
DSC/LL2/LL3 load options are available for switches only and are not available for new purchases.

Why invest?

- Managed by the Manulife Fundamental Equity Team
- · Seeks to provide long-term capital growth by investing in global equity securities of issuers with a strong competitive advantage who are also leaders in making positive contributions to climate change mitigation.
- · The portfolio advisor uses a fundamental, bottom-up investment approach with a focus on creating a portfolio aligned with the Paris Agreement climate target to hold the global average temperature increase to well below 2°C above pre-industrial levels and pursuing efforts to limit the temperature increase to 1.5°C above pre-industrial levels.

Performance

Growth of \$10,000 since inception³



Calendar Returns (%)

| 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|------|------|------|------|------|------|------|------|------|------|
| _ | _ | _ | _ | _ | _ | _ | _ | _ | _ |

Compound Returns (%)

| 1 Mth | 3 Mth | 6 Mth | YTD | 1 Yr | 3 Yrs | 5 Yrs | 10 Yrs | 15 Yrs | 20 Yrs | Inception |
|-------|-------|-------|--------|-------|-------|-------|--------|--------|--------|-----------|
| -2.16 | 0.16 | -5.81 | -16.34 | -9.98 | _ | _ | _ | _ | _ | -0.64 |

Management sales team Manulife Investment

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Star performers

Management

Portfolio advisor:

Fundamental Equity Team

| Patrick Blais | Steve Belisle |
|---------------|---------------|
| Cavan Yie | |

Annual Distributions²

| | Income | Dividends | Capital Gains | Return of Capital | Total |
|------|--------|-----------|------------------|----------------------|--------|
| 2021 | \$0.00 | \$0.00 | \$0.04 | _ | \$0.04 |

Management Fee Reduction Rates⁴

| Account/Household Value Tiers | All Qualifying Investments |
|-------------------------------|----------------------------|
| \$250K+ to \$499K | 2.50 basis points |
| \$500K+ to \$999K | 5.00 basis points |
| \$1M+ to \$4.9M | 7.50 basis points |
| \$5M+ to \$9.9M | 10.00 basis points |
| \$10M+ | 12.50 basis points |

Top 10 Holdings (%) 5

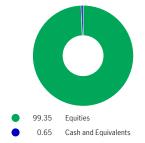
| 1. | Microsoft Corp. Com | 7.26 |
|----|-----------------------------------|------|
| 2. | Oracle Corp. Com | 4.38 |
| 3. | Accenture PLC Shs Class A | 4.32 |
| 4. | Schneider Electric S.E. Shs | 4.10 |
| 5. | CSX Corp. Com | 4.02 |
| 6. | Visa Inc. Com Cl A | 4.02 |
| 7. | Thermo Fisher Scientific Inc. Com | 3.78 |
| 8. | Deutsche Boerse AG Namen -Akt | 3.72 |
| 9. | S&P Global Inc. | 3.69 |
| 10 |).Danaher Corp. Com | 3.67 |

Portfolio Allocation

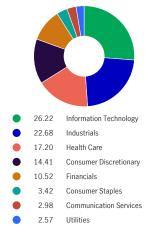
Geographic Allocation (%)



Asset Allocation (%)



Sector Allocation (Equities) (%)



Star performers

Manulife Emerging Markets Fund¹

Series F • Performance as at August 31, 2022 • Holdings as at July 31, 2022

The fund's portfolio is biased toward large-cap

blend stocks.

Overview

Overall Morningstar Rating²

★★★☆☆

Key Facts

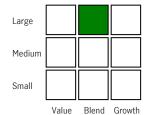
Management Team: Emerging Markets Equity Team Inception date: May 26, 2014 AUM³: \$287.90M CIFSC category: Emerging Markets Equity Distribution frequency⁴: Annual Positions: 69 Management fee: 0.90% MER: 1.36% (as at 2021-12-31, includes HST) Min. investment: \$500 initial; \$25 PAC Fund Status: Open Risk: Moderate to High



Equity Characteristics

| Sharaoteristics | |
|-------------------|----------|
| P/E Ratio | 13.93 |
| P/B Ratio | 2.29 |
| P/CF Ratio | 9.69 |
| ROE | 20.38% |
| Verage Market Cap | \$56.91B |
| Dividend Yield | 3.56% |

Equity Style Box⁵



Fund Codes (MMF)

| Series | FE | LL2 | LL3 | DSC | NL |
|---------------|-------|-------|-------|-------|-------|
| Advisor | 3524 | 3074 | 3724 | 3424 | _ |
| Advisor - DCA | 23524 | 23074 | 23724 | 23424 | — |
| F | _ | _ | _ | _ | 3624 |
| F - DCA | _ | _ | _ | _ | 23624 |
| FT6 | _ | _ | _ | _ | 3924 |
| М | _ | _ | _ | _ | 4521 |
| Т6 | 3574 | 3174 | 3774 | 3474 | _ |

DSC/LL2/LL3 load options are available for switches only and are not available for new purchases.

Why invest?

- Active bottom-up approach employs a fundamentally driven research process focused on identifying best-in-class, high return businesses at reasonable prices across the whole spectrum of emerging market equities
- Seeks to provide long-term capital growth by investing primarily in equity securities of companies that are located or participate in emerging markets
- Targets emerging-market leaders benefiting from structural reforms and rising consumer spending power

Performance

Growth of \$10,000 since inception⁶



Calendar Returns (%)

| 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | |
|------|------|------|-------|-------|-------|--------|-------|-------|-------|--|
| _ | — | — | -0.00 | -0.77 | 32.14 | -10.26 | 20.43 | 30.10 | -8.81 | |

Compound Returns (%)

| 1 Mth | 3 Mth | 6 Mth | YTD | 1 Yr | 3 Yrs | 5 Yrs | 10 Yrs | 15 Yrs | 20 Yrs | Inception |
|-------|-------|--------|--------|--------|-------|-------|--------|--------|--------|-----------|
| 0.75 | -4.42 | -16.24 | -24.98 | -32.20 | -0.02 | 0.81 | _ | _ | _ | 2.37 |

| Risk Measures (5 yr.) | Standard Deviation (%) | Sortino Ratio | Sharpe Ratio | Alpha | Beta | R-Squared (%) |
|--------------------------|---------------------------|------------------|-----------------|-------|------|---------------|
| Fund | 15.27 | 0.08 | -0.14 | -0.54 | 1.10 | 89.96 |
| Benchmark ⁷ | 12.79 | 0.17 | -0.11 | _ | _ | _ |

Commentary Investment note

Star performers

Fund profile index

Manulife Investment Management sales team

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Manulife Investment Management

Management

Portfolio advisor:

Emerging Markets Equity Team

Sub Advisor:

Manulife Asset Management (Europe) Limited







Annual Distributions ⁴

| | Income | Dividends | Capital Gains | Return of Capital | Total |
|------|--------|-----------|------------------|----------------------|--------|
| 2021 | \$0.06 | _ | — | - | \$0.06 |
| 2020 | \$0.04 | — | — | _ | \$0.04 |
| 2019 | \$0.13 | _ | — | \$0.07 | \$0.21 |
| 2018 | \$0.10 | — | — | - | \$0.10 |
| 2017 | \$0.08 | _ | — | - | \$0.08 |
| 2016 | \$0.05 | _ | _ | _ | \$0.05 |

Management Fee Reduction Rates⁸

| Account/Household Value Tiers | All Qualifying Investments |
|-------------------------------|----------------------------|
| \$250K+ to \$499K | 2.50 basis points |
| \$500K+ to \$999K | 5.00 basis points |
| \$1M+ to \$4.9M | 7.50 basis points |
| \$5M+ to \$9.9M | 10.00 basis points |
| \$10M+ | 12.50 basis points |

Top 10 Holdings (%) 9

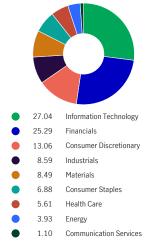
| 1. | Taiwan Semiconductor Manufacturing Co. Ltd. Shs | 5.20 |
|----|---|------|
| 2. | Samsung Electronics Co. Ltd. Pfd Shs Non -Voting | 4.52 |
| 3. | Anglo American PLC Shs | 3.93 |
| 4. | Tencent Holdings Ltd. Shs Par New Hkd 0.00002 | 3.09 |
| 5. | AIA Group Ltd. Shs | 3.01 |
| 6. | Alibaba Group Holding Ltd. Shs New | 2.76 |
| 7. | Itau Unibanco Holding S.A. Pfd Shs | 2.53 |
| 8. | Reliance Industries Ltd. GDR Global Depositary Rcpts 144a | 2.48 |
| 9. | SK Hynix Inc. Shs | 2.42 |
| 10 | .LG Chem Ltd. Shs | 2.33 |

Portfolio Allocation

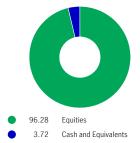
Geographic Allocation (%)

26.23 China 12.94 India 12.82 South Korea 12.02 Taiwan 9.18 Hong Kong 5.57 Brazil 3.93 United Kingdom 3.81 Mexico 3.49 United States 10.02 Other

Sector Allocation (Equities) (%)



Asset Allocation (%)



Star performers

Manulife Global Dividend Fund

Series F • Performance as at August 31, 2022 • Holdings as at July 31, 2022

The fund's portfolio is

blend stocks.

biased toward large-cap

Overview

Overall Morningstar Rating¹



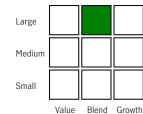
Key Facts

Management Team: Manulife Global Quality Value Team Inception date: August 1, 2014 AUM²: \$469.51M CIFSC category: Global Equity Distribution frequency ³: Annual Positions: 49 Management fee: 0.86% MER: 1.24% (as at 2021-12-31, includes HST) Min. investment: \$500 initial; \$25 PAC Fund Status: Open Risk: Moderate



Equity Characteristics

Equity Style Box⁴



Fund Codes (MMF)

| Series | FE | LL2 | LL3 | DSC | NL |
|---------------|-------|-------|-------|-------|-------|
| Advisor | 4539 | 4323 | 4739 | 4439 | _ |
| Advisor - DCA | 24539 | 24323 | 24739 | 24439 | _ |
| F | _ | _ | _ | _ | 4639 |
| F - DCA | _ | _ | _ | _ | 24639 |
| FT6 | _ | _ | _ | _ | 9634 |
| Т6 | 9134 | 9947 | 9234 | 9034 | _ |

DSC/LL2/LL3 load options are available for switches only and are not available for new purchases.

Why invest?

- Entirely bottom-up stock by stock research process enabling the managers to be proactive and select the strongest value and growth companies
- Focuses on companies that compound cash flows and grow earnings, resulting in dividend growth
- Strategy invests primarily in mega-cap, stable companies that have the potential to be less volatile in market downturns

Performance

Growth of \$10,000 since inception⁵



Calendar Returns (%)

| 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|------|------|------|-------|------|-------|-------|-------|------|-------|
| — | _ | _ | 16.25 | 5.18 | 10.14 | -2.80 | 23.87 | 4.69 | 19.69 |

Compound Returns (%)

| 1 Mth | 3 Mth | 6 Mth | YTD | 1 Yr | 3 Yrs | 5 Yrs | 10 Yrs | 15 Yrs | 20 Yrs | Inception |
|-------|-------|-------|--------|--------|-------|-------|--------|--------|--------|-----------|
| -1.81 | -3.64 | -7.98 | -13.85 | -11.57 | 5.27 | 6.43 | _ | _ | _ | 7.90 |

| Risk Measures (5 yr.) | Standard Deviation (%) | Sortino Ratio | Sharpe Ratio | Alpha | Beta | R-Squared (%) |
|--------------------------|---------------------------|------------------|-----------------|-------|------|---------------|
| Fund | 11.80 | 0.80 | 0.29 | -1.55 | 0.92 | 86.62 |
| Benchmark ⁶ | 12.64 | 1.04 | 0.45 | _ | _ | _ |

Investment note

Star performers

Commentary

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Manulife Investment Management

Management

Portfolio advisor:

Manulife Global Quality Value Team

Sub Advisor:

Manulife Investment Management (US) LLC





Annual Distributions ³

| | Income | Dividends | Capital Gains | Return of Capital | Total |
|------|--------|-----------|------------------|----------------------|--------|
| 2021 | \$0.28 | _ | \$1.11 | _ | \$1.39 |
| 2020 | \$0.06 | _ | _ | _ | \$0.06 |
| 2019 | \$0.23 | - | \$0.02 | - | \$0.25 |
| 2018 | \$0.29 | _ | \$0.42 | _ | \$0.70 |
| 2017 | \$0.25 | - | \$0.37 | - | \$0.62 |
| 2016 | \$0.19 | _ | \$0.17 | _ | \$0.36 |

Management Fee Reduction Rates⁷

| Account/Household Value Tiers | All Qualifying Investments |
|-------------------------------|----------------------------|
| \$250K+ to \$499K | 2.50 basis points |
| \$500K+ to \$999K | 5.00 basis points |
| \$1M+ to \$4.9M | 7.50 basis points |
| \$5M+ to \$9.9M | 10.00 basis points |
| \$10M+ | 12.50 basis points |

Top 10 Holdings (%) ⁸

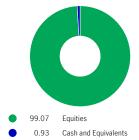
| 1. Microsoft Corp. Com | 6.00 |
|---|------|
| 2. Alphabet Inc. CI A | 4.71 |
| 3. Corteva Inc. Com | 3.63 |
| 4. Philip Morris International Inc. Com | 3.48 |
| 5. UnitedHealth Group Inc. Com | 3.06 |
| 6. TotalEnergies SE Shs | 3.03 |
| 7. Johnson & Johnson Com | 2.96 |
| 8. Sanofi Shs | 2.89 |
| 9. Oracle Corp. Com | 2.57 |
| 10.ConocoPhillips Com | 2.57 |

Portfolio Allocation

Geographic Allocation (%)

58.25 United States France 12.77 6.73 Japan 6.30 Switzerland United Kingdom 5.46 3.89 Netherlands 2.45 South Korea 1.21 Ireland 1.03 Spain 1.91 Other

Asset Allocation (%)



Sector Allocation (Equities) (%)



Investment note Commentary

Manulife Global Dividend Growth Fund

Series F • Performance as at August 31, 2022 • Holdings as at July 31, 2022

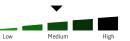
Overview

Overall Morningstar Rating¹



Key Facts

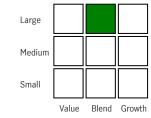
Management Team: Manulife Global Quality Value Team Inception date: July 6, 2006 AUM²: \$245.98M CIFSC category: Global Equity Distribution frequency 3: Quarterly Distribution yield⁴: 1.68% Positions: 49 Management fee: 0.77% MER: 1.13% (as at 2021-12-31, includes HST) Min. investment: \$500 initial; \$25 PAC Fund Status: Open Risk: Moderate



Equity **Characteristics**

| onaraoteristics | |
|--------------------|-----------|
| P/E Ratio | 15.83 |
| P/B Ratio | 1.99 |
| P/CF Ratio | 9.69 |
| ROE | 23.48% |
| Average Market Cap | \$176.07B |
| Dividend Yield | 2.54% |
| | |

Equity Style Box⁵



Fund Codes (MMF)

| Series | FE | LL2 | LL3 | DSC | NL |
|---------------|-------|-------|-------|-------|-------|
| Advisor | 3530 | 3873 | 3730 | 3430 | _ |
| Advisor - DCA | 23530 | 23873 | 23730 | 23430 | _ |
| F | _ | — | — | _ | 3630 |
| F - DCA | — | _ | _ | _ | 23630 |
| FT6 | _ | — | — | _ | 3930 |
| T6 | 3531 | 3973 | 3731 | 3431 | _ |

The fund's portfolio is

blend stocks.

biased toward large-cap

DSC/LL2/LL3 load options are available for switches only and are not available for new purchases.

Why invest?

- · Entirely bottom-up stock by stock research process enabling the managers to be proactive and select the strongest value and growth companies
- · Focuses on companies that compound cash flows and grow earnings, resulting in dividend growth
- Strategy invests primarily in mega-cap, stable companies that have the potential to be less volatile in market downturns

Performance

Growth of \$10,000 since inception⁶



Calendar Returns (%)

| 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|-------|-------|------|-------|-------|-------|-------|-------|------|-------|
| 17.75 | 37.09 | 7.46 | 23.27 | -4.00 | 10.92 | -7.03 | 24.05 | 4.89 | 19.82 |

Compound Returns (%)

| 1 Mth | 3 Mth | 6 Mth | YTD | 1 Yr | 3 Yrs | 5 Yrs | 10 Yrs | 15 Yrs | 20 Yrs | Inception |
|-------|-------|-------|--------|--------|-------|-------|--------|--------|--------|-----------|
| -1.79 | -3.57 | -7.83 | -13.67 | -11.27 | 5.46 | 5.46 | 9.96 | _ | _ | 6.07 |

| Risk Measures (5 yr.) | Standard Deviation (%) | Sortino Ratio | Sharpe Ratio | Alpha | Beta | R-Squared (%) |
|--------------------------|---------------------------|------------------|-----------------|-------|------|---------------|
| Fund | 11.75 | 0.67 | 0.21 | -2.45 | 0.91 | 86.36 |
| Benchmark ⁷ | 12.64 | 1.04 | 0.45 | _ | _ | _ |

Management sales team

Manulife Investment

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Manulife Investment Management

Management

Portfolio advisor:

Manulife Global Quality Value Team

Sub Advisor:

Standard Life Investments Limited







Annual Distributions ³

| | Income | Dividends | Capital Gains | Return of Capital | Total |
|------|--------|-----------|------------------|----------------------|--------|
| 2021 | \$0.41 | - | \$1.88 | - | \$2.30 |
| 2020 | \$0.18 | _ | _ | - | \$0.18 |
| 2019 | \$0.37 | - | \$0.12 | - | \$0.49 |
| 2018 | \$0.38 | \$0.00 | \$2.25 | - | \$2.64 |
| 2017 | \$0.25 | \$0.00 | _ | - | \$0.26 |
| 2016 | \$0.28 | _ | _ | _ | \$0.28 |

Management Fee Reduction Rates⁸

| Account/Household Value Tiers | All Qualifying Investments |
|-------------------------------|----------------------------|
| \$250K+ to \$499K | 2.50 basis points |
| \$500K+ to \$999K | 5.00 basis points |
| \$1M+ to \$4.9M | 7.50 basis points |
| \$5M+ to \$9.9M | 10.00 basis points |
| \$10M+ | 12.50 basis points |

Top 10 Holdings (%) ⁹

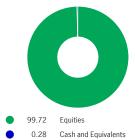
| 1. Microsoft Corp. Com | 6.06 |
|---|------|
| 2. Alphabet Inc. CI A | 4.76 |
| 3. Corteva Inc. Com | 3.69 |
| 4. Philip Morris International Inc. Com | 3.52 |
| 5. UnitedHealth Group Inc. Com | 3.09 |
| 6. TotalEnergies SE Shs | 3.07 |
| 7. Johnson & Johnson Com | 2.99 |
| 8. Sanofi Shs | 2.92 |
| 9. Oracle Corp. Com | 2.60 |
| 10.ConocoPhillips Com | 2.59 |

Portfolio Allocation

Geographic Allocation (%)

58.70 United States 12.85 France 6.78 Japan 6.32 Switzerland United Kingdom 5.48 3.89 Netherlands 2.48 South Korea 1.21 Ireland 1.02 Spain 1.28 Other

Asset Allocation (%)



Sector Allocation (Equities) (%)



Fund Focus | Fall 2022 64

Commentary Investment note

Management sales team Manulife Investment

Manulife Global Equity Class

Series F • Performance as at August 31, 2022 • Holdings as at July 31, 2022

The fund's portfolio is biased toward large-cap

blend stocks.

Overview

Overall Morningstar Rating¹

Key Facts

Inception date: November 2, 2009 AUM²: \$5.06B CIFSC category: Global Equity Distribution frequency 3: Annual Positions: 63 Management fee: 0.72% MER: 1.08% (as at 2022-04-30, includes HST) Min. investment: \$500 initial; \$25 PAC Fund Status: Open Risk: Moderate



Equity **Characteristics**

| P/E Ratio | 17.44 |
|--------------------|----------|
| P/B Ratio | 3.84 |
| P/CF Ratio | 12.46 |
| ROE | 31.51% |
| Average Market Cap | \$73.74B |
| Dividend Yield | 2.15% |

Equity Style Box⁴



Blend Growth Value

Fund Codes (MMF)

| Series | FE | LL2 | LL3 | DSC | NL |
|---------------|-------|-------|-------|-------|-------|
| Advisor | 4506 | 4677 | 4706 | 4406 | _ |
| Advisor - DCA | 24506 | 24224 | 24706 | 24406 | _ |
| F | _ | _ | _ | _ | 4606 |
| F - DCA | _ | _ | _ | _ | 24606 |
| FT6 | _ | _ | _ | _ | 1043 |
| Т6 | 1543 | 4324 | 1344 | 1243 | _ |

DSC/LL2/LL3 load options are available for switches only and are not available for new purchases.

Why invest?

- An unconstrained global equity portfolio with maximum flexibility utilizing Mawer Investment Management's proven "boring" philosophy and process
- · Positioned with the goal to be resilient in a variety of different market environments
- · Holdings are diversified by industry, country, and region and may benefit from a variety of market conditions

Performance

Growth of \$10,000 since inception⁵



Calendar Returns (%)

| 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | |
|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|--|
| 17.74 | 35.28 | 13.76 | 21.23 | -0.09 | 17.69 | 4.01 | 21.15 | 10.50 | 21.73 | |

Compound Returns (%)

| 1 Mth | 3 Mth | 6 Mth | YTD | 1 Yr | 3 Yrs | 5 Yrs | 10 Yrs | 15 Yrs | 20 Yrs | Inception |
|-------|-------|-------|--------|--------|-------|-------|--------|--------|--------|-----------|
| -3.15 | -2.31 | -7.26 | -15.31 | -13.41 | 6.78 | 9.37 | 13.07 | _ | _ | 11.69 |

| Risk Measures (5 yr.) | Standard Deviation (%) | Sortino Ratio | Sharpe Ratio | Alpha | Beta | R-Squared (%) |
|--------------------------|---------------------------|------------------|-----------------|-------|------|---------------|
| Fund | 11.45 | 1.27 | 0.56 | 1.49 | 0.88 | 90.40 |
| Benchmark ⁶ | 12.64 | 1.04 | 0.45 | _ | _ | _ |

Commentary Investment note

Star performers

Fund profile index

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Manulife Investment Management

Management

Sub Advisor:

Mawer Investment Management Ltd.



Annual Distributions³

| | Income | Dividends | Capital Gains | Return of Capital | Total |
|------|--------|-----------|------------------|----------------------|--------|
| 2021 | _ | \$0.01 | \$0.86 | _ | \$0.87 |
| 2020 | _ | \$0.06 | \$0.13 | _ | \$0.18 |
| 2019 | _ | \$0.06 | _ | _ | \$0.06 |
| 2018 | _ | \$0.04 | _ | _ | \$0.04 |
| 2017 | _ | \$0.04 | - | - | \$0.04 |
| 2016 | _ | \$0.01 | _ | _ | \$0.01 |

Management Fee Reduction Rates⁷

| Account/Household Value Tiers | All Qualifying Investments |
|-------------------------------|----------------------------|
| \$250K+ to \$499K | 2.50 basis points |
| \$500K+ to \$999K | 5.00 basis points |
| \$1M+ to \$4.9M | 7.50 basis points |
| \$5M+ to \$9.9M | 10.00 basis points |
| \$10M+ | 12.50 basis points |

Top 10 Holdings (%) 8

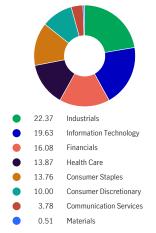
| 1. Marsh & McLennan Cos. Com | 4.73 |
|--|------|
| 2. Alphabet Inc. Cap Stk CI C | 4.08 |
| 3. Alimentation Couche-Tard Inc. Multiple Vtg Sh | 3.81 |
| 4. Wolters Kluwer N.V. Shs | 3.61 |
| 5. Aon plc Shs Cl A | 3.60 |
| 6. Microsoft Corp. Com | 3.56 |
| 7. KDDI Corp. Shs | 3.48 |
| 8. FTI Consulting Inc. Com | 3.31 |
| 9. CDW Corp. Com | 3.25 |
| 10.Intercontinental Exchange Inc. Com | 3.10 |

Portfolio Allocation

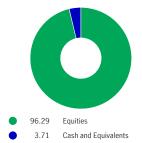
Geographic Allocation (%)

46.70 United States 10.27 Canada 9.07 United Kingdom 6.15 Netherlands 4.81 Switzerland 4.52 Ireland 4.24 Japan 3.46 Germany 2.72 Sweden 8.06 Other

Sector Allocation (Equities) (%)



Asset Allocation (%)



Manulife Investment

Manulife Global Franchise Fund

Series F • Performance as at August 31, 2022 • Holdings as at July 31, 2022

The fund's portfolio is biased toward large-cap

growth stocks.

Overview

Overall Morningstar Rating¹

★☆☆☆☆

Key Facts

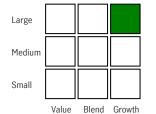
Management Team: U.S. Core Value Equity Team Inception date: November 6, 2012 AUM²: \$256.81M CIFSC category: Global Equity Distribution frequency ³: Annual Positions: 33 Management fee: 0.79% MER: 1.14% (as at 2021-12-31, includes HST) Min. investment: \$500 initial; \$25 PAC Fund Status: Open Risk: Moderate



Equity Characteristics

| P/E Ratio | 19.15 |
|--------------------|----------|
| P/B Ratio | 2.72 |
| P/CF Ratio | 10.69 |
| ROE | 16.76% |
| Average Market Cap | \$75.12B |
| Dividend Yield | 1.20% |
| | |

Equity Style Box⁴



Fund Codes (MMF)

| Series | FE | LL2 | LL3 | DSC | NL |
|---------------|-------|-------|-------|-------|-------|
| Advisor | 3533 | 3070 | 3733 | 3433 | _ |
| Advisor - DCA | 23533 | 23070 | 23733 | 23433 | _ |
| F | _ | _ | _ | _ | 3633 |
| F - DCA | _ | _ | _ | _ | 23633 |
| FT6 | _ | _ | _ | _ | 3933 |
| T6 | 3564 | 3170 | 3764 | 3464 | _ |

DSC/LL2/LL3 load options are available for switches only and are not available for new purchases.

Why invest?

- A diversified portfolio of competitively advantaged global franchise businesses with sustainable and compounding cash flows, trading at a significant discount to the manager's estimation of value
- Seeks to achieve medium to long-term capital appreciation by investing primarily in equity securities of multinational companies throughout the world
- Employs a disciplined security selection process focused on fundamental analysis and research that evaluates the health of a company, its competitive positioning, its strength of management, and its competitive advantages

Performance

Growth of \$10,000 since inception⁵



Calendar Returns (%)

| 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|------|---------|-----------|-------|-------|-------|--------|-------|-------|-------|
| _ | 36.24 | 10.80 | 20.29 | -8.21 | 14.29 | -11.44 | 25.38 | 10.21 | 16.55 |
| Comp | ound Re | turns (%) |) | | | | | | |

| 1 | L Mth | 3 Mth | 6 Mth | YTD | 1 Yr | 3 Yrs | 5 Yrs | 10 Yrs | 15 Yrs | 20 Yrs | Inception |
|---|-------|-------|--------|--------|--------|-------|-------|--------|--------|--------|-----------|
| - | 6.43 | -3.66 | -12.19 | -21.07 | -19.75 | 1.49 | 3.35 | _ | _ | _ | 8.30 |

| Risk Measures (5 yr.) | Standard Deviation (%) | Sortino Ratio | Sharpe Ratio | Alpha | Beta | R-Squared (%) |
|--------------------------|---------------------------|------------------|-----------------|-------|------|---------------|
| Fund | 14.61 | 0.35 | 0.02 | -5.55 | 1.07 | 87.03 |
| Benchmark ⁶ | 12.64 | 1.04 | 0.45 | _ | _ | - |

Commentary Investment note

Star performers

Fund profile index

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Manulife Investment Management

Management

Portfolio advisor:

U.S. Core Value Equity Team

Sub Advisor:

Manulife Investment Management (US) LLC







Annual Distributions³

| | Income | Dividends | Capital Gains | Return of Capital | Total |
|------|--------|-----------|------------------|----------------------|--------|
| 2021 | \$0.07 | - | \$0.65 | - | \$0.72 |
| 2020 | \$0.09 | - | \$0.19 | - | \$0.28 |
| 2019 | \$0.17 | - | _ | - | \$0.17 |
| 2018 | \$0.24 | \$0.00 | \$1.70 | - | \$1.95 |
| 2017 | \$0.18 | \$0.01 | \$1.52 | - | \$1.70 |
| 2016 | \$0.09 | \$0.00 | \$0.02 | _ | \$0.10 |

Management Fee Reduction Rates⁷

| Account/Household Value Tiers | All Qualifying Investments |
|-------------------------------|----------------------------|
| \$250K+ to \$499K | 2.50 basis points |
| \$500K+ to \$999K | 5.00 basis points |
| \$1M+ to \$4.9M | 7.50 basis points |
| \$5M+ to \$9.9M | 10.00 basis points |
| \$10M+ | 12.50 basis points |

Top 10 Holdings (%) 8

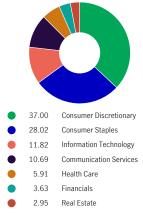
| 1. | Amazon.com Inc. Com | 8.77 |
|----|---|------|
| 2. | eBay Inc. Com | 6.56 |
| 3. | Anheuser-Busch InBev S.A./N.V. Shs | 5.70 |
| 4. | Danone Shs | 5.29 |
| 5. | Ferrari N.V. Common Shares Of Fe New N V To Be Renamed Ferrari N V Post | 4.91 |
| 6. | Compagnie Financiere Richemont S.A. Namen Akt | 4.68 |
| 7. | Heineken Holding N.V. Shs | 4.49 |
| 8. | Alphabet Inc. CI A | 4.27 |
| 9. | Formula One Group Com Ser A Formula One | 4.12 |
| 10 | .Walmart Inc. Com | 3.79 |

Portfolio Allocation

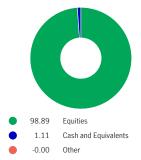
Geographic Allocation (%)

54.87 United States 7.86 Netherlands 7.72 France 7.65 Italv 6.22 Switzerland 5.70 Belgium 4.99 United Kingdom 2.28 Spain 1.39 Taiwan 1.33 Other

Sector Allocation (Equities) (%)



Asset Allocation (%)



Manulife Investment Management sales team

Investment note Commentary

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Manulife Global Thematic Opportunities Fund

Series F • Performance as at August 31, 2022 • Holdings as at July 31, 2022

Overview

Overall Morningstar Rating¹

Key Facts

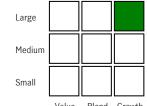
Inception date: October 12, 2018 AUM²: \$481.56M CIFSC category: Global Equity Distribution frequency 3: Annual Positions: 57 Management fee: 0.72% MER: 1.07% (as at 2021-12-31, includes HST) Min. investment: \$500 initial; \$25 PAC Fund Status: Open Risk: Moderate



Equity **Characteristics**

| P/E Ratio | 20.65 |
|--------------------|----------|
| P/B Ratio | 3.61 |
| P/CF Ratio | 17.31 |
| ROE | 25.86% |
| Average Market Cap | \$68.76B |
| Dividend Yield | 1.33% |
| | |

Equity Style Box⁴



The fund's portfolio is biased toward large-cap growth stocks.

Blend Growth Value

Fund Codes (MMF)

| Series | FE | LL2 | LL3 | DSC | NL |
|---------------|-------|-------|-------|-------|-------|
| Advisor | 3585 | 3885 | 3785 | 3485 | _ |
| Advisor - DCA | 23585 | 23885 | 23785 | 23485 | _ |
| F | _ | _ | _ | _ | 3685 |
| F - DCA | _ | _ | _ | _ | 23685 |
| FT6 | _ | _ | _ | _ | 3985 |
| Т6 | 3586 | 3884 | 3786 | 3486 | _ |

DSC/LL2/LL3 load options are available for switches only and are not available for new purchases.

Why invest?

- An unconstrained global equity portfolio investing in companies that benefit from demographic, environmental, lifestyle and other long-term global trends.
- Differentiated active strategy of investing in the future and in themes that are changing the world as we ٠ know it.
- ٠ Diversification within a global equity allocation through a universe beyond standard global indices and offers exposure to the "best of breed" of Pictet Asset Management's entire thematic franchise. Learn more about thematic investing: manulifeim.ca/gto.

Performance

Growth of \$10,000 since inception⁵



Calendar Returns (%)

| 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|------|------|------|------|------|------|------|-------|-------|-------|
| _ | _ | _ | _ | _ | _ | _ | 25.67 | 14.74 | 14.74 |

Compound Returns (%)

| 1 Mth | 3 Mth | 6 Mth | YTD | 1 Yr | 3 Yrs | 5 Yrs | 10 Yrs | 15 Yrs | 20 Yrs | Inception |
|-------|-------|--------|--------|--------|-------|-------|--------|--------|--------|-----------|
| -4.86 | -3.96 | -12.53 | -23.84 | -23.36 | 3.38 | _ | _ | _ | _ | 5.22 |

| Risk Measures (3 yr.) | Standard Deviation (%) | Sortino Ratio | Sharpe Ratio | Alpha | Beta | R-Squared (%) |
|--------------------------|---------------------------|------------------|-----------------|-------|------|---------------|
| Fund | 14.86 | 0.31 | 0.15 | -3.79 | 1.01 | 87.97 |
| Benchmark ⁶ | 13.44 | 0.83 | 0.47 | _ | _ | - |

Management sales team Manulife Investment

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Manulife Investment Management

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Commentary Investment note

Management

Sub Advisor:

Pictet Asset Management S.A.



Annual Distributions³

| | Income | Dividends | Capital Gains | Return of Capital | Total |
|------|--------|-----------|------------------|----------------------|--------|
| 2021 | \$0.01 | _ | \$0.15 | _ | \$0.16 |
| 2020 | \$0.03 | - | \$0.04 | _ | \$0.07 |
| 2019 | \$0.03 | \$0.00 | \$0.11 | - | \$0.14 |

Management Fee Reduction Rates⁷

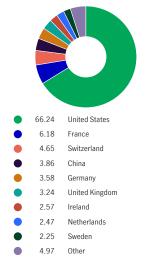
| Account/Household Value Tiers | All Qualifying Investments |
|-------------------------------|----------------------------|
| \$250K+ to \$499K | 2.50 basis points |
| \$500K+ to \$999K | 5.00 basis points |
| \$1M+ to \$4.9M | 7.50 basis points |
| \$5M+ to \$9.9M | 10.00 basis points |
| \$10M+ | 12.50 basis points |

Top 10 Holdings (%) 8

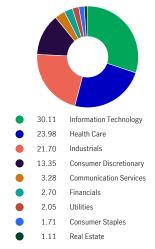
| 1. | UnitedHealth Group Inc. Com | 4.15 |
|----|---|------|
| 2. | Thermo Fisher Scientific Inc. Com | 4.04 |
| 3. | Microsoft Corp. Com | 2.99 |
| 4. | Visa Inc. Com Cl A | 2.90 |
| 5. | KLA Corp. Com | 2.78 |
| 6. | Roche Holding AG Dividend Right Cert | 2.70 |
| 7. | Quest Diagnostics Inc. Com | 2.62 |
| 8. | Alphabet Inc. CI A | 2.60 |
| 9. | Danaher Corp. Com | 2.48 |
| 10 | .Fidelity National Financial Inc. Fnf Group Com | 2.40 |

Portfolio Allocation

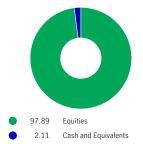
Geographic Allocation (%)



Sector Allocation (Equities) (%)



Asset Allocation (%)



Star performers

Fund profile index

Manulife Global Small Cap Fund¹

Series F • Performance as at August 31, 2022 • Holdings as at July 31, 2022

The fund's portfolio is biased toward small-cap

blend stocks.

Overview

Overall Morningstar Rating²

★★★☆

Key Facts

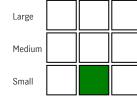
Inception date: June 27, 2008 AUM³: \$289.30M CIFSC category: Global Small/Mid Cap Equity Distribution frequency⁴: Annual Positions: 71 Management fee: 0.86% MER: 1.23% (as at 2021-12-31, includes HST) Min. investment: \$500 initial; \$25 PAC Fund Status: Capped Risk: Moderate to High



Equity Characteristics

| P/E Ratio | 16.40 |
|--------------------|---------|
| P/B Ratio | 2.65 |
| P/CF Ratio | 13.93 |
| ROE | 25.86% |
| Average Market Cap | \$2.50B |
| Dividend Yield | 2.91% |

Equity Style Box⁵



Value Blend Growth

Fund Codes (MMF)

| Series | FE | LL2 | LL3 | DSC | NL |
|---------------|-------|-----|-------|-------|------|
| Advisor | 4505 | _ | 4705 | 4405 | _ |
| Advisor - DCA | 24505 | _ | 24705 | 24405 | _ |
| F | _ | _ | _ | _ | 4605 |
| FT6 | _ | _ | _ | _ | 1020 |
| те | 1520 | _ | 1320 | 1220 | _ |

DSC/LL2/LL3 load options are available for switches only and are not available for new purchases.

Why invest?

The fund will systematically primarily invest in a broadly diversified portfolio of global small cap companies to seek long-term capital growth. The equity selection process is based on Mawer's disciplined, fundamentally based bottom-up research process, which includes a strong focus on downside protection.

Performance

Growth of \$10,000 since inception⁶



Calendar Returns (%)

| 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|--|
| 29.69 | 40.37 | 12.34 | 32.29 | -0.10 | 22.27 | -2.42 | 25.59 | 15.80 | 5.38 | |

Compound Returns (%)

| 1 Mth | 3 Mth | 6 Mth | YTD | 1 Yr | 3 Yrs | 5 Yrs | 10 Yrs | 15 Yrs | 20 Yrs | Inception |
|-------|-------|--------|--------|--------|-------|-------|--------|--------|--------|-----------|
| -3.91 | -5.23 | -11.80 | -22.04 | -27.63 | 1.42 | 5.38 | 12.78 | _ | _ | 12.14 |

| Risk Measures (5 yr.) | Standard Deviation (%) | Sortino Ratio | Sharpe Ratio | Alpha | Beta | R-Squared (%) |
|--------------------------|---------------------------|------------------|-----------------|-------|------|---------------|
| Fund | 13.26 | 0.59 | 0.18 | 0.24 | 0.81 | 78.62 |
| Benchmark ⁷ | 15.60 | 0.55 | 0.19 | _ | _ | _ |

Manulife Investment Management sales team

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Commentary Investment note

Fund profiles

Management

Sub Advisor:

Mawer Investment Management Ltd.





Annual Distributions⁴

| | Income | Dividends | Capital Gains | Return of Capital | Total |
|------|--------|-----------|------------------|----------------------|--------|
| 2021 | \$0.22 | \$0.00 | \$4.02 | - | \$4.24 |
| 2020 | \$0.11 | \$0.00 | \$3.19 | _ | \$3.30 |
| 2019 | \$0.26 | \$0.01 | \$2.40 | - | \$2.67 |
| 2018 | \$0.44 | \$0.00 | \$3.04 | _ | \$3.48 |
| 2017 | \$0.48 | \$0.01 | \$3.12 | - | \$3.62 |
| 2016 | \$0.62 | \$0.02 | \$1.94 | - | \$2.58 |

Management Fee Reduction Rates⁸

| Account/Household Value Tiers | All Qualifying Investments |
|-------------------------------|----------------------------|
| \$250K+ to \$499K | 2.50 basis points |
| \$500K+ to \$999K | 5.00 basis points |
| \$1M+ to \$4.9M | 7.50 basis points |
| \$5M+ to \$9.9M | 10.00 basis points |
| \$10M+ | 12.50 basis points |

Top 10 Holdings (%) 9

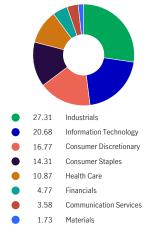
| 1. Insperity, Inc. Com | 4.27 |
|---|------|
| 2. RS Group plc Ord Shs | 3.47 |
| 3. PC Connection, Inc. Com | 3.37 |
| 4. Atea ASA Shs | 3.27 |
| 5. Winmark Corporation Com | 2.95 |
| 6. Brembo S.p.A. Brembo Spa Azioni Ordinarie Senza Valore Nominale Ordinary | 2.91 |
| 7. De'Longhi S.p.A. Shs | 2.81 |
| 8. Aramex PJSC Shs | 2.75 |
| 9. InPost S.A. Shs Inpost S A Ord Br | 2.46 |
| 10.Softcat plc Ord Gbp0.0005 | 2.35 |

Portfolio Allocation

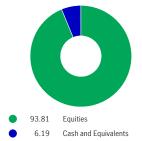
Geographic Allocation (%)



Sector Allocation (Equities) (%)



Asset Allocation (%)



Commentary nvestment note

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Manulife EAFE Equity Fund^{1,2}

Series F • Performance as at August 31, 2022 • Holdings as at July 31, 2022

The fund's portfolio is biased toward large-cap

blend stocks.

Overview

Overall Morningstar Rating³

★☆☆☆☆

Key Facts

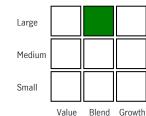
Inception date: November 1, 1993 Performance reset date: April 5, 2019 AUM⁴: \$149.15M CIFSC category: International Equity Distribution frequency ⁵: Annual Positions: 61 Management fee: 0.86% MER: 1.23% (as at 2021-12-31, includes HST) Min. investment: \$500 initial; \$25 PAC Fund Status: Open Risk: Moderate



Equity Characteristics

| characteristics | |
|--------------------|----------|
| P/E Ratio | 15.86 |
| P/B Ratio | 1.79 |
| P/CF Ratio | 11.45 |
| ROE | 15.24% |
| Average Market Cap | \$24.57B |
| Dividend Yield | 2.74% |
| | |

Equity Style Box⁶



Fund Codes (MMF)

| Series | FE | LL2 | LL3 | DSC | NL |
|---------------|-------|-------|-------|-------|-------|
| Advisor | 4563 | 4577 | 4763 | 4463 | _ |
| Advisor - DCA | 24563 | 24867 | 24763 | 24463 | _ |
| F | _ | _ | _ | _ | 4663 |
| F - DCA | _ | _ | _ | _ | 24663 |
| FT6 | _ | _ | _ | _ | 4694 |
| Μ | _ | _ | _ | _ | 4362 |
| Т6 | 4594 | 4967 | 4794 | 4494 | _ |

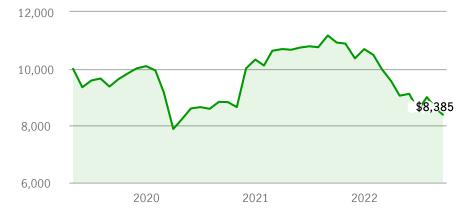
DSC/LL2/LL3 load options are available for switches only and are not available for new purchases.

Why invest?

- Offers an opportunity to diversify a portfolio with exposure to international markets, providing access to non U.S. names
- Seeks to provide long-term capital appreciation through investing in companies that appear to be undervalued relative to their real worth or future prospects
- A portfolio that is built using high conviction ideas and seeks diversification in underlying investment drivers

Performance

Growth of \$10,000 since inception⁷



Calendar Returns (%)

| 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | |
|-------|-------|-------|------|-------|-------|--------|------|------|------|--|
| 18.84 | 18.50 | -1.86 | 7.88 | -2.47 | 14.17 | -13.46 | _ | 2.29 | 3.56 | |

Compound Returns (%)

| 1 Mth | 3 Mth | 6 Mth | YTD | 1 Yr | 3 Yrs | 5 Yrs | 10 Yrs | 15 Yrs | 20 Yrs | Inception |
|-------|-------|--------|--------|--------|-------|-------|--------|--------|--------|-----------|
| -4.74 | -5.96 | -14.14 | -19.78 | -23.21 | -2.92 | _ | _ | _ | _ | -3.78 |

| Risk Measures (5 yr.) | Standard Deviation (%) | Sortino Ratio | Sharpe Ratio | Alpha | Beta | R-Squared (%) |
|--------------------------|---------------------------|------------------|-----------------|-------|------|---------------|
| Fund | 14.61 | -0.16 | -0.32 | -4.31 | 1.15 | 87.18 |
| Benchmark ⁸ | 11.61 | 0.31 | -0.03 | _ | _ | _ |

Management sales team

Manulife Investment

Fund Focus | Fall 2022 73

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Investment note

Star performers

Fund profile index

Commentary

Manulife Investment Management

Management

Sub Advisor:

Pictet Asset Management Limited



Annual Distributions ⁵

| | Income | Dividends | Capital Gains | Return of Capital | Total |
|------|--------|-----------|------------------|----------------------|--------|
| 2021 | \$0.04 | _ | _ | _ | \$0.04 |
| 2020 | \$0.04 | _ | _ | _ | \$0.04 |
| 2019 | \$0.03 | - | _ | _ | \$0.03 |
| 2018 | \$0.05 | \$0.00 | _ | _ | \$0.05 |
| 2017 | \$0.07 | \$0.00 | - | - | \$0.07 |
| 2016 | \$0.05 | \$0.00 | _ | _ | \$0.05 |

Management Fee Reduction Rates⁹

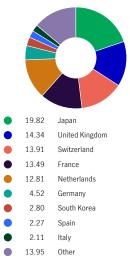
| Account/Household Value Tiers | All Qualifying Investments |
|-------------------------------|----------------------------|
| \$250K+ to \$499K | 2.50 basis points |
| \$500K+ to \$999K | 5.00 basis points |
| \$1M+ to \$4.9M | 7.50 basis points |
| \$5M+ to \$9.9M | 10.00 basis points |
| \$10M+ | 12.50 basis points |

Top 10 Holdings (%) ¹⁰

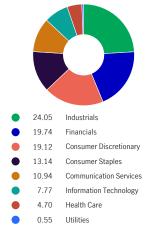
| 1. | Nestle S.A. Shs Nom | 4.70 |
|----|---|------|
| 2. | ASML Holding N.V. Aab Reverse Stock Split | 3.11 |
| 3. | Matsumotokiyoshi Co. Ltd. Shs | 2.98 |
| 4. | Informa PLC Ord Gbp0.001 | 2.93 |
| 5. | Julius Bär Gruppe AG Namen -Akt | 2.75 |
| 6. | Safran SA Shs | 2.66 |
| 7. | EssilorLuxottica Shs | 2.65 |
| 8. | Compagnie Financiere Richemont S.A. Namen Akt | 2.52 |
| 9. | Roche Holding AG Dividend Right Cert | 2.48 |
| 10 | .Euronext N.V. Ordinary Shares Euronext N V | 2.43 |

Portfolio Allocation

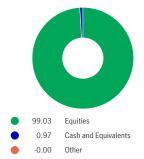
Geographic Allocation (%)



Sector Allocation (Equities) (%)



Asset Allocation (%)



Manulife Investment Management sales team

Investment note Commentary

Star performers

Fund profile index

Series F • Performance as at August 31, 2022 • Holdings as at July 31, 2022

The fund's portfolio is biased toward large-cap

blend stocks.

Overview

Overall Morningstar Rating¹

Key Facts

Inception date: September 19, 2006 AUM²: \$1.88B CIFSC category: International Equity Distribution frequency 3: Annual Positions: 66 Management fee: 0.85% MER: 1.22% (as at 2022-04-30, includes HST) Min. investment: \$500 initial; \$25 PAC Fund Status: Open

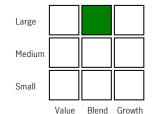


Equity **Characteristics**

Low

| P/E Ratio | 18.93 |
|--------------------|----------|
| P/B Ratio | 3.49 |
| P/CF Ratio | 12.23 |
| ROE | 27.13% |
| Average Market Cap | \$55.07B |
| Dividend Yield | 2.65% |

Equity Style Box⁴



Fund Codes (MMF)

| Series | FE | LL2 | LL3 | DSC | NL |
|---------------|-------|-------|-------|-------|-------|
| Advisor | 8521 | 8947 | 8721 | 8421 | _ |
| Advisor - DCA | 28521 | 28947 | 28721 | 28421 | _ |
| F | _ | _ | _ | _ | 8621 |
| F - DCA | _ | _ | _ | _ | 28621 |
| FT6 | _ | _ | _ | _ | 1823 |
| Т6 | 9537 | 9948 | 9737 | 9437 | _ |

DSC/LL2/LL3 load options are available for switches only and are not available for new purchases.

Why invest?

- Non-North American mandate investing primarily in European and Asian companies that are likely to have stable and recurring revenues
- · Positioned to help mitigate volatility and protect capital while maintaining growth potential during steadier times
- ٠ Holdings are diversified by industry, country, and region and may benefit from a variety of market conditions

Performance

Growth of \$10,000 since inception⁵



Calendar Returns (%)

| 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|-------|-------|------|-------|-------|-------|-------|-------|-------|------|
| 20.65 | 23.24 | 8.69 | 21.02 | -2.68 | 22.65 | -3.93 | 15.05 | 12.82 | 7.33 |

Compound Returns (%)

| 1 Mth | 3 Mth | 6 Mth | YTD | 1 Yr | 3 Yrs | 5 Yrs | 10 Yrs | 15 Yrs | 20 Yrs | Inception | |
|-------|-------|--------|--------|--------|-------|-------|--------|--------|--------|-----------|--|
| -3.82 | -4.32 | -13.45 | -23.73 | -24.74 | -0.18 | 1.79 | 8.29 | _ | _ | 5.41 | |

| Risk Measures (5 yr.) | Standard Deviation (%) | Sortino Ratio | Sharpe Ratio | Alpha | Beta | R-Squared (%) |
|--------------------------|---------------------------|------------------|-----------------|-------|------|---------------|
| Fund | 11.03 | 0.22 | -0.09 | -0.75 | 0.86 | 76.69 |
| Benchmark | 11.59 | 0.37 | 0.01 | _ | _ | _ |

Management sales team

Manulife Investment

Investment note

Commentary

Star performers

Fund profile index

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Manulife Investment Management

Management

Sub Advisor:

Mawer Investment Management Ltd.



Annual Distributions³

| | Income | Dividends | Capital Gains | Return of Capital | Total |
|------|--------|-----------|------------------|----------------------|--------|
| 2021 | _ | _ | \$0.19 | _ | \$0.19 |
| 2020 | _ | _ | \$0.35 | _ | \$0.35 |
| 2018 | _ | _ | \$0.12 | _ | \$0.12 |
| 2017 | _ | _ | \$0.02 | _ | \$0.02 |

Management Fee Reduction Rates⁶

| Account/Household Value Tiers | All Qualifying Investments |
|-------------------------------|----------------------------|
| \$250K+ to \$499K | 2.50 basis points |
| \$500K+ to \$999K | 5.00 basis points |
| \$1M+ to \$4.9M | 7.50 basis points |
| \$5M+ to \$9.9M | 10.00 basis points |
| \$10M+ | 12.50 basis points |

Top 10 Holdings (%) 7

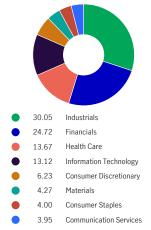
| 1. Aon plc Shs Cl A | 5.76 |
|--|------|
| 2. Wolters Kluwer N.V. Shs | 5.21 |
| 3. Bunzl PLC Shs | 4.67 |
| 4. RELX PLC Shs | 3.78 |
| 5. Taiwan Semiconductor Manufacturing Co. Ltd. Shs | 3.73 |
| 6. LVMH Moet Hennessy Louis Vuitton S.E. Shs | 3.33 |
| 7. Roche Holding AG Dividend Right Cert | 2.69 |
| 8. Novo Nordisk A/S Almindelig Aktie | 2.52 |
| 9. AstraZeneca PLC Shs | 2.45 |
| 10.Gov. of Canada Treasury Bill, 9/29/2022 | 2.39 |

Portfolio Allocation

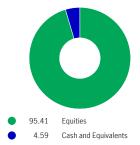
Geographic Allocation (%)

21.33 United Kingdom 10.26 Netherlands 8.41 France 7.06 Japan 6.88 Denmark 5.76 Ireland 4.58 Canada 4.25 China 4.10 Sweden 27.37 Other

Sector Allocation (Equities) (%)



Asset Allocation (%)



Manulife Investment Management sales team

Manulife Asia Equity Class

Series F • Performance as at August 31, 2022 • Holdings as at July 31, 2022

Overview

Overall Morningstar Rating¹

Key Facts

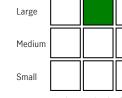
Inception date: August 19, 2011 AUM²: \$16.03M CIFSC category: Asia Pacific ex-Japan Equity Distribution frequency ³: Annual Positions: 62 Management fee: 1.00% MER: 1.44% (as at 2022-04-30, includes HST) Min. investment: \$500 initial; \$25 PAC Fund Status: Open Risk: Moderate to High



Equity Characteristics

| .65 |
|-------|
| .7 |
| .25 |
| .74% |
| 4.56B |
| 95% |
| |

Equity Style Box⁴



The fund's portfolio is biased toward large-cap blend stocks.

Value Blend Growth

Fund Codes (MMF)

| Series | FE | LL2 | LL3 | DSC | NL |
|---------------|-------|-------|-------|-------|-------|
| Advisor | 8542 | 8042 | 8742 | 8442 | _ |
| Advisor - DCA | 28542 | 28042 | 28742 | 28442 | _ |
| F | _ | _ | _ | _ | 8642 |
| F - DCA | _ | _ | _ | _ | 28642 |

DSC/LL2/LL3 load options are available for switches only and are not available for new purchases.

Why invest?

- Relies on Manulife Investment Management's extensive Asian markets footprint and investment network to help generate an informational advantage over offshore portfolio managers.
- Seeks to provide long-term capital appreciation by investing in a diversified portfolio of companies located or operating in the Asia Pacific region (excluding Japan), across all market sectors and capitalizations.
- Combines top-down sector and country allocation with bottom-up stock selection and seeks to invest in companies which show above-average earnings growth, reasonable valuations, a positive trend in earnings revisions and a catalyst to drive price appreciation.

Performance

Growth of \$10,000 since inception⁵



Calendar Returns (%)

| 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|
| 21.20 | 21.15 | 1.70 | 10.98 | -2.21 | 35.40 | -8.94 | 10.83 | 27.36 | -4.18 |

Compound Returns (%)

| 1 M | lth | 3 Mth | 6 Mth | YTD | 1 Yr | 3 Yrs | 5 Yrs | 10 Yrs | 15 Yrs | 20 Yrs | Inception |
|------|-----|-------|--------|--------|--------|-------|-------|--------|--------|--------|-----------|
| 0.26 | 5 | -3.64 | -12.41 | -17.06 | -19.37 | 3.26 | 1.92 | 8.06 | _ | _ | 6.74 |

| Risk Measures (5 yr.) | Standard Deviation (%) | Sortino Ratio | Sharpe Ratio | Alpha | Beta | R-Squared (%) |
|--------------------------|---------------------------|------------------|-----------------|-------|------|---------------|
| Fund | 13.57 | 0.20 | -0.07 | 0.74 | 0.99 | 88.84 |
| Benchmark ⁶ | 13.12 | 0.13 | -0.12 | _ | _ | _ |

Investment note

Commentary

Star performers

Fund profile index

Manulife Investment Management sales team

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Manulife Investment Management

Management

Sub Advisor:

Manulife Asset Management (Hong Kong) Limited



Annual Distributions³

| | Income | Dividends | Capital Gains | Return of Capital | Total |
|------|--------|-----------|------------------|----------------------|--------|
| 2021 | _ | _ | \$0.36 | _ | \$0.36 |
| 2018 | - | _ | \$1.27 | _ | \$1.27 |

Management Fee Reduction Rates⁷

Top 10 Holdings (%) 8

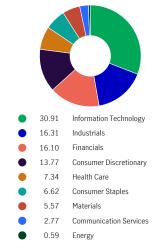
| Taiwan Semiconductor Manufacturing Co. Ltd. Shs | 8.44 |
|---|--|
| Samsung Electronics Co. Ltd. Samsungelectronics | 4.89 |
| Alibaba Group Holding Ltd. Shs New | 4.06 |
| Tencent Holdings Ltd. Shs Par New Hkd 0.00002 | 3.47 |
| Hong Kong Exchanges and Clearing Limited Shs | 2.84 |
| AIA Group Ltd. Shs | 2.44 |
| BOC Hong Kong (Holdings) Limited Shs | 2.41 |
| NARI Technology Co., Ltd. Shs A | 2.39 |
| Zhejiang Sanhua Intelligent Controls Co.,Ltd Shs -A - | 2.31 |
| .Baidu, Inc. Ord Shs Cl A | 2.30 |
| | Samsung Electronics Co. Ltd. Samsungelectronics Alibaba Group Holding Ltd. Shs New Tencent Holdings Ltd. Shs Par New Hkd 0.00002 Hong Kong Exchanges and Clearing Limited Shs AIA Group Ltd. Shs BOC Hong Kong (Holdings) Limited Shs NARI Technology Co., Ltd. Shs A Zhejiang Sanhua Intelligent Controls Co.,Ltd Shs -A - |

Portfolio Allocation

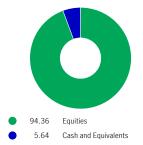
Geographic Allocation (%)



Sector Allocation (Equities) (%)



Asset Allocation (%)



nvestment note Commentary

Star performers

Fund profile index

Manulife China Class

Series F • Performance as at August 31, 2022 • Holdings as at July 31, 2022

The fund's portfolio is

blend stocks.

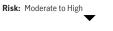
biased toward large-cap

Overview

Overall Morningstar Rating¹

Key Facts

Inception date: August 24, 2004 AUM2: \$21.93M CIFSC category: Greater China Equity Distribution frequency 3: Annual Positions: 67 Management fee: 1.00% MER: 1.42% (as at 2022-04-30, includes HST) Min. investment: \$500 initial; \$25 PAC Fund Status: Open





Equity **Characteristics**

| 15.38 |
|----------|
| 2.03 |
| 10.72 |
| 17.49% |
| \$43.65B |
| 2.73% |
| |

Equity Style Box⁴



Blend Growth Value

Fund Codes (MMF)

| Series | FE | LL2 | LL3 | DSC | NL |
|---------------|-------|-------|-------|-------|-------|
| Advisor | 8575 | 8375 | 8775 | 8475 | _ |
| Advisor - DCA | 28575 | 28275 | 28775 | 28475 | _ |
| F | _ | _ | _ | _ | 8675 |
| F - DCA | _ | _ | _ | _ | 28675 |
| м | _ | _ | _ | _ | 1559 |

DSC/LL2/LL3 load options are available for switches only and are not available for new purchases.

Why invest?

- Relies on Manulife Investment Management's extensive Asian markets footprint and investment network to help generate an informational advantage over offshore portfolio managers.
- Seeks to provide long-term capital appreciation through investing in a diversified portfolio of • companies located or operating in the Greater China region (including but not exclusively Hong Kong, Taiwan and China) across all market sectors and capitalizations.
- · Combines top-down sector and country allocation with bottom-up stock selection and seeks to invest in companies which show above-average earnings growth, reasonable valuations, a positive trend in earnings revisions and a catalyst to drive price appreciation.

Performance

Growth of \$10,000 since inception⁵



Calendar Returns (%)

| 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | |
|-------|--------|-----------|-------|-------|-------|---------|-------|-------|-----------|--|
| 20.85 | 24.89 | 10.01 | 15.08 | -2.29 | 42.16 | -11.12 | 17.88 | 34.69 | -14.49 | |
| Comp | ound R | eturns (' | %) | | | | | | | |
| 1 M46 | 2 M4L | C MAL | | 2 1/ | E Var | 10 1/10 | 1 E V | 00 V | Incontion | |

| 1 Mth | 3 Mith | 6 Mith | YID | 1 Yr | 3 Yrs | 5 Yrs | 10 Yrs | 15 Yrs | 20 Yrs | Inception |
|-------|--------|--------|--------|--------|-------|-------|--------|--------|--------|-----------|
| 1.45 | -3.25 | -17.38 | -24.54 | -31.49 | -0.89 | -0.04 | 9.08 | _ | — | 8.14 |

| Risk Measures (5 yr.) | Standard Deviation (%) | Sortino Ratio | Sharpe Ratio | Alpha | Beta | R-Squared (%) |
|--------------------------|---------------------------|------------------|-----------------|-------|------|---------------|
| Fund | 16.90 | -0.00 | -0.16 | -1.65 | 1.09 | 90.86 |
| Benchmark | 14.42 | 0.17 | -0.07 | _ | _ | _ |

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Investment note Commentary



Manulife Asset Management (Hong Kong) Limited



Management



Management Fee Reduction Rates⁶

| Account/Household Value Tiers | All Qualifying Investments |
|-------------------------------|----------------------------|
| \$250K+ to \$499K | 2.50 basis points |
| \$500K+ to \$999K | 5.00 basis points |
| \$1M+ to \$4.9M | 7.50 basis points |
| \$5M+ to \$9.9M | 10.00 basis points |
| \$10M+ | 12.50 basis points |

Top 10 Holdings (%)⁷

| 1. Taiwan Semiconductor Manufacturing Co. Ltd. Shs | 10.41 |
|---|-------|
| 2. Tencent Holdings Ltd. Shs Par New Hkd 0.00002 | 7.26 |
| 3. AIA Group Ltd. Shs | 4.23 |
| 4. Alibaba Group Holding Ltd. Shs New | 3.78 |
| 5. Meituan Usd Cl B Ord Shs | 3.48 |
| 6. Mega Financial Holding Co. Ltd. Shs | 2.88 |
| 7. Sunny Optical Technology (Group) Company Limited Shs | 2.71 |
| 8. Lotes Co., Ltd Twse Listed Stocks | 2.41 |
| 9. Geely Automobile Holdings Ltd. Shs | 2.31 |
| 10.Postal Savings Bank of China Co. Ltd. Psbc\registered\shares H\01658 | 2.23 |

Portfolio Allocation

Geographic Allocation (%)

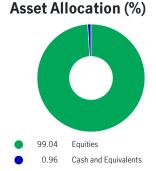
Sector Allocation (Equities) (%)



29.28 Information Technology 23.48 Financials 20.45 Consumer Discretionary 7.34 Industrials 5.86 Consumer Staples 3.78 Health Care 3.32 Materials 3.09 Real Estate 1.30 Utilities

Other

2.08



Commentary nvestment note

Star performers

Fund profile index

Manulife Global Listed Infrastructure Fund

The fund's portfolio is biased toward large-cap

blend stocks.

Series F • Performance as at August 31, 2022 • Holdings as at July 31, 2022

Overview

Overall Morningstar Rating¹

★★★☆☆

Key Facts

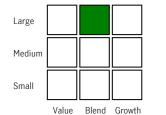
Inception date: May 5, 2008 AUM²: \$322.21M CIFSC category: Global Infrastructure Equity Distribution frequency ³: Quarterly Distribution yield⁴: 1.20% Positions: 39 Management fee: 1.04% MER: 1.46% (as at 2021-12-31, includes HST) Min. investment: \$500 initial; \$25 PAC Fund Status: Open Risk: Moderate



Equity Characteristics

| P/E Ratio | 21.45 |
|--------------------|----------|
| P/B Ratio | 2.30 |
| P/CF Ratio | 8.71 |
| ROE | 15.11% |
| Average Market Cap | \$40.06B |
| Dividend Yield | 3.25% |
| | |

Equity Style Box⁵



Fund Codes (MMF)

| Series | FE | LL2 | LL3 | DSC | NL |
|---------------|-------|-------|-------|-------|-------|
| Advisor | 4569 | 4869 | 4769 | 4469 | _ |
| Advisor - DCA | 24569 | 24869 | 24769 | 24469 | _ |
| F | _ | _ | _ | _ | 4669 |
| F - DCA | _ | _ | _ | _ | 24669 |
| FT6 | _ | _ | _ | _ | 1015 |
| М | _ | _ | _ | _ | 1657 |
| Т6 | 1515 | 9869 | 1315 | 1215 | _ |

DSC/LL2/LL3 load options are available for switches only and are not available for new purchases.

Why invest?

- Takes advantage of Brookfield Asset Management's deep sector knowledge drawn from 100-year history of owning and operating infrastructure assets
- Actively managed global portfolio of infrastructure securities diversified across geographies and sectors, that seeks current income and attractive risk-adjusted returns.
- Concentrated, bottom-up approach that focuses investments on Brookfield's best ideas globally
- · Provides exposure to hard asset investing with daily liquidity and pricing

Performance

Growth of \$10,000 since inception⁶



Calendar Returns (%)

| 201 | 12 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|------|----|-------|-------|-------|------|------|-------|-------|--------|-------|
| 14.0 | 00 | 24.35 | 17.23 | -1.98 | 8.19 | 5.55 | -1.11 | 21.61 | -10.70 | 18.34 |

Compound Returns (%)

| 1 Mth | 3 Mth | 6 Mth | YTD | 1 Yr | 3 Yrs | 5 Yrs | 10 Yrs | 15 Yrs | 20 Yrs | Inception | |
|-------|-------|-------|------|------|-------|-------|--------|--------|--------|-----------|--|
| -1.03 | -1.89 | 3.14 | 2.66 | 8.06 | 3.28 | 5.11 | 8.38 | _ | _ | 7.47 | |

| Risk Measures (5 yr.) | Standard Deviation (%) | Sortino Ratio | Sharpe Ratio | Alpha | Beta | R-Squared (%) |
|--------------------------|---------------------------|------------------|-----------------|-------|------|---------------|
| Fund | 11.73 | 0.63 | 0.19 | -0.96 | 1.04 | 96.66 |
| Benchmark ⁷ | 11.21 | 0.81 | 0.27 | _ | _ | _ |

Management sales team

Manulife Investment

Tom Miller

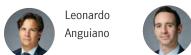
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Commentary Investment note

Management

Sub Advisor:

Brookfield Investment Management



Annual Distributions³

| | Income | Dividends | Capital Gains | Return of Capital | Total |
|------|--------|-----------|------------------|----------------------|--------|
| 2021 | \$0.13 | \$0.07 | _ | \$0.00 | \$0.20 |
| 2020 | \$0.10 | \$0.07 | _ | _ | \$0.17 |
| 2019 | \$0.19 | \$0.13 | \$0.07 | - | \$0.39 |
| 2018 | \$0.21 | \$0.15 | _ | _ | \$0.36 |
| 2017 | \$0.15 | \$0.11 | \$0.71 | \$0.06 | \$1.03 |
| 2016 | \$0.16 | \$0.08 | _ | \$0.01 | \$0.25 |

Management Fee Reduction Rates⁸

| Account/Household Value Tiers | All Qualifying Investments |
|-------------------------------|----------------------------|
| \$250K+ to \$499K | 2.50 basis points |
| \$500K+ to \$999K | 5.00 basis points |
| \$1M+ to \$4.9M | 7.50 basis points |
| \$5M+ to \$9.9M | 10.00 basis points |
| \$10M+ | 12.50 basis points |

Top 10 Holdings (%) 9

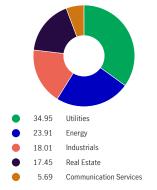
| 1. Enbridge Inc. Com | 8.52 |
|--|------|
| 2. Crown Castle International Corp. REIT Com | 7.09 |
| 3. American Tower Corp. REIT Com | 6.13 |
| 4. Vinci S.A. Shs | 4.97 |
| 5. Cheniere Energy Inc. Com New | 4.96 |
| 6. Cellnex Telecom S.A. Cellnex Telecom S A Acciones | 3.95 |
| 7. SBA Communications Corp. REIT CI A | 3.66 |
| 8. National Grid PLC Ord Gbp0.12431289 | 3.65 |
| 9. Ferrovial S.A. Shs | 3.65 |
| 10.CenterPoint Energy Inc. Com | 3.54 |

Portfolio Allocation

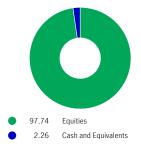
Geographic Allocation (%)

51.24 United States 14.27 Canada 9.44 Spain 6.53 France 5.27 United Kingdom Australia 3.06 2.90 China 1.67 Brazil 1.15 Hong Kong 4.47 Other

Sector Allocation (Equities) (%)



Asset Allocation (%)



Manulife Canadian Balanced Fund¹

Series F • Performance as at August 31, 2022 • Holdings as at July 31, 2022

6,7

The fund's portfolio is biased toward large-cap

blend stocks.

Overview

Overall Morningstar Rating²

Key Facts

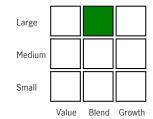
| Inception date: August 19, 2010 | |
|---|------------|
| AUM ³ : \$196.48M | |
| CIFSC category: Canadian Neutral Balanced | |
| Distribution frequency 4: Quarterly | |
| Distribution yield ⁵ : 2.68% | |
| Positions: 271 | |
| Management fee: 0.77% | |
| MER: 1.08% (as at 2021-12-31, includes HST) | |
| Min. investment: \$500 initial; \$25 PAC | |
| Fund Status: Capped | |
| Risk: Low to Moderate | |
| 4 | REFINITIVI |
| | |



Equity **Characteristics**

| P/E Ratio | 14.75 |
|--------------------|----------|
| P/B Ratio | 2.30 |
| P/CF Ratio | 11.93 |
| ROE | 21.95% |
| Average Market Cap | \$25.16B |
| Dividend Yield | 2.73% |
| | |

Equity Style Box⁸



Fund Codes (MMF)

| NL |
|------|
| _ |
| _ |
| 4671 |
| 9671 |
| — |
| |

DSC/LL2/LL3 load options are available for switches only and are not available for new purchases.

Why invest?

The fund provides diversification across all major asset classes. The equity selection process is based on Mawer's disciplined, fundamentally based bottom-up research process, which includes a strong focus on downside protection. Within fixed income, the fund will take a core position in Canadian government debt.

Performance

Growth of \$10,000 since inception⁹



Calendar Returns (%)

| 201 | 2 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|------|----|-------|-------|------|------|------|-------|-------|------|-------|
| 11.0 |)5 | 18.16 | 12.30 | 7.56 | 5.65 | 9.34 | -2.84 | 16.00 | 7.40 | 11.85 |

Compound Returns (%)

| 1 Mth | 3 Mth | 6 Mth | YTD | 1 Yr | 3 Yrs | 5 Yrs | 10 Yrs | 15 Yrs | 20 Yrs | Inception |
|-------|-------|-------|--------|--------|-------|-------|--------|--------|--------|-----------|
| -2.37 | -3.02 | -6.50 | -10.97 | -10.21 | 3.36 | 4.90 | 7.69 | _ | _ | 7.92 |

| Risk Measures (5 yr.) | Standard Deviation (%) | Sortino Ratio | Sharpe Ratio | Alpha | Beta | R-Squared (%) |
|--------------------------|---------------------------|------------------|-----------------|-------|------|---------------|
| Fund | 8.80 | 0.80 | 0.23 | 0.18 | 0.89 | 90.57 |
| Benchmark ¹⁰ | 9.84 | 0.76 | 0.23 | _ | _ | _ |

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Commentary nvestment note

Fund profiles

Τομ

Management

Mawer Investment Management Ltd.



Annual Distributions ⁴

| | Income | Dividends | Capital Gains | Return of Capital | Total |
|------|--------|-----------|------------------|----------------------|--------|
| 2021 | \$0.32 | \$0.15 | \$1.02 | _ | \$1.49 |
| 2020 | \$0.30 | \$0.17 | \$0.75 | _ | \$1.21 |
| 2019 | \$0.32 | \$0.17 | \$0.20 | - | \$0.70 |
| 2018 | \$0.32 | \$0.16 | \$0.53 | _ | \$1.01 |
| 2017 | \$0.30 | \$0.13 | \$0.26 | - | \$0.69 |
| 2016 | \$0.21 | \$0.05 | \$0.03 | _ | \$0.29 |

Management Fee Reduction Rates¹¹

| Account/Household Value Tiers | All Qualifying Investments |
|-------------------------------|----------------------------|
| \$250K+ to \$499K | 2.50 basis points |
| \$500K+ to \$999K | 5.00 basis points |
| \$1M+ to \$4.9M | 7.50 basis points |
| \$5M+ to \$9.9M | 10.00 basis points |
| \$10M+ | 12.50 basis points |

Top 10 Holdings (%) 12

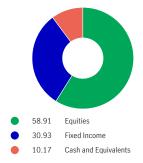
| 1. Canada Housing Trust No.1, 1.95%, 12/15/2025 | 3.18 |
|---|------|
| 2. Gov. of Canada Treasury Bill, 9/15/2022 | 2.21 |
| 3. Gov. of Canada Treasury Bill, 10/13/2022 | 2.17 |
| 4. Royal Bank of Canada Com | 1.88 |
| 5. Canadian Natural Resources Ltd. Com | 1.87 |
| 6. Alimentation Couche-Tard Inc. Multiple Vtg Sh | 1.85 |
| 7. Toronto-Dominion Bank Com New | 1.74 |
| 8. Canadian Pacific Railway Ltd. Com | 1.72 |
| 9. CGI Inc. CI A Sub Vtg | 1.70 |
| 10.Brookfield Asset Management Inc. Voting Shs Cl A | 1.57 |

Portfolio Allocation

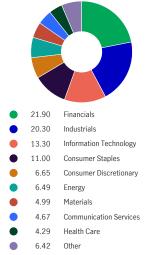
Geographic Allocation (%)

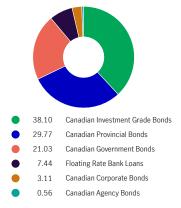
78.73 Canada 9.52 United States 2.12 United Kingdom 1.36 Japan 1.28 Sweden 1.10 Italv 1.01 Switzerland 0.83 Netherlands 0.56 Germany 3.50 Other

Asset Allocation (%)



Sector Allocation (Equities) (%)





nvestment note Commentary

Manulife Fundamental Balanced Class

Series F • Performance as at August 31, 2022 • Holdings as at July 31, 2022

Overview

Overall Morningstar Rating¹

Key Facts

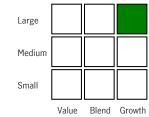
Management Team: Fundamental Equity Team Inception date: March 22, 2012 AUM²: \$122.71M CIFSC category: Canadian Equity Balanced Distribution frequency 3: Annual Positions: 495 Management fee: 0.80% MER: 1.12% (as at 2022-04-30, includes HST) Min. investment: \$500 initial; \$25 PAC Fund Status: Open Risk: Low to Moderate



Equity Characteristics

| Characteristics | |
|--------------------|----------|
| P/E Ratio | 20.25 |
| P/B Ratio | 2.88 |
| P/CF Ratio | 13.69 |
| ROE | 19.99% |
| Average Market Cap | \$60.95B |
| Dividend Yield | 1.84% |
| | |

Equity Style Box⁴



Fund Codes (MMF)

| Series | FE | LL2 | LL3 | DSC | NL |
|---------------|-------|-------|-------|-------|-------|
| Advisor | 8544 | 8044 | 8744 | 8444 | _ |
| Advisor - DCA | 28544 | 28044 | 28744 | 28444 | _ |
| F | _ | _ | _ | — | 8644 |
| F - DCA | _ | _ | _ | _ | 28644 |
| FT6 | _ | _ | _ | — | 1214 |
| Т6 | 9007 | 9049 | 9008 | 9006 | _ |

The fund's portfolio is biased toward large-cap

growth stocks.

DSC/LL2/LL3 load options are available for switches only and are not available for new purchases.

Why invest?

- Managed by the Fundamental Equity Team
- · Offers clients exposure to a balanced portfolio of primarily Canadian equity and multi sector fixed income.
- The equity selection process is based on a proprietary bottom-up, style agnostic approach allowing the investment team to allocate capital to the most attractive opportunities.
- · The fixed income portion of the fund is managed by a highly experienced team who emphasize sector allocation, credit quality and security selection, combined with active yield curve management and risk containment.

Performance

Growth of \$10,000 since inception⁵



Calendar Returns (%)

| 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|------|-------|-------|------|------|------|-------|-------|------|-------|
| _ | 12.67 | 13.87 | 2.67 | 8.04 | 7.54 | -1.16 | 19.65 | 8.34 | 18.50 |

Compound Returns (%)

| 1 Mth | 3 Mth | 6 Mth | YTD | 1 Yr | 3 Yrs | 5 Yrs | 10 Yrs | 15 Yrs | 20 Yrs | Inception | |
|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|-----------|--|
| -1.96 | -0.51 | -2.90 | -6.42 | -2.61 | 7.36 | 8.34 | 8.56 | _ | _ | 7.85 | |

| Risk Measures (5 yr.) | Standard Deviation (%) | Sortino Ratio | Sharpe Ratio | Alpha | Beta | R-Squared (%) |
|--------------------------|---------------------------|------------------|-----------------|-------|------|---------------|
| Fund | 9.32 | 1.44 | 0.57 | 3.14 | 0.88 | 84.35 |
| Benchmark ⁶ | 10.42 | 0.76 | 0.25 | _ | _ | _ |

Management sales team

Manulife Investment

Cavan Yie

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Star performers

Fund profile index

Management

Portfolio advisor:

Fundamental Equity Team



Rosha Thiru

Annual Distributions ³

| | Income | Dividends | Capital Gains | Return of Capital | Total |
|------|--------|-----------|------------------|----------------------|--------|
| 2021 | _ | \$0.13 | \$0.63 | _ | \$0.76 |
| 2020 | — | \$0.19 | \$0.79 | _ | \$0.97 |
| 2019 | _ | \$0.18 | - | _ | \$0.18 |
| 2018 | — | \$0.16 | \$0.28 | — | \$0.43 |
| 2017 | _ | \$0.13 | \$0.10 | _ | \$0.23 |
| 2016 | _ | \$0.05 | _ | _ | \$0.05 |

Management Fee Reduction Rates⁷

| Account/Household Value Tiers | All Qualifying Investments |
|-------------------------------|----------------------------|
| \$250K+ to \$499K | 2.50 basis points |
| \$500K+ to \$999K | 5.00 basis points |
| \$1M+ to \$4.9M | 7.50 basis points |
| \$5M+ to \$9.9M | 10.00 basis points |
| \$10M+ | 12.50 basis points |

Top 10 Holdings (%) ⁸

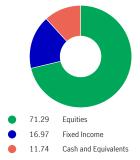
| 1. Gov. of Canada Treasury Bill, 8/18/2022 | 8.27 |
|--|------|
| 2. Canadian National Railway Company Com | 3.57 |
| 3. Microsoft Corp. Com | 3.26 |
| 4. Canadian Pacific Railway Ltd. Com | 3.09 |
| 5. Zeus Receivables Trust, 8/2/2022 | 3.02 |
| 6. Constellation Software Inc. Com | 2.89 |
| 7. Oracle Corp. Com | 2.85 |
| 8. Toronto-Dominion Bank Com New | 2.83 |
| 9. McKesson Corp. Com | 2.80 |
| 10.Danaher Corp. Com | 2.62 |

Portfolio Allocation

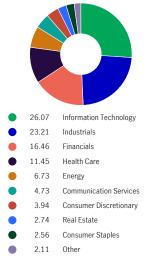
Geographic Allocation (%)



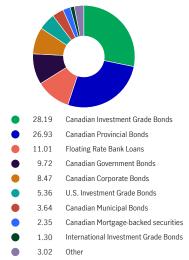
Asset Allocation (%)



Sector Allocation (Equities) (%)



Fixed Income Allocation (%)



Manulife Investment Management sales team

Commentary nvestment note

Manulife Investment Management

Manulife Fundamental Income Fund¹

Series F • Performance as at August 31, 2022 • Holdings as at July 31, 2022

Overview

Overall Morningstar Rating²

Key Facts

Management Team: Fundamental Equity Team Inception date: July 7, 2005 AUM³: \$1.28B CIFSC category: Canadian Neutral Balanced Distribution frequency ⁴: Monthly Distribution yield⁵: 4.20% Positions: 416 Management fee: 0.78% MER: 1.09% (as at 2021-12-31, includes HST) Min. investment: \$500 initial; \$25 PAC Fund Status: Open Risk: Low to Moderate



| Fixed Income Characteristics | | Equity Characteristics | | | |
|-------------------------------------|---------|---------------------------|----------|--|--|
| Average Credit Quality ⁶ | A-/BBB+ | P/E Ratio | 16.62 | | |
| Current Yield | 4.31% | P/B Ratio | 2.51 | | |
| Maturity (Years) | 10.74 | P/CF Ratio | 11.90 | | |
| Effective Duration | 7.11 | ROE | 20.96% | | |
| Modified Duration | 7.25 | Average Market Cap | \$67.11B | | |
| Yield to Maturity | 5.36% | Dividend Yield | 2.32% | | |
| Yield to Worst | 5.34% | | | | |

Equity Style Box⁷



Fund Codes (MMF)

| Series | FE | LL2 | LL3 | DSC | NL |
|---------------|-------|-------|-------|-------|-------|
| Advisor | 3547 | 3071 | 3747 | 3447 | _ |
| Advisor - DCA | 23547 | 23071 | 23747 | 23447 | _ |
| F | _ | _ | _ | _ | 3647 |
| F - DCA | _ | _ | _ | _ | 23647 |
| FT6 | _ | _ | _ | _ | 3947 |
| Т6 | 3548 | 3171 | 3748 | 3448 | _ |

DSC/LL2/LL3 load options are available for switches only and are not available for new purchases.

Why invest?

- Managed by the Fundamental Equity Team
- Aims to deliver a combination of attractive tax efficient monthly income, capital preservation and growth through exposure to the Canadian equity and fixed income space.
- The fund is built based on bottom up company fundamentals favoring companies exhibiting sustainable business models, predictable cash flows and growing dividends that can be returned to investors.

Performance

Growth of \$10,000 since inception⁸



Calendar Returns (%)

| 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|------|-------|------|------|------|------|-------|-------|------|-------|
| 5.34 | 12.92 | 9.80 | 1.33 | 7.66 | 5.93 | -3.23 | 15.37 | 6.92 | 14.10 |

Compound Returns (%)

| 1 Mth | 3 Mth | 6 Mth | YTD | 1 Yr | 3 Yrs | 5 Yrs | 10 Yrs | 15 Yrs | 20 Yrs | Inception | |
|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|-----------|--|
| -1.76 | -1.57 | -4.05 | -7.30 | -4.09 | 4.80 | 5.52 | 6.48 | _ | _ | 5.71 | |

| Risk Measures (5 yr.) | Standard Deviation (%) | Sortino Ratio | Sharpe Ratio | Alpha | Beta | R-Squared (%) |
|--------------------------|---------------------------|------------------|-----------------|-------|------|---------------|
| Fund | 8.33 | 1.01 | 0.31 | 1.20 | 0.95 | 89.50 |
| Benchmark ⁹ | 8.73 | 0.74 | 0.18 | _ | _ | _ |

Management sales team

Manulife Investment

The fund's portfolio is

growth stocks.

biased toward large-cap

< >

Fund profiles

Management

Portfolio advisor:

Fundamental Equity Team



Annual Distributions ⁴

| | Income | Dividends | Capital Gains | Return of Capital | Total |
|------|--------|-----------|------------------|----------------------|--------|
| 2021 | \$0.11 | \$0.17 | \$1.02 | \$0.41 | \$1.70 |
| 2020 | \$0.18 | \$0.17 | \$0.43 | \$0.33 | \$1.11 |
| 2019 | \$0.16 | \$0.17 | \$0.51 | \$0.34 | \$1.18 |
| 2017 | \$0.03 | \$0.20 | \$0.43 | \$0.46 | \$1.11 |
| 2016 | _ | \$0.07 | \$0.42 | \$0.59 | \$1.08 |

Management Fee Reduction Rates¹⁰

| Account/Household Value Tiers | All Qualifying Investments |
|-------------------------------|----------------------------|
| \$250K+ to \$499K | 2.50 basis points |
| \$500K+ to \$999K | 5.00 basis points |
| \$1M+ to \$4.9M | 7.50 basis points |
| \$5M+ to \$9.9M | 10.00 basis points |
| \$10M+ | 12.50 basis points |

Top 10 Holdings (%) 11

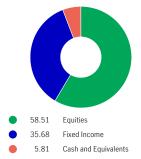
| 1. Toronto-Dominion Bank Com New | 3.87 |
|--------------------------------------|------|
| 2. Canadian Pacific Railway Ltd. Com | 3.13 |
| 3. Microsoft Corp. Com | 2.78 |
| 4. Zeus Receivables Trust, 8/2/2022 | 1.98 |
| 5. TMX Group Limited Com | 1.84 |
| 6. Suncor Energy Inc. Com | 1.80 |
| 7. Constellation Software Inc. Com | 1.76 |
| 8. Danaher Corp. Com | 1.75 |
| 9. Gov. of Canada, 8/4/2022 | 1.72 |
| 10.Oracle Corp. Com | 1.71 |

Portfolio Allocation

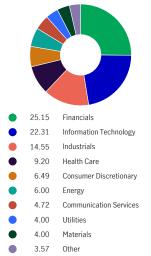
Geographic Allocation (%)

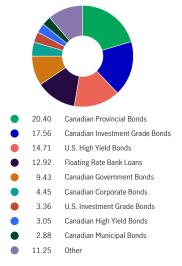


Asset Allocation (%)



Sector Allocation (Equities) (%)





Manulife Monthly High Income Fund

Series F • Performance as at August 31, 2022 • Holdings as at July 31, 2022

Overview

Overall Morningstar Rating¹

Key Facts

Management Team: Essential Equity Team Inception date: August 17, 2000 AUM³: \$8.928 CIFSC category: Canadian Neutral Balanced Distribution frequency⁴: Monthly Distribution yield⁵: 4.57% Positions: 403 Management fee: 0.60% MER: 0.88% (as at 2021-12-31, includes HST) Min. investment: \$500 initial; \$25 PAC Fund Status: Open Risk: Low to Moderate



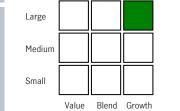
| Fixed Income Characteristics | | Equity Characteristics | |
|-------------------------------------|----------|---------------------------|----------|
| Average Credit Quality ⁶ | BBB+/BBB | P/E Ratio | 22.63 |
| Current Yield | 4.17% | P/B Ratio | 3.52 |
| Maturity (Years) | 7.99 | P/CF Ratio | 13.42 |
| Effective Duration | 5.82 | ROE | 24.62% |
| Modified Duration | 5.86 | Average Market Cap | \$67.88B |
| Yield to Maturity | 5.28% | Dividend Yield | 2.10% |
| Yield to Worst | 5.23% | | |

The fund's portfolio is

growth stocks.

biased toward large-cap

Equity Style Box⁷



Fund Codes (MMF)

| Series | FE | LL2 | LL3 | DSC | NL |
|---------------|-------|-------|-------|-------|-------|
| В | 1583 | 3883 | 1783 | 1483 | _ |
| B - DCA | 21583 | 23883 | 21783 | 21483 | _ |
| Advisor | 583 | _ | 783 | 483 | _ |
| Advisor - DCA | 20583 | _ | 20783 | 20483 | _ |
| F | _ | _ | _ | — | 683 |
| F - DCA | _ | _ | _ | _ | 20683 |
| FT6 | _ | _ | _ | — | 1812 |
| Т6 | 9583 | 9983 | 9783 | 9483 | _ |

DSC/LL2/LL3 load options are available for switches only and are not available for new purchases.

Why invest?

- Managed by the Manulife Essential Equity Team.
- The team's focus is on creating a high returning conglomerate portfolio consisting of diversified businesses to ensure that revenue and earnings come from many different sources.
- Constructed using a fundamental, value based lens selecting primarily investment grade fixed income and Canadian, U.S and Global dividend-paying business.
- The portfolio managers focus on selecting businesses, which in aggregate have high and stable profitability, minimal financial leverage and are priced at an attractive valuation. The fund is ideal for clients looking for a fixed monthly income source and the growth potential of one the world's largest equity markets.

Performance

Growth of \$10,000 since inception⁸



Calendar Returns (%)

| 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | |
|------|-------|-------|------|------|-------|-------|-------|------|-------|--|
| 8.56 | 16.97 | 17.56 | 1.04 | 6.75 | 11.65 | -4.78 | 14.91 | 7.91 | 14.72 | |

Compound Returns (%)

| 1 Mth | 3 Mth | 6 Mth | YTD | 1 Yr | 3 Yrs | 5 Yrs | 10 Yrs | 15 Yrs | 20 Yrs | Inception |
|-------|-------|-------|--------|-------|-------|-------|--------|--------|--------|-----------|
| -1.90 | 0.15 | -4.80 | -10.10 | -7.04 | 4.27 | 5.10 | 7.60 | _ | _ | 8.60 |

| Risk Measures (5 yr.) | Standard Deviation (%) | Sortino Ratio | Sharpe Ratio | Alpha | Beta | R-Squared (%) |
|--------------------------|---------------------------|------------------|-----------------|-------|------|---------------|
| Fund | 9.55 | 0.77 | 0.22 | 0.16 | 0.94 | 84.78 |
| Benchmark ⁹ | 9.84 | 0.76 | 0.23 | _ | _ | _ |





Management

Portfolio advisor:

Essential Equity Team





Prakash

Chaudhari

Annual Distributions⁴

Jonathan

Popper

Roshan

Thiru

| | Income | Dividends | Capital Gains | Return of Capital | Total |
|------|--------|-----------|------------------|----------------------|--------|
| 2021 | \$0.14 | \$0.11 | \$0.67 | \$0.42 | \$1.35 |
| 2020 | \$0.12 | \$0.08 | — | \$0.52 | \$0.72 |
| 2019 | \$0.16 | \$0.11 | \$0.09 | \$0.42 | \$0.77 |
| 2018 | \$0.15 | \$0.11 | \$0.40 | \$0.42 | \$1.07 |
| 2017 | \$0.21 | \$0.12 | \$1.29 | \$0.37 | \$1.99 |
| 2016 | \$0.16 | \$0.14 | \$1.08 | \$0.38 | \$1.77 |

Management Fee Reduction Rates¹⁰

| Account/Household Value Tiers | All Qualifying Investments |
|-------------------------------|----------------------------|
| \$250K+ to \$499K | 2.50 basis points |
| \$500K+ to \$999K | 5.00 basis points |
| \$1M+ to \$4.9M | 7.50 basis points |
| \$5M+ to \$9.9M | 10.00 basis points |
| \$10M+ | 12.50 basis points |

Top 10 Holdings (%) ¹¹

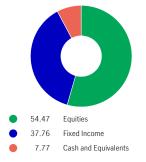
| 2.39 |
|------|
| 2.37 |
| 1.58 |
| 1.58 |
| 1.57 |
| 1.54 |
| 1.52 |
| 1.52 |
| 1.52 |
| 1.42 |
| |

Portfolio Allocation

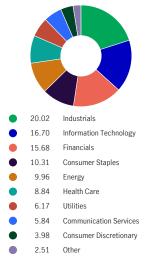
Geographic Allocation (%)

75.62 Canada 19.70 United States 1.63 Ireland 1.27 Bermuda 0.73 United Kingdom Netherlands 0.64 0.31 Taiwan 0.06 Australia 0.05 Jersey

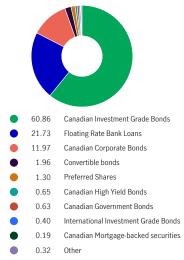
Asset Allocation (%)



Sector Allocation (Equities) (%)



Fixed Income Allocation (%)



nvestment note Commentary

Manulife Simplicity Conservative Portfolio

Series F • Performance as at August 31, 2022 • Holdings as at July 31, 2022

Overview

Overall Morningstar Rating¹

Key Facts

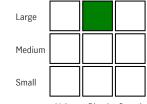
Management Team: Manulife Multi-Asset Solutions Team Inception date: April 25, 2005 **AUM**²: \$314.58M CIFSC category: Canadian Fixed Income Balanced Distribution frequency ³: Quarterly Distribution yield⁴: 1.89% Positions: 2125 Management fee: 0.80% MER: 1.05% (as at 2021-12-31, includes HST) Min. investment: \$500 initial; \$25 PAC Fund Status: Open Risk: Low



Equity **Characteristics**

| onaraoteristics | |
|--------------------|----------|
| P/E Ratio | 18.01 |
| P/B Ratio | 2.57 |
| P/CF Ratio | 11.27 |
| ROE | 21.83% |
| Average Market Cap | \$62.67B |
| Dividend Yield | 2.41% |
| | |

Equity Style Box⁵



The fund's portfolio is biased toward large-cap blend stocks.

Value Blend Growth

Fund Codes (MMF)

| Series | FE | LL2 | LL3 | DSC | NL |
|---------------|-------|-------|-------|-------|-------|
| Advisor | 563 | 3273 | 763 | 463 | _ |
| Advisor - DCA | 20563 | 23273 | 20763 | 20463 | _ |
| F | _ | _ | _ | _ | 663 |
| F - DCA | _ | _ | _ | _ | 20663 |
| FT6 | _ | _ | _ | _ | 1028 |
| Т6 | 1528 | 3373 | 1328 | 1228 | _ |

DSC/LL2/LL3 load options are available for switches only and are not available for new purchases.

Why invest?

- · Seeks to generate income with an emphasis on capital preservation within a broadly diversified, risktargeted portfolio.
- · Invests in a broad universe of asset classes, utilizing a diversified mix of primarily mutual funds and Exchange Traded Funds (ETFs).
- Employs diversification of asset classes, investment styles and strategies to help enable the greatest probability of achieving risk-adjusted results that are consistent with the Portfolio's objectives.

Performance

Growth of \$10,000 since inception⁶



Calendar Returns (%)

| 20 | 012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|-----|-----|------|------|------|------|------|-------|------|------|------|
| 6.2 | 22 | 3.95 | 8.10 | 3.09 | 3.75 | 4.79 | -1.73 | 9.80 | 8.33 | 2.56 |

Compound Returns (%)

| 1 Mth | 3 Mth | 6 Mth | YTD | 1 Yr | 3 Yrs | 5 Yrs | 10 Yrs | 15 Yrs | 20 Yrs | Inception |
|-------|-------|-------|--------|-------|-------|-------|--------|--------|--------|-----------|
| -2.26 | -1.53 | -6.12 | -10.15 | -9.46 | 0.06 | 1.89 | 3.35 | _ | _ | 3.60 |

| Risk Measures (5 yr.) | Standard Deviation (%) | Sortino Ratio | Sharpe Ratio | Alpha | Beta | R-Squared (%) |
|--------------------------|---------------------------|------------------|-----------------|-------|------|---------------|
| Fund | 5.64 | 0.49 | -0.14 | -0.11 | 1.04 | 94.44 |
| Benchmark ⁷ | 5.28 | 0.54 | -0.13 | _ | _ | _ |

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Manulife Investment Management

>

Management **Portfolio advisor:**

Manulife Multi-Asset Solutions Team

Nathan

Thooft

Sub Advisor:

Manulife Investment Management (US) LLC







Annual Distributions ³

| | Income | Dividends | Capital Gains | Return of Capital | Total |
|------|--------|-----------|------------------|----------------------|--------|
| 2021 | \$0.19 | \$0.01 | \$0.19 | - | \$0.39 |
| 2020 | \$0.21 | \$0.02 | \$0.37 | — | \$0.59 |
| 2019 | \$0.23 | \$0.02 | \$0.08 | \$0.00 | \$0.33 |
| 2018 | \$0.26 | \$0.01 | \$0.14 | — | \$0.41 |
| 2017 | \$0.29 | \$0.02 | \$0.20 | - | \$0.51 |
| 2016 | \$0.25 | \$0.01 | \$0.14 | _ | \$0.40 |

Management Fee Rates⁸

| Account/Household Value Tiers | All Qualifying Investments |
|-------------------------------|----------------------------|
| \$250K+ to \$499K | 2.50 basis points |
| \$500K+ to \$999K | 5.00 basis points |
| \$1M+ to \$4.9M | 7.50 basis points |
| \$5M+ to \$9.9M | 10.00 basis points |
| \$10M+ | 12.50 basis points |

Top 10 Underlying Fund Holdings (%) ⁹

| 1. | Manulife Bond Fund | 28.26 |
|----|--|-------|
| 2. | Manulife Canadian Universe Bond Fund | 17.91 |
| 3. | Manulife Strategic Income Fund | 9.84 |
| 4. | Manulife Smart Short-Term Bond ETF | 8.68 |
| 5. | Manulife Global Equity Class | 5.55 |
| 6. | Manulife U.S. Unconstrained Bond Fund | 4.94 |
| 7. | Manulife Fundamental Equity Fund | 4.08 |
| 8. | Manulife Global Listed Infrastructure Fund | 4.07 |
| 9. | Manulife Global Dividend Class | 4.03 |
| 10 | Manulife Dividend Income Fund. | 3.56 |

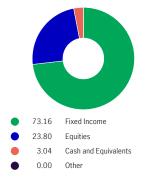
10.Manulife Dividend Income Fund

Portfolio Allocation

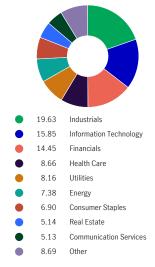
Geographic Allocation (%)

.24 Canada .49 United States .48 United Kingdom 1.01 France).75 Ireland 0.67 Japan 0.67 Netherlands 0.57 Switzerland 0.54 Australia 4.58 Other

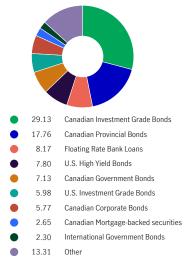
Asset Allocation (%)



Sector Allocation (Equities) (%)



Fixed Income Allocation (%)



Commentary Investment note

| \$0.08 | \$0.00 | \$0.33 | | | | |
|----------------------------|--------|--------|---|-----|--|--|
| \$0.14 | _ | \$0.41 | | | | |
| \$0.20 | _ | \$0.51 | | | | |
| \$0.14 | — | \$0.40 | | | | |
| | | | • | 64. | | |
| | ductio | n | • | 25. | | |
| - NC | uuciiv | | • | 1. | | |
| | | | • | 1. | | |
| All Qualifying Investments | | | | | | |
| | | | | 0. | | |

Commentary nvestment note

Star performers

Manulife Simplicity Moderate Portfolio

Series F • Performance as at August 31, 2022 • Holdings as at July 31, 2022

Overview

Overall Morningstar Rating¹

Key Facts

Management Team: Manulife Multi-Asset Solutions Team Inception date: April 25, 2005 AUM²: \$222.11M CIFSC category: Canadian Fixed Income Balanced Distribution frequency ³: Quarterly Distribution yield⁴: 1.91% Positions: 2355 Management fee: 0.85% MER: 1.18% (as at 2021-12-31, includes HST) Min. investment: \$500 initial; \$25 PAC Fund Status: Open Risk: Low

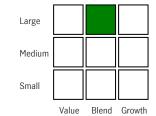
RISK: LOW



Equity Characteristics

| onaraoteristics | |
|--------------------|----------|
| P/E Ratio | 15.94 |
| P/B Ratio | 2.35 |
| P/CF Ratio | 11.16 |
| ROE | 19.66% |
| Average Market Cap | \$46.40B |
| Dividend Yield | 2.50% |
| | |

Equity Style Box⁵



Fund Codes (MMF)

| Series | FE | LL2 | LL3 | DSC | NL |
|---------------|-------|-------|-------|-------|-------|
| Advisor | 564 | 3274 | 764 | 464 | _ |
| Advisor - DCA | 20564 | 23274 | 20764 | 20464 | _ |
| F | — | _ | _ | _ | 664 |
| F - DCA | _ | _ | _ | _ | 20664 |
| FT6 | — | _ | _ | _ | 1029 |
| Т6 | 1529 | 3374 | 1329 | 1229 | _ |

The fund's portfolio is

blend stocks.

biased toward large-cap

DSC/LL2/LL3 load options are available for switches only and are not available for new purchases.

Why invest?

- Seeks to generate and long-term growth consistent with preservation of capital within a broadly diversified, risk-targeted portfolio.
- Invests in a broad universe of asset classes, utilizing a diversified mix of primarily mutual funds and Exchange Traded Funds (ETFs).
- Employs diversification of asset classes, investment styles and strategies to help enable the greatest probability of achieving risk-adjusted results that are consistent with the Portfolio's objectives.

Performance

Growth of \$10,000 since inception⁶



Calendar Returns (%)

| 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|------|------|------|------|------|------|-------|-------|------|------|
| 7.44 | 8.68 | 8.85 | 4.43 | 4.92 | 7.15 | -3.29 | 12.92 | 9.95 | 5.29 |

Compound Returns (%)

| 1 Mth | 3 Mth | 6 Mth | YTD | 1 Yr | 3 Yrs | 5 Yrs | 10 Yrs | 15 Yrs | 20 Yrs | Inception |
|-------|-------|-------|--------|--------|-------|-------|--------|--------|--------|-----------|
| -2.15 | -2.12 | -6.74 | -11.01 | -10.76 | 1.72 | 3.05 | 4.91 | _ | _ | 5.48 |

| Risk Measures (5 yr.) | Standard Deviation (%) | Sortino Ratio | Sharpe Ratio | Alpha | Beta | R-Squared (%) |
|--------------------------|---------------------------|------------------|-----------------|-------|------|---------------|
| Fund | 7.10 | 0.63 | 0.04 | 0.01 | 0.97 | 90.48 |
| Benchmark ⁷ | 7.53 | 0.59 | 0.05 | _ | _ | _ |

Fund Focus | Fall 2022 93

Investment note

Commentary

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Manulife Investment Management

Management

Portfolio advisor:

Manulife Multi-Asset Solutions Team

Nathan

Thooft

Sub Advisor:

Manulife Investment Management (US) LLC







Annual Distributions ³

| | Income | Dividends | Capital Gains | Return of Capital | Total |
|------|--------|-----------|------------------|----------------------|--------|
| 2021 | \$0.22 | \$0.03 | \$0.54 | _ | \$0.80 |
| 2020 | \$0.22 | \$0.03 | \$0.42 | _ | \$0.67 |
| 2019 | \$0.22 | \$0.03 | \$0.12 | \$0.00 | \$0.37 |
| 2018 | \$0.27 | \$0.03 | \$0.33 | - | \$0.64 |
| 2017 | \$0.30 | \$0.04 | \$0.47 | - | \$0.81 |
| 2016 | \$0.22 | \$0.03 | \$0.11 | _ | \$0.36 |

Management Fee Reduction Rates⁸

| Account/Household Value Tiers | All Qualifying Investments |
|-------------------------------|----------------------------|
| \$250K+ to \$499K | 2.50 basis points |
| \$500K+ to \$999K | 5.00 basis points |
| \$1M+ to \$4.9M | 7.50 basis points |
| \$5M+ to \$9.9M | 10.00 basis points |
| \$10M+ | 12.50 basis points |

Top 10 Underlying Fund Holdings (%) ⁹

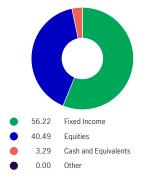
| 1. | Manulife Bond Fund | 19.87 |
|----|---------------------------------------|-------|
| 2. | Manulife Strategic Income Fund | 9.87 |
| 3. | Manulife Canadian Universe Bond Fund | 8.98 |
| 4. | Manulife Smart Short-Term Bond ETF | 6.72 |
| 5. | Manulife Corporate Bond Fund | 5.95 |
| 6. | Manulife Canadian Investment Fund | 5.43 |
| 7. | Manulife World Investment Class | 4.89 |
| 8. | Manulife U.S. Unconstrained Bond Fund | 4.47 |
| 9. | Manulife U.S. All Cap Equity Fund | 4.14 |
| 10 | .MLF EAFE Equity Fund | 4.03 |

Portfolio Allocation

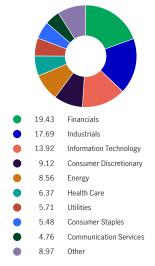
Geographic Allocation (%)

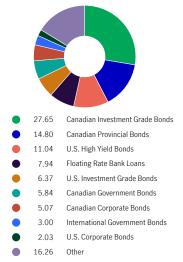
55.04 Canada 27.14 United States 2.54 United Kingdom 1.38 France 1.32 Japan China 1.27 1.24 Netherlands 0.80 Switzerland 0.76 Ireland 8.52 Other

Asset Allocation (%)



Sector Allocation (Equities) (%)





Manulife Tactical Income Fund

Series F • Performance as at August 31, 2022 • Holdings as at July 31, 2022

Overview

Overall Morningstar Rating¹

Key Facts

Management Team: Fundamental Equity Team Inception date: November 3, 2014 AUM²: \$53.99M CIFSC category: Tactical Balanced Distribution frequency ³: Monthly Distribution yield⁴: 8.36% Positions: 1459 Management fee: 0.80% MER: 1.10% (as at 2021-12-31, includes HST) Min. investment: \$500 initial; \$25 PAC Fund Status: Open Risk: Low to Moderate



| Fixed Income Characteristics | | Equity Characteristics | |
|-------------------------------------|-------|---------------------------|----------|
| Average Credit Quality ⁵ | A/A- | P/E Ratio | 20.25 |
| Current Yield | 3.36% | P/B Ratio | 2.94 |
| Maturity (Years) | 8.01 | P/CF Ratio | 13.24 |
| Effective Duration | 5.86 | ROE | 22.57% |
| Modified Duration | 5.92 | Average Market Cap | \$94.53B |
| Yield to Maturity | 4.85% | Dividend Yield | 2.03% |
| Yield to Worst | 4.83% | | |
| | | | |

Equity Style Box⁶



The fund's portfolio is biased toward large-cap growth stocks.

Value Blend Growth

Fund Codes (MMF)

| Series | FE | LL2 | LL3 | DSC | NL |
|---------------|-------|-------|-------|-------|-------|
| Advisor | 3552 | 3672 | 3752 | 3452 | _ |
| Advisor - DCA | 23552 | 23672 | 23752 | 23452 | _ |
| F | _ | _ | _ | _ | 3652 |
| F - DCA | _ | _ | _ | _ | 23652 |
| FT6 | _ | _ | _ | _ | 3952 |
| Т6 | 3553 | 3673 | 3753 | 3453 | _ |

DSC/LL2/LL3 load options are available for switches only and are not available for new purchases.

Why invest?

- Managed by the Fundamental Equity Team
- A flexible income focused balanced portfolio that can tactically adjust its allocation amongst various fixed income and equity classes as market conditions change.
- Tactical asset allocation decisions focus on company and market specific factors, allowing for a more active approach to investment management when choosing to under or overweight asset classes.

Performance

Growth of \$10,000 since inception⁷



Calendar Returns (%)

| 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|------|------|------|------|------|------|-------|-------|-------|-------|
| _ | _ | _ | 2.66 | 7.36 | 7.39 | -3.93 | 15.39 | 10.76 | 13.56 |

Compound Returns (%)

| 1 Mth | 3 Mth | 6 Mth | YTD | 1 Yr | 3 Yrs | 5 Yrs | 10 Yrs | 15 Yrs | 20 Yrs | Inception |
|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|-----------|
| -1.83 | -1.50 | -2.83 | -7.19 | -2.31 | 5.59 | 6.09 | _ | _ | _ | 5.52 |

| Risk Measures (5 yr.) | Standard Deviation (%) | Sortino Ratio | Sharpe Ratio | Alpha | Beta | R-Squared (%) |
|--------------------------|---------------------------|------------------|-----------------|-------|------|---------------|
| Fund | 8.79 | 1.10 | 0.36 | 1.86 | 0.93 | 77.24 |
| Benchmark ⁸ | 8.73 | 0.74 | 0.18 | _ | _ | _ |

Patrick Blais

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Star performers

Fund profile index

Management sales team Manulife Investment

Steve Belisle

Management

Portfolio advisor: Fundamental Equity Team

> Roshan Thiru

Annual Distributions³

| | Income | Dividends | Capital Gains | Return of Capital | Total |
|------|--------|-----------|------------------|----------------------|--------|
| 2021 | \$0.06 | \$0.06 | \$0.48 | \$0.54 | \$1.15 |
| 2020 | \$0.09 | \$0.07 | \$0.27 | \$0.51 | \$0.93 |
| 2019 | \$0.10 | \$0.08 | \$0.36 | \$0.50 | \$1.03 |
| 2018 | \$0.06 | \$0.07 | \$0.02 | \$0.56 | \$0.72 |
| 2017 | \$0.05 | \$0.12 | _ | \$0.55 | \$0.72 |
| 2016 | _ | \$0.06 | _ | \$0.66 | \$0.72 |

Management Fee Reduction Rates⁹

| Account/Household Value Tiers | All Qualifying Investments |
|-------------------------------|----------------------------|
| \$250K+ to \$499K | 2.50 basis points |
| \$500K+ to \$999K | 5.00 basis points |
| \$1M+ to \$4.9M | 7.50 basis points |
| \$5M+ to \$9.9M | 10.00 basis points |
| \$10M+ | 12.50 basis points |

Top 10 Holdings (%) ¹⁰

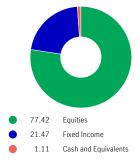
| 1. Toronto-Dominion Bank Com New | 4.68 |
|--|------|
| 2. Microsoft Corp. Com | 4.38 |
| 3. Danaher Corp. Com | 3.10 |
| 4. Suncor Energy Inc. Com | 2.87 |
| 5. Oracle Corp. Com | 2.68 |
| 6. Canadian Pacific Railway Ltd. Com | 2.50 |
| 7. Visa Inc. Com CI A | 2.49 |
| 8. Raytheon Technologies Corp. Com | 2.36 |
| 9. Brookfield Infrastructure Partners L.P. Partnership Units | 2.34 |
| 10.McKesson Corp. Com | 2.30 |
| | |

Portfolio Allocation

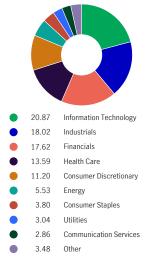
Geographic Allocation (%)

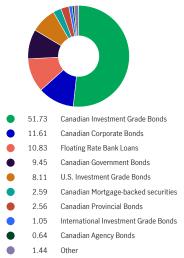


Asset Allocation (%)



Sector Allocation (Equities) (%)





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Commentary nvestment note

Star performers

Fund profile index

Manulife Smart Balanced Dividend ETF Bundle

Series F • Holdings as at July 31, 2022

Overview

Key Facts

Management Team: Manulife Multi-Asset Solutions Team Inception date: November 11, 2021 AUM¹: \$33.06M CIFSC category: Canadian Neutral Balanced Distribution rjequency²: Quarterly Distribution yield³: 0.82% Positions: 322 Management fee: 0.40% Min. investment: \$500 initial; \$25 PAC Fund Status: Open Risk: Low to Moderate



Fund Codes (MMF)

| Series | FE | LL2 | LL3 | DSC | NL |
|---------------|-------|------|------|------|-------|
| Advisor | 8166 | 8266 | 8366 | 8066 | _ |
| Advisor - DCA | 28166 | _ | _ | _ | — |
| F | _ | _ | _ | _ | 8666 |
| F - DCA | _ | _ | _ | _ | 28666 |
| FT6 | _ | _ | _ | _ | 8766 |
| Т6 | 8167 | 8267 | 8367 | 8067 | _ |

 $\mbox{DSC/LL2/LL3}$ load options are available for switches only and are not available for new purchases.

Why invest?

- Access to the increasingly popular ETF investment vehicle in a one-ticket balanced solution
- Active management backed by the strength and stability of Manulife Investment Management at an
 attractive price
- Aims to deliver access to dividend growers in Canada and the U.S. for income and inflation protection
- Aims to provide exposure to Canadian corporate bonds for income and diversification

Performance

Performance cannot be shown until one year after the Fund's inception.

Calendar Returns (%)

Performance cannot be shown until one year after the Fund's inception.

Compound Returns (%)

Performance cannot be shown until one year after the Fund's inception.

Manulife Investment Management sales team

Investment note

Commentary

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Manulife Investment Management

Management

Portfolio advisor:

Manulife Multi-Asset Solutions Team



Annual Distributions²

| | Income | Dividends | Capital Gains | Return of Capital | Total |
|------|--------|-----------|------------------|----------------------|--------|
| 2021 | \$0.03 | \$0.02 | \$0.10 | _ | \$0.15 |

Management Fee Reduction Rates⁴

| Account/Household Value Tiers | All Qualifying Investments |
|-------------------------------|----------------------------|
| \$250K+ to \$499K | 2.50 basis points |
| \$500K+ to \$999K | 5.00 basis points |
| \$1M+ to \$4.9M | 7.50 basis points |
| \$5M+ to \$9.9M | 10.00 basis points |
| \$10M+ | 12.50 basis points |

Top 10 Holdings (%) ⁵

| 1. Rogers Communications Inc., 3.25%, 5/1/2029 | 2.05 |
|---|------|
| 2. Bell Canada, 3.35%, 3/12/2025 | 1.68 |
| 3. Canadian Pacific Railway Limited, 2.54%, 2/28/2028 | 1.54 |
| 4. NorthWest Healthcare Properties REIT Tr Unit | 1.35 |
| 5. Canadian Utilities Ltd. Cl A | 1.33 |
| 6. The North West Company Inc. Var Vtg & Com Vtg Sh | 1.28 |
| 7. Dollarama Inc. Com | 1.27 |
| 8. Power Corp. of Canada Com | 1.27 |
| 9. BCE Inc. Com New | 1.26 |
| 10.TC Energy Corp. Com | 1.23 |

Portfolio Allocation

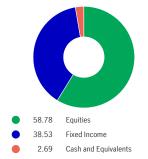
Geographic Allocation (%)

69.09 Canada 29.75 United States 0.66 Ireland 0.21 Switzerland 0.17 Jersev 0.12 Netherlands

Sector Allocation (Equities) (%)



Asset Allocation (%)



Manulife Strategic Balanced Yield Fund

Series F • Performance as at August 31, 2022 • Holdings as at July 31, 2022

Overview

Overall Morningstar Rating¹

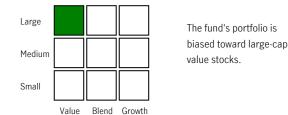
Key Facts

Management Team: U.S. Core Value Equity Team Inception date: March 22, 2012 AUM²: \$1.41B CIFSC category: Global Neutral Balanced Distribution frequency ³: Monthly Distribution yield⁴: 2.36% Positions: 548 Management fee: 0.83% MER: 1.14% (as at 2021-12-31, includes HST) Min. investment: \$500 initial; \$25 PAC Fund Status: Open Risk: Low to Moderate



| | Equity Characteristics | |
|----------|-------------------------------------|---|
| BBB+/BBB | P/E Ratio | 13.74 |
| 4.19% | P/B Ratio | 2.18 |
| 7 | P/CF Ratio | 11.58 |
| 4.32 | ROE | 23.32% |
| 4.76 | Average Market Cap | \$121.85B |
| 5.61% | Dividend Yield | 2.17% |
| 5.55% | | |
| | 4.19% 7 4.32 4.76 5.61% | CharacteristicsBBB+/BBBP/E Ratio4.19%P/B Ratio7P/CF Ratio4.32ROE4.76Average Market Cap5.61%Dividend Yield |

Equity Style Box⁶



Fund Codes (MMF)

| Series | FE | LL2 | LL3 | DSC | NL |
|---------------|-------|-------|-------|-------|-------|
| Advisor | 4530 | 4930 | 4730 | 4430 | _ |
| Advisor - DCA | 24530 | 24930 | 24730 | 24430 | _ |
| F | _ | _ | _ | _ | 4630 |
| F - DCA | _ | _ | _ | _ | 24630 |
| FT6 | _ | — | — | _ | 1613 |
| Т6 | 9580 | 9980 | 9780 | 9480 | _ |

DSC/LL2/LL3 load options are available for switches only and are not available for new purchases.

Why invest?

- Seeks to provide an attractive, predictable monthly income stream which is achieved through a
 diversified portfolio of dividend paying U.S. equity securities, as well as global high yielding fixed
 income securities from developed and emerging markets.
- Equity portfolio utilizes a detailed seven step process to identify highly differentiated companies with sustainable competitive advantages with cash flow and returns on invested capital that are expected to consistently exceed their cost of capital.
- Fixed income portfolio allocates to fixed income securities based on analyses of economic factors such as projected international interest rate movements, industry cycles and political trends.

Performance

Growth of \$10,000 since inception⁷



Calendar Returns (%)

| 2012 | 2013 | 2014 | 201 | .5 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|---------------|------------------|----------|------------------|-------|------------------|-------------|--------|----------|-----------|-----------|
| _ | 21.93 | 14.42 | 6.92 | 1 | 10.70 | 10.74 | -9.26 | 21.67 | 5.12 | 15.33 |
| Comp | oound R | eturns (| (%) | | | | | | | |
| 1 Mth | 3 Mth | 6 Mth | YTD | 1 Yr | 3 Yrs | 5 Yrs | 10 Yrs | 15 Yrs | 20 Yrs | Inception |
| -2.31 | -1.94 | -5.97 | -9.78 | -8.07 | 5.17 | 4.75 | 8.83 | _ | _ | 8.51 |
| Risk Measu | res (5 yr.) | ••••• | dard ation (% | %) | Sortino Ratio | Sha Rati | · A | lpha Be | eta R-Squ | uared (%) |
| Fund | | 10.56 | 5 | | 0.65 | 0.16 | -3 | 3.45 1.4 | 62.71 | |
| Benchma | ark ⁸ | 7.04 | | | 1.39 | 0.48 | _ | | _ | |

Investment note

Commentary

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Manulife Investment Management

Management

Portfolio advisor:

U.S. Core Value Equity Team

Sub Advisor:

Manulife Investment Management (US) LLC



Goggins

Annual Distributions³

Janis III

| | Income | Dividends | Capital Gains | Return of Capital | Total |
|------|--------|-----------|------------------|----------------------|--------|
| 2021 | \$0.19 | \$0.01 | \$1.86 | \$0.19 | \$2.24 |
| 2020 | \$0.19 | \$0.01 | \$0.48 | \$0.17 | \$0.85 |
| 2019 | \$0.26 | \$0.01 | - | \$0.12 | \$0.40 |
| 2018 | \$0.26 | \$0.01 | _ | \$0.13 | \$0.40 |
| 2017 | \$0.22 | \$0.01 | \$1.19 | \$0.15 | \$1.57 |
| 2016 | \$0.23 | \$0.01 | \$0.23 | \$0.14 | \$0.60 |

Management Fee Reduction Rates⁹

| Account/Household Value Tiers | All Qualifying Investments |
|-------------------------------|----------------------------|
| \$250K+ to \$499K | 2.50 basis points |
| \$500K+ to \$999K | 5.00 basis points |
| \$1M+ to \$4.9M | 7.50 basis points |
| \$5M+ to \$9.9M | 10.00 basis points |
| \$10M+ | 12.50 basis points |

Top 10 Holdings (%) ¹⁰

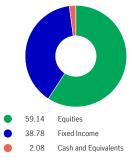
| 1. Lennar Corp. Cl A | 3.26 |
|---------------------------------------|------|
| 2. KKR & Co. Inc. Com | 2.99 |
| 3. Morgan Stanley Com New | 2.89 |
| 4. State Street Corp. Com | 2.41 |
| 5. Apple Inc. Com | 2.21 |
| 6. Comcast Corp. CI A | 2.16 |
| 7. Goldman Sachs Group Inc. (The) Com | 1.99 |
| 8. American Tower Corp. REIT Com | 1.97 |
| 9. Walmart Inc. Com | 1.77 |
| 10.Alphabet Inc. CI A | 1.68 |

Portfolio Allocation

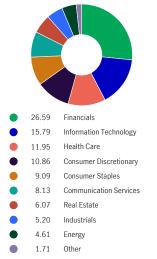
Geographic Allocation (%)

76.11 United States 4.74 Canada 2.30 United Kingdom 1.70 Spain 1.45 Indonesia 1.19 Netherlands 1.17 Luxembourg 1.09 Belgium 1.06 Italy 9.18 Other

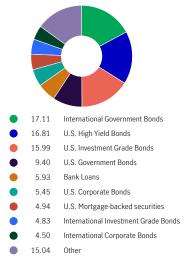
Asset Allocation (%)



Sector Allocation (Equities) (%)



Fixed Income Allocation (%)



nvestment note Commentary

Star performers

Fund profile index

Manulife U.S. Dollar Strategic Balanced Yield Fund

Series F • Performance as at August 31, 2022 • Holdings as at July 31, 2022

Overview

Overall Morningstar Rating¹

Key Facts

Management Team: U.S. Core Value Equity Team Inception date: December 24, 2013 AUM²: \$75.48M CIFSC category: Global Neutral Balanced Distribution frequency ³: Monthly Distribution vield⁴: 3.43% Positions: 369 Management fee: 0.83% MER: 1.15% (as at 2021-12-31, includes HST) Min. investment: \$500 initial; n/a PAC Fund Status: Open Risk: Low to Moderate



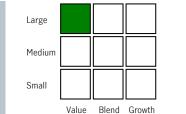
| Fixed Income Characteristics | | Equity Characteristics | |
|-------------------------------------|----------|---------------------------|----------|
| Average Credit Quality ⁵ | BBB+/BBB | P/E Ratio | 13.68 |
| Current Yield | 4.19% | P/B Ratio | 2.18 |
| Maturity (Years) | 7 | P/CF Ratio | 11.57 |
| Effective Duration | 4.32 | ROE | 23.34% |
| Modified Duration | 4.76 | Average Market Cap | \$92.84B |
| Yield to Maturity | 5.61% | Dividend Yield | 2.18% |
| Yield to Worst | 5.55% | | |
| | | | |

The fund's portfolio is

value stocks.

biased toward large-cap

Equity Style Box⁶



Fund Codes (MMF)

| Series | FE | LL2 | LL3 | DSC | NL |
|---------|------|------|------|------|------|
| Advisor | 9322 | 9150 | 9622 | 9605 | _ |
| F | _ | _ | _ | _ | 9323 |
| FT6 | _ | _ | _ | _ | 9033 |
| T6 | 9024 | 9151 | 9124 | 9923 | _ |

DSC/LL2/LL3 load options are available for switches only and are not available for new purchases.

Why invest?

- · Seeks to provide an attractive, predictable monthly income stream which is achieved through a diversified portfolio of dividend paying U.S. equity securities, as well as global high yielding fixed income securities from developed and emerging markets.
- · Equity portfolio utilizes a detailed seven step process to identify highly differentiated companies with sustainable competitive advantages with cash flow and returns on invested capital that are expected to consistently exceed their cost of capital.
- · Fixed income portfolio allocates to fixed income securities based on analyses of economic factors such as projected international interest rate movements, industry cycles and political trends.

Performance

Growth of \$10,000 since inception⁷



Calendar Returns (%)

-3.44

-3.58

-7.47

-11.27 -9.66

| 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | |
|-------|--------|-----------|---------|---------|-------|--------|--------|--------|-----------|--|
| _ | _ | 6.50 | -0.44 | 9.18 | 11.90 | -10.58 | 23.18 | 6.82 | 14.92 | |
| Comp | ound R | eturns (' | %) | | | | | | | |
| 1 Mth | 3 Mth | 6 Mth | YTD 1 Y | r 3 Yrs | 5 Yrs | 10 Yrs | 15 Yrs | 20 Yrs | Inception | |

4.56

5.32

5.23

Management sales team

Manulife Investment

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Management

Portfolio advisor:

U.S. Core Value Equity Team

Sub Advisor:

Manulife Investment Management (US) LLC



Janis III

Goggins

Annual Distributions³

| | Income | Dividends | Capital Gains | Return of Capital | Total |
|------|--------|-----------|------------------|----------------------|--------|
| 2020 | \$0.15 | \$0.01 | \$0.34 | \$0.22 | \$0.71 |
| 2019 | \$0.01 | \$0.17 | \$0.01 | \$0.22 | \$0.40 |
| 2018 | \$0.17 | \$0.00 | \$0.17 | \$0.20 | \$0.54 |
| 2017 | \$0.18 | \$0.00 | \$0.24 | \$0.19 | \$0.62 |
| 2016 | \$0.20 | \$0.00 | \$0.07 | \$0.17 | \$0.45 |

Management Fee Reduction Rates⁸

| Account/Household Value Tiers | All Qualifying Investments |
|-------------------------------|----------------------------|
| \$250K+ to \$499K | 2.50 basis points |
| \$500K+ to \$999K | 5.00 basis points |
| \$1M+ to \$4.9M | 7.50 basis points |
| \$5M+ to \$9.9M | 10.00 basis points |
| \$10M+ | 12.50 basis points |

Top 10 Holdings (%) ⁹

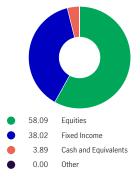
| 1. Lennar Corp. Cl A | 3.31 |
|---------------------------------------|------|
| 2. KKR & Co. Inc. Com | 3.04 |
| 3. Morgan Stanley Com New | 2.94 |
| 4. State Street Corp. Com | 2.35 |
| 5. Apple Inc. Com | 2.13 |
| 6. Comcast Corp. CI A | 2.11 |
| 7. American Tower Corp. REIT Com | 2.00 |
| 8. Goldman Sachs Group Inc. (The) Com | 1.95 |
| 9. Walmart Inc. Com | 1.70 |
| 10.Alphabet Inc. Cl A | 1.64 |

Portfolio Allocation

Geographic Allocation (%)

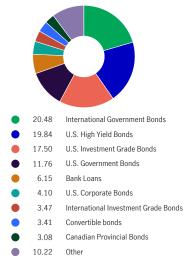


Asset Allocation (%)



Sector Allocation (Equities) (%)





nvestment note Commentary

Star performers

Fund profile index

Manulife U.S. Monthly High Income Fund¹

Series F • Performance as at August 31, 2022 • Holdings as at July 31, 2022

Overview

Overall Morningstar Rating²

Key Facts

Low

Fixed Income

Current Yield

Maturity (Years)

Effective Duration

Modified Duration

Yield to Maturity

Yield to Worst

Characteristics

Average Credit Quality ⁸

Management Team: Essential Equity Team Inception date: December 24, 2013 AUM³: \$3.00B CIFSC category: Global Neutral Balanced Distribution frequency 4: Monthly Distribution vield⁵: 2.66% Positions: 1103 Management fee: 0.83% MER: 1.13% (as at 2021-12-31, includes HST) Min. investment: \$500 initial: \$25 PAC Fund Status: Open Risk: Low to Moderate



The fund's portfolio is

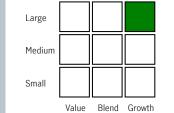
growth stocks.

biased toward large-cap

Equity **Characteristics**

A/A-P/E Ratio 30.68 4.01% P/B Ratio 4.73 P/CF Ratio 19.81 9.48 6.42 ROF 27.23% 6.73 Average Market Cap \$87.77B 5 0 9% Dividend Yield 1 21% 5.06%

Equity Style Box⁹



Fund Codes (MMF)

| | • • | | | | |
|---------------|-------|-------|-------|-------|-------|
| Series | FE | LL2 | LL3 | DSC | NL |
| Advisor | 4538 | 4968 | 4738 | 4438 | _ |
| Advisor - DCA | 24538 | 24968 | 24738 | 24438 | _ |
| F | _ | — | _ | — | 4638 |
| F - DCA | _ | _ | _ | _ | 24638 |
| FT6 | _ | — | — | — | 9927 |
| Т6 | 9128 | 9168 | 9328 | 9028 | _ |

DSC/LL2/LL3 load options are available for switches only and are not available for new purchases.

Why invest?

- Managed by the Manulife Essential Equity Team. The team analyzes all companies are viewed under the same fundamental proprietary lens, using a scalable and repeatable process driven by the team's fundamental beliefs unchanged since the team's founding in 1996.
- The team's focus is on creating a high returning conglomerate portfolio consisting of diversified businesses to ensure that revenue and earnings come from many different sources. As a result, no single event will have a large negative impact on the portfolio.
- This portfolio is constructed using a fundamental, value based lens selecting primarily U.S. dividend paying businesses and multi sector fixed income. The portfolio managers focus on selecting businesses, which in aggregate have high and stable profitability, minimal financial leverage and are priced at an attractive valuation. The fund is ideal for clients looking for a fixed monthly income source and the growth potential of one the world's largest equity markets.

Performance

Growth of \$10,000 since inception¹⁰



Calendar Returns (%)

| 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|------|------|-------|------|------|-------|-------|-------|-------|-------|
| _ | _ | 12.16 | 3.60 | 6.55 | 12.31 | -2.30 | 21.13 | 16.49 | 22.52 |

Compound Returns (%)

| 1 Mth | 3 Mth | 6 Mth | YTD | 1 Yr | 3 Yrs | 5 Yrs | 10 Yrs | 15 Yrs | 20 Yrs | Inception |
|-------|-------|-------|--------|--------|-------|-------|--------|--------|--------|-----------|
| -2.32 | -0.43 | -6.33 | -17.10 | -12.60 | 6.35 | 7.68 | _ | _ | _ | 7.98 |

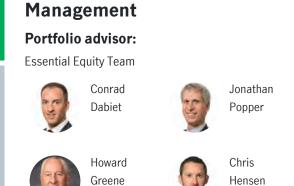
| Risk Measures (5 yr.) | Standard Deviation (%) | Sortino Ratio | Sharpe Ratio | Alpha | Beta | R-Squared (%) |
|--------------------------|---------------------------|------------------|-----------------|-------|------|---------------|
| Fund | 11.47 | 1.00 | 0.40 | 0.73 | 0.93 | 81.97 |
| Benchmark ¹¹ | 11.04 | 1.03 | 0.39 | _ | _ | _ |

Investment note

Commentary

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Manulife Investment Management



Annual Distributions⁴

| | Income | Dividends | Capital Gains | Return of Capital | Total |
|------|--------|-----------|------------------|----------------------|--------|
| 2021 | \$0.14 | \$0.00 | \$1.94 | \$0.21 | \$2.30 |
| 2020 | \$0.15 | \$0.00 | \$0.65 | \$0.20 | \$1.01 |
| 2019 | \$0.16 | \$0.00 | \$0.94 | \$0.17 | \$1.28 |
| 2017 | \$0.16 | \$0.02 | \$0.63 | \$0.17 | \$0.98 |
| 2016 | \$0.14 | \$0.02 | \$0.17 | \$0.18 | \$0.51 |

Management Fee Reduction Rates¹²

| Account/Household Value Tiers | All Qualifying Investments |
|-------------------------------|----------------------------|
| \$250K+ to \$499K | 2.50 basis points |
| \$500K+ to \$999K | 5.00 basis points |
| \$1M+ to \$4.9M | 7.50 basis points |
| \$5M+ to \$9.9M | 10.00 basis points |
| \$10M+ | 12.50 basis points |

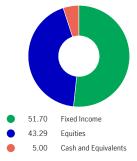
Top 10 Holdings (%) ¹³

| 1. | United States Treasury Bill, 8/9/2022 | 3.57 |
|----|---|------|
| 2. | United States Treasury Note, 2.25%, 2/15/2052 | 3.37 |
| 3. | United States Treasury Note, 2.88%, 5/15/2032 | 2.50 |
| 4. | Cadence Design Systems Inc. Com | 2.07 |
| 5. | Roper Technologies Inc. Com | 2.07 |
| 6. | Cintas Corp. Com | 2.07 |
| 7. | SBA Communications Corp. REIT CI A | 2.06 |
| 8. | Danaher Corp. Com | 2.06 |
| 9. | Thermo Fisher Scientific Inc. Com | 2.04 |
| 10 | .Old Dominion Freight Line, Inc. Com | 1.53 |

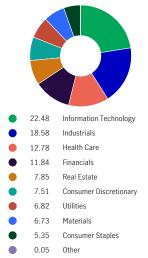
Portfolio Allocation

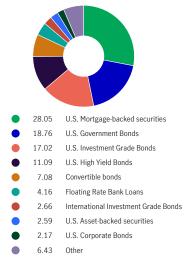
Geographic Allocation (%) 91.26 United States 2.90 Ireland 1.76 Canada 1.10 United Kingdom 0.35 Switzerland 0.30 France 0.30 Luxembourg 0.25 Mexico 0.24 Israel 1.55 Other

Asset Allocation (%)



Sector Allocation (Equities) (%)





Commentary nvestment note

Star performers

Fund profile index

Manulife Diversified Investment Fund¹

Series F • Performance as at August 31, 2022 • Holdings as at July 31, 2022

Overview

Overall Morningstar Rating²

★★★☆

Key Facts

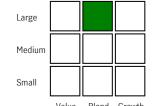
Inception date: June 27, 2008 AUM³: \$721.89M CIFSC category: Global Equity Balanced Distribution frequency⁴: Annual Positions: 376 Management fee: 0.73% MER: 1.03% (as at 2021-12-31, includes HST) Min. investment: \$500 initial; \$25 PAC Fund Status: Capped Risk: Low to Moderate



Equity Characteristics

| P/E Ratio | 17.50 |
|--------------------|----------|
| P/B Ratio | 2.94 |
| P/CF Ratio | 13.09 |
| ROE | 25.20% |
| Average Market Cap | \$35.15B |
| Dividend Yield | 2.27% |
| | |

Equity Style Box⁵



Value Blend Growth

Fund Codes (MMF)

| Series | FE | LL2 | LL3 | DSC | NL |
|---------------|-------|-----|-------|-------|------|
| Advisor | 4502 | _ | 4702 | 4402 | _ |
| Advisor - DCA | 24502 | _ | 24702 | 24402 | _ |
| F | _ | _ | _ | _ | 4602 |
| FT6 | _ | _ | _ | _ | 1901 |
| Т6 | 9502 | _ | 9702 | 9402 | _ |

The fund's portfolio is biased toward large-cap

blend stocks.

DSC/LL2/LL3 load options are available for switches only and are not available for new purchases.

Why invest?

This global balanced fund provides diversification across all major asset classes and employs a taxeffective overlay strategy to help minimize potential capital gains distributions at year-end. The equity selection process is based on Mawer's disciplined, fundamentally based bottom-up research process, which includes a strong focus on downside protection. Within fixed income, the fund will take a core position in Canadian government debt.

Performance

Growth of \$10,000 since inception⁶



Calendar Returns (%)

| 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|-------|-------|-------|-------|------|-------|-------|-------|-------|------|
| 11.10 | 20.29 | 12.56 | 10.85 | 3.57 | 10.33 | -0.75 | 15.62 | 10.44 | 9.19 |

Compound Returns (%)

| 1 Mth | 3 Mth | 6 Mth | YTD | 1 Yr | 3 Yrs | 5 Yrs | 10 Yrs | 15 Yrs | 20 Yrs | Inception | |
|-------|-------|-------|--------|--------|-------|-------|--------|--------|--------|-----------|--|
| -2.61 | -2.19 | -7.73 | -14.57 | -14.12 | 2.05 | 4.44 | 7.91 | _ | _ | 6.99 | |

| Risk Measures (5 yr.) | Standard Deviation (%) | Sortino Ratio | Sharpe Ratio | Alpha | Beta | R-Squared (%) |
|--------------------------|---------------------------|------------------|-----------------|-------|------|---------------|
| Fund | 8.49 | 0.76 | 0.19 | 1.24 | 0.65 | 68.52 |
| Benchmark ⁷ | 13.03 | 0.51 | 0.10 | _ | _ | _ |

Manulife Investment Management sales team

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Commentary nvestment note

Manulife Investment Management sales team

Management

Sub Advisor:

Mawer Investment Management Ltd.



Annual Distributions⁴

| | Income | Dividends | Capital Gains | Return of Capital | Total |
|------|--------|-----------|------------------|----------------------|--------|
| 2021 | \$0.20 | \$0.06 | \$0.65 | _ | \$0.90 |
| 2020 | \$0.21 | \$0.06 | \$0.93 | _ | \$1.19 |
| 2019 | \$0.22 | \$0.06 | \$0.36 | _ | \$0.64 |
| 2018 | \$0.25 | \$0.07 | \$0.83 | _ | \$1.15 |
| 2017 | \$0.20 | \$0.06 | \$0.34 | - | \$0.60 |
| 2016 | \$0.23 | \$0.06 | \$0.69 | _ | \$0.99 |

Management Fee Reduction Rates⁸

| Account/Household Value Tiers | All Qualifying Investments |
|-------------------------------|----------------------------|
| \$250K+ to \$499K | 2.50 basis points |
| \$500K+ to \$999K | 5.00 basis points |
| \$1M+ to \$4.9M | 7.50 basis points |
| \$5M+ to \$9.9M | 10.00 basis points |
| \$10M+ | 12.50 basis points |

Top 10 Holdings (%) 9

| 1. Canada Housing Trust No.1, 1.95%, 12/15/2025 | 2.63 |
|---|------|
| 2. Province of Quebec, 1.5%, 9/1/2031 | 1.50 |
| 3. Gov. of Canada, 9/1/2022 | 1.50 |
| 4. Province of Ontario, 4.65%, 6/2/2041 | 1.45 |
| 5. Gov. of Canada Treasury Bill, 5/25/2023 | 1.32 |
| 6. Province of Ontario, 4.6%, 6/2/2039 | 1.23 |
| 7. Bank of Nova Scotia (The), 2.95%, 3/8/2027 | 1.18 |
| 8. Gov. of Canada, 8/4/2022 | 1.11 |
| 9. Province of Ontario, 2.05%, 6/2/2030 | 1.11 |

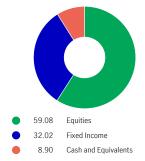
10.Gov. of Canada, 5%, 6/1/2037

Portfolio Allocation

Geographic Allocation (%)

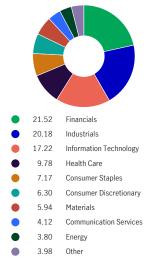


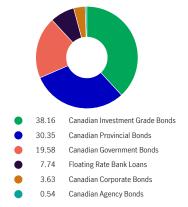
Asset Allocation (%)



Sector Allocation (Equities) (%)

1.06





Star performers

Manulife Global Balanced Fund

Series F • Performance as at August 31, 2022 • Holdings as at July 31, 2022

Overview

Overall Morningstar Rating¹

Key Facts

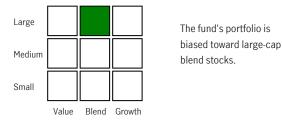
Inception date: August 1, 2013 AUM²: \$5.92B CIFSC category: Global Neutral Balanced Distribution frequency ³: Quarterly Distribution yield⁴: 0.63% Positions: 670 Management fee: 0.72% MER: 1.14% (as at 2021-12-31, includes HST) Min. investment: \$500 initial; \$25 PAC Fund Status: Open Risk: Low to Moderate



Equity **Characteristics**

| P/E Ratio | 17.39 |
|--------------------|----------|
| P/B Ratio | 3.82 |
| P/CF Ratio | 12.43 |
| ROE | 31.43% |
| Average Market Cap | \$72.77B |
| Dividend Yield | 2.17% |
| | |

Equity Style Box⁵



Fund Codes (MMF)

| Series | FE | LL2 | LL3 | DSC | NL |
|---------------|-------|-------|-------|-------|-------|
| Advisor | 4535 | 4368 | 4735 | 4435 | _ |
| Advisor - DCA | 24535 | 24368 | 24735 | 24435 | _ |
| F | _ | _ | _ | _ | 4635 |
| F - DCA | _ | _ | _ | _ | 24635 |
| FT6 | _ | _ | _ | _ | 4135 |
| Т6 | 9816 | 9968 | 9916 | 9516 | _ |

DSC/LL2/LL3 load options are available for switches only and are not available for new purchases.

Why invest?

- An unconstrained global equity component with maximum flexibility utilizing Mawer Investment Management's proven "boring" philosophy and process
- Seeks to provide significant global diversification from both a geographic and sector perspective
- Fixed income component couples the stability of Canadian government debt with the flexibility of global • issuers of any investment grade

Performance

Growth of \$10,000 since inception⁶



Calendar Returns (%)

| 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|------|------|-------|-------|------|-------|------|-------|-------|-------|
| _ | _ | 11.43 | 14.87 | 1.96 | 12.29 | 2.74 | 16.23 | 10.22 | 13.36 |

Compound Returns (%)

| 1 Mth | 3 Mth | 6 Mth | YTD | 1 Yr | 3 Yrs | 5 Yrs | 10 Yrs | 15 Yrs | 20 Yrs | Inception |
|-------|-------|-------|--------|--------|-------|-------|--------|--------|--------|-----------|
| -2.49 | -2.21 | -7.08 | -14.07 | -13.06 | 3.87 | 6.37 | _ | _ | _ | 8.17 |

| Risk Measures (5 yr.) | Standard Deviation (%) | Sortino Ratio | Sharpe Ratio | Alpha | Beta | R-Squared (%) |
|--------------------------|---------------------------|------------------|-----------------|-------|------|---------------|
| Fund | 8.69 | 1.10 | 0.41 | 0.05 | 1.01 | 93.16 |
| Benchmark ⁷ | 8.51 | 1.15 | 0.41 | _ | _ | _ |

Paul Moroz

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Fund profiles

Management

Sub Advisor:

Mawer Investment Management Ltd.



Annual Distributions³

| | Income | Dividends | Capital Gains | Return of Capital | Total |
|------|--------|-----------|------------------|----------------------|--------|
| 2021 | \$0.12 | \$0.00 | \$0.51 | - | \$0.63 |
| 2020 | \$0.13 | \$0.01 | \$0.16 | _ | \$0.30 |
| 2019 | \$0.23 | \$0.02 | _ | \$0.07 | \$0.33 |
| 2018 | \$0.14 | \$0.01 | \$0.15 | - | \$0.31 |
| 2017 | \$0.16 | \$0.02 | _ | - | \$0.18 |
| 2016 | \$0.10 | \$0.01 | \$0.01 | _ | \$0.13 |

Management Fee Reduction Rates⁸

| Account/Household Value Tiers | All Qualifying Investments |
|-------------------------------|----------------------------|
| \$250K+ to \$499K | 2.50 basis points |
| \$500K+ to \$999K | 5.00 basis points |
| \$1M+ to \$4.9M | 7.50 basis points |
| \$5M+ to \$9.9M | 10.00 basis points |
| \$10M+ | 12.50 basis points |

Recent Developments

On March 1, 2022, we reduced the management fees on some series of this fund. For more information, refer to the Press Release

> Press Release

Top 10 Holdings (%) 9

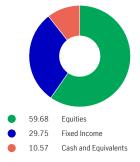
| 1. Marsh & McLennan Cos. Com | 2.87 |
|--|------|
| 2. Alphabet Inc. Cap Stk CI C | 2.48 |
| 3. Alimentation Couche-Tard Inc. Multiple Vtg Sh | 2.33 |
| 4. Wolters Kluwer N.V. Shs | 2.20 |
| 5. Aon plc Shs Cl A | 2.19 |
| 6. Microsoft Corp. Com | 2.17 |
| 7. KDDI Corp. Shs | 2.11 |
| 8. Gov. of Canada Treasury Bill, 5/25/2023 | 2.11 |
| 9. Gov. of Canada Treasury Bill, 10/13/2022 | 2.05 |
| 10.FTI Consulting Inc. Com | 2.01 |

Portfolio Allocation

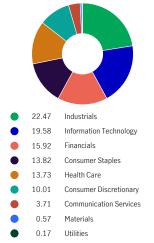
Geographic Allocation (%)

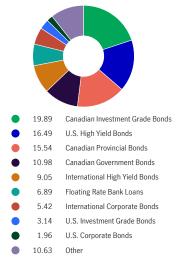


Asset Allocation (%)



Sector Allocation (Equities) (%)





Investment note Commentary

Star performers

Fund profile index

Manulife Global Small Cap Balanced Fund¹

The fund's portfolio is

blend stocks.

biased toward small-cap

Series F • Performance as at August 31, 2022 • Holdings as at July 31, 2022

Overview

Overall Morningstar Rating²

Key Facts

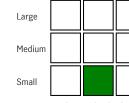
Inception date: August 19, 2011 AUM3: \$22.73M CIFSC category: Global Equity Balanced Distribution frequency 4: Annual Positions: 751 Management fee: 0.91% MER: 1.26% (as at 2021-12-31, includes HST) Min. investment: \$500 initial; \$25 PAC Fund Status: Capped Risk: Moderate



Equity **Characteristics**

| P/E Ratio | 16.29 |
|--------------------|---------|
| P/B Ratio | 2.67 |
| P/CF Ratio | 13.84 |
| ROE | 26.20% |
| Average Market Cap | \$2.48B |
| Dividend Yield | 2.92% |

Equity Style Box⁵



Value Blend Growth

Fund Codes (MMF)

| Series | FE | LL2 | LL3 | DSC | NL |
|---------------|-------|-----|-------|-------|------|
| Advisor | 4518 | _ | 4718 | 4418 | _ |
| Advisor - DCA | 24518 | _ | 24718 | 24418 | _ |
| F | _ | _ | _ | _ | 4618 |
| FT6 | _ | _ | _ | _ | 1017 |
| Т6 | 1517 | _ | 1317 | 1217 | _ |

DSC/LL2/LL3 load options are available for switches only and are not available for new purchases.

Why invest?

- The fund employs a "blue chip, small cap" equity approach, with a focus on growing businesses with strong fundamentals.
- The fixed income portion employs tactical allocation across multiple fixed income sectors, including global government bonds, investment grade and high yield corporate bonds.

Performance

Growth of \$10,000 since inception⁶



Calendar Returns (%)

| 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|-------|-------|-------|-------|------|-------|-------|-------|-------|------|
| 22.80 | 29.00 | 10.14 | 23.11 | 0.84 | 17.09 | -1.88 | 19.57 | 14.06 | 3.51 |

Compound Returns (%)

| 1 Mth | 3 Mth | 6 Mth | YTD | 1 Yr | 3 Yrs | 5 Yrs | 10 Yrs | 15 Yrs | 20 Yrs | Inception |
|-------|-------|--------|--------|--------|-------|-------|--------|--------|--------|-----------|
| -3.23 | -4.20 | -10.07 | -18.23 | -22.61 | 0.91 | 4.20 | 9.83 | _ | _ | 9.97 |

| Risk Measures (5 yr.) | Standard Deviation (%) | Sortino Ratio | Sharpe Ratio | Alpha | Beta | R-Squared (%) |
|--------------------------|---------------------------|------------------|-----------------|-------|------|---------------|
| Fund | 10.15 | 0.60 | 0.13 | -0.22 | 0.87 | 80.61 |
| Benchmark ⁷ | 11.52 | 0.61 | 0.18 | _ | _ | _ |

Management sales team

Manulife Investment

Investment note

Commentary

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Manulife Investment Management

Management

Sub Advisor:

Mawer Investment Management Ltd.





Paul Moroz

Annual Distributions⁴

| | Income | Dividends | Capital Gains | Return of Capital | Total |
|------|--------|-----------|------------------|----------------------|--------|
| 2021 | - | - | \$2.00 | - | \$2.00 |
| 2020 | _ | _ | \$1.51 | - | \$1.51 |
| 2019 | - | - | \$1.07 | - | \$1.07 |
| 2018 | \$0.05 | \$0.00 | \$2.03 | - | \$2.08 |
| 2017 | \$0.05 | \$0.01 | \$1.98 | - | \$2.04 |
| 2016 | \$0.09 | \$0.01 | \$1.23 | _ | \$1.33 |

Management Fee Reduction Rates⁸

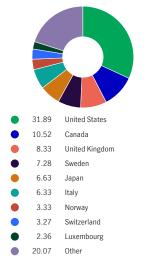
| Account/Household Value Tiers | All Qualifying Investments |
|-------------------------------|----------------------------|
| \$250K+ to \$499K | 2.50 basis points |
| \$500K+ to \$999K | 5.00 basis points |
| \$1M+ to \$4.9M | 7.50 basis points |
| \$5M+ to \$9.9M | 10.00 basis points |
| \$10M+ | 12.50 basis points |

Top 10 Underlying Fund Holdings (%) $^{\rm 9}$

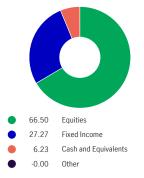
| 1.Manulife Global Small Cap Fund | 70.42 |
|----------------------------------|-------|
| 2.Manulife Strategic Income Fund | 25.37 |
| 3.Manulife Canadian Bond Fund | 3.67 |

Portfolio Allocation

Geographic Allocation (%)



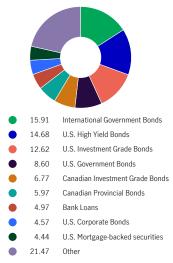
Asset Allocation (%)



Sector Allocation (Equities) (%)



Fixed Income Allocation (%)



Management sales team

Manulife Investment

> <

Manulife Global Strategic Balanced Yield Fund

Series F • Performance as at August 31, 2022 • Holdings as at July 31, 2022

Overview

Overall Morningstar Rating¹

Key Facts

Management Team: Manulife Global Quality Value Team Inception date: August 1, 2014 AUM²: \$145.76M CIFSC category: Global Neutral Balanced Distribution frequency ³: Monthly Distribution yield⁴: 1.90% Positions: 398 Management fee: 0.85% MER: 1.17% (as at 2021-12-31, includes HST) Min. investment: \$500 initial; \$25 PAC Fund Status: Open





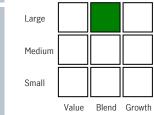
| Fixed Income Characteristics | | Equity Characteristics | | | | |
|-------------------------------------|--------|---------------------------|-----------|--|--|--|
| Average Credit Quality ⁵ | BB/BB- | P/E Ratio | 15.82 | | | |
| Current Yield | 6.42% | P/B Ratio | 1.98 | | | |
| Maturity (Years) | 6.79 | P/CF Ratio | 9.66 | | | |
| Effective Duration | 4.28 | ROE | 23.41% | | | |
| Modified Duration | 4.58 | Average Market Cap | \$175.47B | | | |
| Yield to Maturity | 9.08% | Dividend Yield | 2.54% | | | |
| Yield to Worst | 9.05% | | | | | |
| | | | | | | |

The fund's portfolio is

blend stocks.

biased toward large-cap

Equity Style Box⁶



Fund Codes (MMF)

| Series | FE | LL2 | LL3 | DSC | NL |
|---------------|-------|-------|-------|-------|-------|
| Advisor | 4574 | 4874 | 4774 | 4474 | _ |
| Advisor - DCA | 24574 | 24874 | 24774 | 24474 | _ |
| F | _ | _ | _ | _ | 4674 |
| F - DCA | _ | _ | _ | _ | 24674 |
| FT6 | _ | _ | _ | _ | 9636 |
| T6 | 9136 | 9874 | 9336 | 9036 | _ |

DSC/LL2/LL3 load options are available for switches only and are not available for new purchases.

Why invest?

- · Unique balanced mandate that couples mega-cap equity names, with a fixed income component that is made up of primarily below investment grade debt.
- Unconstrained "go anywhere" mandate that provides significant global diversification for investors seeking capital appreciation and income.
- · Highly experienced fixed income team with a deep understanding of global credit, specifically highyield and floating rate loans.

Performance

Growth of \$10,000 since inception⁷



Calendar Returns (%)

| 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|------|------|------|-------|------|------|-------|-------|------|-------|
| _ | _ | _ | 12.45 | 7.96 | 8.38 | -2.27 | 18.96 | 6.09 | 11.79 |

| 1 Mth | 3 Mth | 6 Mth | YTD | 1 Yr | 3 Yrs | 5 Yrs | 10 Yrs | 15 Yrs | 20 Yrs | Inception |
|-------|-------|-------|--------|--------|-------|-------|--------|--------|--------|-----------|
| -1.38 | -3.76 | -8.25 | -13.56 | -12.72 | 2.69 | 4.28 | _ | _ | _ | 6.30 |

| Risk Measures (5 yr.) | Standard Deviation (%) | Sortino Ratio | Sharpe Ratio | Alpha | Beta | R-Squared (%) |
|--------------------------|---------------------------|------------------|-----------------|-------|------|---------------|
| Fund | 9.91 | 0.59 | 0.13 | -1.77 | 1.11 | 86.60 |
| Benchmark ⁸ | 8.90 | 0.92 | 0.31 | _ | _ | _ |

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Manulife Investment Management

Management

Portfolio advisor:

Manulife Global Quality Value Team

Sub Advisor:

Manulife Investment Management (US) LLC



Annual Distributions³

| | Income | Dividends | Capital Gains | Return of Capital | Total |
|------|--------|-----------|------------------|----------------------|--------|
| 2021 | \$0.25 | - | \$1.27 | \$0.00 | \$1.52 |
| 2020 | \$0.20 | _ | _ | \$0.04 | \$0.24 |
| 2019 | \$0.35 | - | - | \$0.01 | \$0.36 |
| 2018 | \$0.31 | - | \$0.01 | \$0.00 | \$0.32 |
| 2017 | \$0.34 | - | \$0.70 | _ | \$1.04 |
| 2016 | \$0.24 | _ | \$0.35 | \$0.01 | \$0.59 |

Management Fee Reduction Rates⁹

| Account/Household Value Tiers | All Qualifying Investments |
|-------------------------------|----------------------------|
| \$250K+ to \$499K | 2.50 basis points |
| \$500K+ to \$999K | 5.00 basis points |
| \$1M+ to \$4.9M | 7.50 basis points |
| \$5M+ to \$9.9M | 10.00 basis points |
| \$10M+ | 12.50 basis points |

Top 10 Holdings (%) ¹⁰

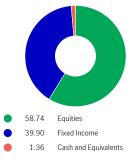
| 1. Microsoft Corp. Com | 3.48 |
|---|------|
| 2. Alphabet Inc. CI A | 2.74 |
| 3. Corteva Inc. Com | 2.15 |
| 4. Philip Morris International Inc. Com | 2.02 |
| 5. UnitedHealth Group Inc. Com | 1.78 |
| 6. TotalEnergies SE Shs | 1.76 |
| 7. Johnson & Johnson Com | 1.72 |
| 8. Sanofi Shs | 1.68 |
| 9. ConocoPhillips Com | 1.52 |
| 10.Oracle Corp. Com | 1.49 |

Portfolio Allocation

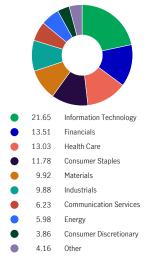
Geographic Allocation (%)

United States 55.43 8.54 France 4.44 Japan 4.30 United Kingdom 3.83 Switzerland 3.01 Netherlands 2.53 Canada 2.41 Luxembourg 1.94 Mexico 13.57 Other

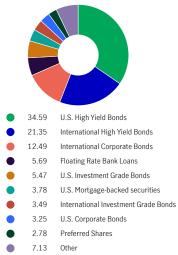
Asset Allocation (%)



Sector Allocation (Equities) (%)



Fixed Income Allocation (%)



Manulife Investment Management sales team

Commentary nvestment note

Star performers

Fund profile index

Manulife Simplicity Balanced Portfolio

Series F • Performance as at August 31, 2022 • Holdings as at July 31, 2022

Overview

Overall Morningstar Rating¹

Key Facts

Management Team: Manulife Multi-Asset Solutions Team Inception date: August 23, 2001 AUM²: \$959.33M CIFSC category: Global Neutral Balanced Distribution frequency ³: Monthly Distribution yield⁴: 2.00% Positions: 3787 Management fee: 0.95% MER: 1.27% (as at 2021-12-31, includes HST) Min. investment: \$500 initial; \$25 PAC Fund Status: Open Risk: Low to Moderate



Equity Characteristics

| 14.78 |
|----------|
| 2.19 |
| 10.79 |
| 20.30% |
| \$55.06B |
| 2.59% |
| |

Equity Style Box⁵



The fund's portfolio is biased toward large-cap blend stocks.

Value Blend Growth

Fund Codes (MMF)

| Series | FE | LL2 | LL3 | DSC | NL |
|---------------|-------|-------|-------|-------|-------|
| Advisor | 560 | 3272 | 760 | 460 | _ |
| Advisor - DCA | 20560 | 23272 | 20760 | 20460 | _ |
| F | _ | _ | _ | _ | 660 |
| F - DCA | _ | _ | _ | _ | 20660 |
| FT6 | _ | _ | _ | _ | 1213 |
| T6 | 9560 | 9960 | 9760 | 9460 | _ |

DSC/LL2/LL3 load options are available for switches only and are not available for new purchases.

Why invest?

- Seeks long-term growth consistent with preservation of capital within a broadly diversified, risktargeted portfolio.
- Invests in a broad universe of asset classes, utilizing a diversified mix of primarily mutual funds and Exchange Traded Funds (ETFs).
- Employs diversification of asset classes, investment styles and strategies to help enable the greatest probability of achieving risk-adjusted results that are consistent with the Portfolio's objectives.

Performance

Growth of \$10,000 since inception⁶



Calendar Returns (%)

| 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|------|-------|------|------|------|------|-------|-------|-------|------|
| 8.23 | 13.10 | 9.85 | 6.08 | 5.34 | 9.46 | -4.36 | 14.88 | 10.71 | 7.98 |

Compound Returns (%)

| 1 Mth | 3 Mth | 6 Mth | YTD | 1 Yr | 3 Yrs | 5 Yrs | 10 Yrs | 15 Yrs | 20 Yrs | Inception |
|-------|-------|-------|--------|--------|-------|-------|--------|--------|--------|-----------|
| -2.04 | -2.57 | -7.52 | -12.34 | -12.00 | 2.83 | 3.75 | 6.18 | _ | _ | 4.89 |

| Risk Measures (5 yr.) | Standard Deviation (%) | Sortino Ratio | Sharpe Ratio | Alpha | Beta | R-Squared (%) |
|--------------------------|---------------------------|------------------|-----------------|-------|------|---------------|
| Fund | 8.51 | 0.63 | 0.10 | -0.95 | 0.99 | 95.01 |
| Benchmark ⁷ | 8.53 | 0.82 | 0.22 | _ | _ | _ |

Manulife Investment

Investment note

Commentary

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Manulife Investment Management

Management

Portfolio advisor:

Manulife Multi-Asset Solutions Team

Sub Advisor:

Manulife Investment Management (US) LLC







Annual Distributions³

| | Income | Dividends | Capital Gains | Return of Capital | Total |
|------|--------|-----------|------------------|----------------------|--------|
| 2021 | \$0.28 | \$0.05 | \$0.59 | - | \$0.91 |
| 2020 | \$0.24 | \$0.04 | \$0.59 | - | \$0.87 |
| 2019 | \$0.26 | \$0.04 | \$0.18 | \$0.00 | \$0.48 |
| 2018 | \$0.35 | \$0.04 | \$0.54 | - | \$0.93 |
| 2017 | \$0.37 | \$0.04 | \$1.06 | - | \$1.47 |
| 2016 | \$0.24 | \$0.03 | \$0.13 | _ | \$0.40 |

Management Fee Reduction Rates⁸

| Account/Household Value Tiers | All Qualifying Investments |
|-------------------------------|----------------------------|
| \$250K+ to \$499K | 2.50 basis points |
| \$500K+ to \$999K | 5.00 basis points |
| \$1M+ to \$4.9M | 7.50 basis points |
| \$5M+ to \$9.9M | 10.00 basis points |
| \$10M+ | 12.50 basis points |

Top 10 Underlying Fund Holdings (%) 9

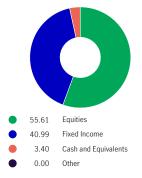
| 1. Manulife Bond Fund | 13.82 |
|---|-------|
| 2. Manulife Strategic Income Fund | 9.86 |
| 3. Manulife U.S. All Cap Equity Fund | 6.12 |
| 4. Manulife Corporate Bond Fund | 5.91 |
| 5. Manulife Global Dividend Class | 5.49 |
| 6. Manulife Canadian Investment Fund | 5.43 |
| 7. Manulife World Investment Class | 5.42 |
| 8. Manulife Covered Call U.S. Equity Fund | 4.98 |
| 9. Manulife Fundamental Equity Fund | 4.75 |
| 10.Manulife Dividend Income Fund | 4.73 |

Portfolio Allocation

Geographic Allocation (%)

43.65 Canada 31.07 United States 3.25 United Kingdom 2.39 Japan 2.22 France 1.90 China 1.67 Netherlands 1.52 Switzerland South Korea 1.13 Other 11.22

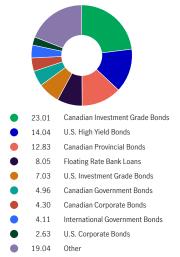
Asset Allocation (%)



Sector Allocation (Equities) (%)



Fixed Income Allocation (%)



Commentary nvestment note

Star performers

Fund profile index

Manulife Simplicity Global Balanced Portfolio

Series F • Performance as at August 31, 2022 • Holdings as at July 31, 2022

Overview

Overall Morningstar Rating¹

★★★☆

Key Facts

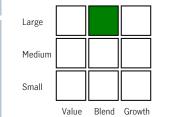
Management Team: Manulife Multi-Asset Solutions Team Inception date: August 24, 2006 AUM²: \$585.03M CIFSC category: Global Neutral Balanced Distribution frequency ³: Quarterly Distribution yield⁴: 1.86% Positions: 3199 Management fee: 0.95% MER: 1.29% (as at 2021-12-31, includes HST) Min. investment: \$500 initial; \$25 PAC Fund Status: Open Risk: Low to Moderate



Equity Characteristics

| 1 | onaraoteristios | | | | |
|---|--------------------|----------|--|--|--|
| | P/E Ratio | 15.86 | | | |
| | P/B Ratio | 2.35 | | | |
| | P/CF Ratio | 11.14 | | | |
| | ROE | 20.82% | | | |
| | Average Market Cap | \$49.86B | | | |
| | Dividend Yield | 2.66% | | | |
| | | | | | |

Equity Style Box⁵



Fund Codes (MMF)

| Series | FE | LL2 | LL3 | DSC | NL |
|---------------|-------|-------|-------|-------|-------|
| Advisor | 568 | 368 | 768 | 468 | _ |
| Advisor - DCA | 20568 | 20368 | 20768 | 20468 | _ |
| F | _ | _ | _ | _ | 668 |
| F - DCA | _ | _ | _ | _ | 20668 |
| FT6 | _ | _ | — | — | 1313 |
| Т6 | 9568 | 9368 | 9768 | 9468 | _ |

The fund's portfolio is

blend stocks.

biased toward large-cap

DSC/LL2/LL3 load options are available for switches only and are not available for new purchases.

Why invest?

- Seeks long-term growth consistent with preservation of capital within a broadly diversified, risktargeted portfolio.
- Invests in a broad universe of asset classes, utilizing a diversified mix of primarily mutual funds and Exchange Traded Funds (ETFs), focusing on global equity and fixed income funds.
- Employs diversification of asset classes, geographies, investment styles and strategies to help enable the greatest probability of achieving risk-adjusted results that are consistent with the Portfolio's objectives.

Performance

Growth of \$10,000 since inception⁶



Calendar Returns (%)

| 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | | |
|----------------------|-------|-------|------|------|-------|-------|-------|-------|------|--|--|
| 10.89 | 17.51 | 10.01 | 8.16 | 3.74 | 10.41 | -4.65 | 15.50 | 11.28 | 7.44 | | |
| Compound Returns (%) | | | | | | | | | | | |

| 1 Mth | 3 Mth | 6 Mth | YTD | 1 Yr | 3 Yrs | 5 Yrs | 10 Yrs | 15 Yrs | 20 Yrs | Inception |
|-------|-------|-------|--------|--------|-------|-------|--------|--------|--------|-----------|
| -1.88 | -2.67 | -7.56 | -12.89 | -13.08 | 2.74 | 3.71 | 6.79 | _ | _ | 5.46 |

| Risk Measures (5 yr.) | Standard Deviation (%) | Sortino Ratio | Sharpe Ratio | Alpha | Beta | R-Squared (%) |
|--------------------------|---------------------------|------------------|-----------------|-------|------|---------------|
| Fund | 8.57 | 0.62 | 0.10 | -4.15 | 1.21 | 77.05 |
| Benchmark ⁷ | 7.44 | 1.50 | 0.54 | _ | _ | _ |

Management sales team

Manulife Investment

Investment note

Commentary

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Manulife Investment Management

Management

Portfolio advisor:

Manulife Multi-Asset Solutions Team

Nathan

Thooft

Sub Advisor:

Manulife Investment Management (US) LLC







Annual Distributions³

| | | Income | Dividends | Capital Gains | Return of Capital | Total |
|--|------|--------|-----------|------------------|----------------------|--------|
| | 2021 | \$0.25 | \$0.03 | \$0.69 | - | \$0.96 |
| | 2020 | \$0.25 | \$0.03 | \$0.62 | _ | \$0.90 |
| | 2019 | \$0.23 | \$0.02 | \$0.12 | \$0.01 | \$0.38 |
| | 2018 | \$0.31 | \$0.03 | \$0.46 | - | \$0.80 |
| | 2017 | \$0.32 | \$0.03 | \$0.93 | - | \$1.28 |
| | 2016 | \$0.26 | \$0.02 | \$0.13 | _ | \$0.41 |

Management Fee Reduction Rates⁸

| Account/Household Value Tiers | All Qualifying Investments |
|-------------------------------|----------------------------|
| \$250K+ to \$499K | 2.50 basis points |
| \$500K+ to \$999K | 5.00 basis points |
| \$1M+ to \$4.9M | 7.50 basis points |
| \$5M+ to \$9.9M | 10.00 basis points |
| \$10M+ | 12.50 basis points |

Top 10 Underlying Fund Holdings (%) ⁹

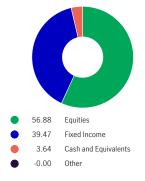
| 1. Manulife Bond Fund | 10.93 |
|--|-------|
| 2. Manulife Corporate Bond Fund | 10.91 |
| 3. Manulife World Investment Class | 7.87 |
| 4. Manulife U.S. All Cap Equity Fund | 7.16 |
| 5. Manulife Covered Call U.S. Equity Fund | 5.98 |
| 6. Manulife Strategic Income Fund | 5.93 |
| 7. Manulife Emerging Markets Fund | 5.77 |
| 8. MIM Emerging Markets Corporate Debt Pooled Fund | 4.79 |
| 9. MLF EAFE Equity Fund | 4.55 |
| 10.Manulife Global Listed Infrastructure Fund | 4.53 |

Portfolio Allocation

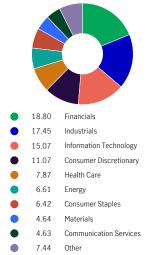
Geographic Allocation (%)

32.79 Canada 32.37 United States 4.50 United Kingdom 2.86 Japan 2.38 Netherlands 2.31 France 2.22 China 1.56 Switzerland 1.23 India 17.78 Other

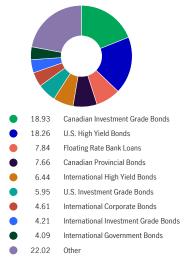
Asset Allocation (%)



Sector Allocation (Equities) (%)



Fixed Income Allocation (%)



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Commentary nvestment note

Manulife Simplicity Growth Portfolio

Series F • Performance as at August 31, 2022 • Holdings as at July 31, 2022

Overview

Overall Morningstar Rating¹

★★★☆☆

Key Facts

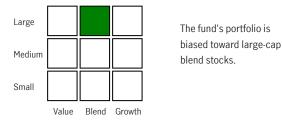
Management Team: Manulife Multi-Asset Solutions Team Inception date: August 23, 2001 AUM²: \$766.30M CIFSC category: Global Equity Balanced Distribution frequency ³: Annual Positions: 4304 Management fee: 0.95% MER: 1.28% (as at 2021-12-31, includes HST) Min. investment: \$500 initial; \$25 PAC Fund Status: Open Risk: Low to Moderate



Equity Characteristics

| P/E Ratio | 14.74 |
|--------------------|----------|
| P/B Ratio | 2.20 |
| P/CF Ratio | 10.82 |
| ROE | 20.47% |
| Average Market Cap | \$55.23B |
| Dividend Yield | 2.59% |
| | |

Equity Style Box⁴



Fund Codes (MMF)

| Series | FE | LL2 | LL3 | DSC | NL |
|---------------|-------|-------|-------|-------|-------|
| Advisor | 561 | 3372 | 761 | 461 | _ |
| Advisor - DCA | 20561 | 23372 | 20761 | 20461 | _ |
| F | _ | _ | _ | _ | 661 |
| F - DCA | _ | _ | _ | _ | 20661 |
| FT6 | _ | _ | _ | _ | 1513 |
| М | _ | _ | _ | _ | 1364 |
| Т6 | 9561 | 9961 | 9761 | 9461 | _ |

DSC/LL2/LL3 load options are available for switches only and are not available for new purchases.

Why invest?

- Seeks long-term growth within a broadly diversified, risk-targeted portfolio.
- Invests in a broad universe of asset classes, utilizing a diversified mix of primarily mutual funds and Exchange Traded Funds (ETFs).
- Employs diversification of asset classes, investment styles and strategies to help enable the greatest probability of achieving risk-adjusted results that are consistent with the Portfolio's objectives.

Performance

Growth of \$10,000 since inception⁵



Calendar Returns (%)

| 2 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|------|-------|-------|------|------|-------|-------|-------|-------|-------|
| 8 | 8.87 | 17.02 | 10.82 | 7.44 | 5.40 | 11.72 | -5.92 | 18.03 | 12.56 | 11.31 |

| 1 Mth | 3 Mth | 6 Mth | YTD | 1 Yr | 3 Yrs | 5 Yrs | 10 Yrs | 15 Yrs | 20 Yrs | Inception |
|-------|-------|-------|--------|--------|-------|-------|--------|--------|--------|-----------|
| -1.86 | -2.93 | -7.80 | -12.98 | -12.55 | 4.75 | 5.00 | 7.58 | _ | _ | 5.28 |

| Risk Measures (5 yr.) | Standard Deviation (%) | Sortino Ratio | Sharpe Ratio | Alpha | Beta | R-Squared (%) |
|--------------------------|---------------------------|------------------|-----------------|-------|------|---------------|
| Fund | 10.21 | 0.71 | 0.20 | -0.09 | 0.98 | 91.26 |
| Benchmark ⁶ | 10.29 | 0.71 | 0.22 | _ | _ | _ |

Investment note

Commentary

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Manulife Investment Management

Management

Portfolio advisor:

Manulife Multi-Asset Solutions Team

Nathan

Thooft

Sub Advisor:

Manulife Investment Management (US) LLC







James

Annual Distributions³

| | Income | Dividends | Capital Gains | Return of Capital | Total |
|------|--------|-----------|------------------|----------------------|--------|
| 2021 | \$0.28 | \$0.05 | \$0.77 | - | \$1.11 |
| 2020 | \$0.25 | \$0.06 | \$1.08 | - | \$1.39 |
| 2019 | \$0.20 | \$0.05 | \$0.06 | \$0.01 | \$0.31 |
| 2018 | \$0.28 | \$0.05 | \$0.59 | - | \$0.92 |
| 2017 | \$0.33 | \$0.07 | \$1.39 | - | \$1.79 |
| 2016 | \$0.22 | \$0.04 | \$0.22 | _ | \$0.48 |

Management Fee Reduction Rates⁷

| Account/Household Value Tiers | All Qualifying Investments |
|-------------------------------|----------------------------|
| \$250K+ to \$499K | 2.50 basis points |
| \$500K+ to \$999K | 5.00 basis points |
| \$1M+ to \$4.9M | 7.50 basis points |
| \$5M+ to \$9.9M | 10.00 basis points |
| \$10M+ | 12.50 basis points |

Top 10 Underlying Fund Holdings (%) 8

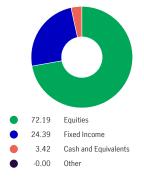
| 1. Manulife Strategic Income Fund | 9.88 |
|--|------|
| 2. Manulife U.S. All Cap Equity Fund | 7.16 |
| 3. Manulife Corporate Bond Fund | 6.45 |
| 4. Manulife Canadian Investment Fund | 6.39 |
| 5. Manulife Covered Call U.S. Equity Fund | 5.96 |
| 6. Manulife World Investment Class | 5.91 |
| 7. Manulife Fundamental Equity Fund | 5.79 |
| 8. Manulife Dividend Income Fund | 5.77 |
| 9. Manulife Multifactor Canadian Large Cap | 5.48 |
| 10.Manulife Global Dividend Class | 5.47 |

Portfolio Allocation

Geographic Allocation (%)

36.97 United States 32.03 Canada 3.78 United Kingdom 3.37 Japan 2.60 France 2 40 China 1.96 Netherlands 1.80 Switzerland 1.45 South Korea 13.62 Other

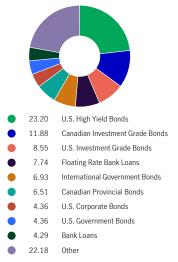
Asset Allocation (%)



Sector Allocation (Equities) (%)



Fixed Income Allocation (%)



nvestment note Commentary

Manulife Investment Management

Manulife Strategic Dividend Bundle

Series F • Performance as at August 31, 2022 • Holdings as at July 31, 2022

Overview

Overall Morningstar Rating¹

Key Facts

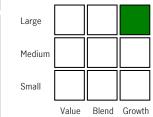
Management Team: Global Multi-Sector Fixed Income Team Inception date: August 10, 2015 AUM²: \$2.02B CIFSC category: Global Neutral Balanced Distribution frequency 3: Monthly Distribution vield⁴: 0.02% Positions: 1184 Management fee: 0.81% MER: 1.14% (as at 2021-12-31, includes HST) Min. investment: \$500 initial; \$25 PAC Fund Status: Open Risk: Low to Moderate



Equity Characteristics

| 23.78 |
|----------|
| 3.06 |
| 16.84 |
| 17.10% |
| \$36.83B |
| 1.28% |
| |

Equity Style Box⁵



Fund Codes (MMF)

| Series | FE | LL2 | LL3 | DSC | NL |
|---------------|-------|-------|-------|-------|-------|
| Advisor | 4576 | 4277 | 4776 | 4476 | _ |
| Advisor - DCA | 24576 | 24277 | 24776 | 24476 | _ |
| F | _ | _ | _ | _ | 4676 |
| F - DCA | _ | _ | _ | _ | 24676 |
| FT6 | _ | _ | _ | _ | 4376 |
| Т6 | 9846 | 9848 | 9946 | 9146 | _ |

The fund's portfolio is

growth stocks.

biased toward large-cap

DSC/LL2/LL3 load options are available for switches only and are not available for new purchases.

Why invest?

- · Aims to deliver a diversified portfolio of equities and global multi sector fixed income through investment in some of Manulife Investment's most successful investment strategies.
- Has a target allocation of 40 per cent exposure to Manulife Dividend Income Fund, 20 per cent exposure to Manulife Dividend Income Plus Fund, 30 per cent exposure to Manulife Strategic Income Fund and 10 per cent exposure to Manulife Global Unconstrained Bond Fund.
- · Strategically provides access to some of Manulife Investment Management's most experienced portfolio management teams, through the ease of a one ticket solution.

Performance

Growth of \$10,000 since inception⁶



Calendar Returns (%)

| 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|------|------|------|------|-------|------|-------|-------|-------|-------|
| _ | _ | _ | _ | 11.56 | 9.72 | -3.46 | 16.55 | 17.08 | 12.78 |

Compound Returns (%)

| 1 Mth | 3 Mth | 6 Mth | YTD | 1 Yr | 3 Yrs | 5 Yrs | 10 Yrs | 15 Yrs | 20 Yrs | Inception |
|-------|-------|-------|--------|--------|-------|-------|--------|--------|--------|-----------|
| -2.26 | -1.22 | -6.46 | -15.41 | -14.38 | 4.27 | 5.40 | _ | _ | _ | 6.17 |

| Risk Measures (5 yr.) | Standard Deviation (%) | Sortino Ratio | Sharpe Ratio | Alpha | Beta | R-Squared (%) |
|--------------------------|---------------------------|------------------|-----------------|-------|------|---------------|
| Fund | 10.93 | 0.71 | 0.22 | -0.26 | 1.15 | 79.87 |
| Benchmark ⁷ | 8.39 | 0.86 | 0.26 | _ | _ | _ |

Management sales team

Manulife Investment

<

Manulife Investment Management

James

Conrad

Dabiet

Prakash Chaudhari

John F.

Addeo

Return of

Capital

_

_

_

All Qualifying Investments

2.50 basis points

5.00 basis points

7.50 basis points

10.00 basis points

12.50 basis points

Total

\$1.08

\$0.06

\$0.32

\$0.65

\$0.57

\$0.43

Robertson

Management

Portfolio advisor:

Global Multi-Sector Fixed Income Team

Jason Zhang

Alexandre Richard

Daniel S.

Janis III

Caryn

Rothman

Annual Distributions ³

Dividends

\$0.00

\$0.04

\$0.05

\$0.07

\$0.11

\$0.16

Management Fee Reduction

Income

\$0.00

\$0.01

\$0.04

\$0.04

\$0.03

\$0.02

Account/Household Value Tiers

Rates⁸

\$250K+ to \$499K

\$500K+ to \$999K

\$1M+ to \$4.9M

\$5M+ to \$9.9M

\$10M+

2021

2020

2019

2018

2017 2016 Capital

Gains

\$1.08

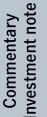
\$0.01

\$0.22

\$0.54

\$0.43

\$0.26



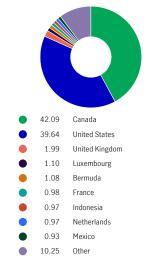


Top 10 Underlying Fund Holdings (%) $^{\rm 9}$

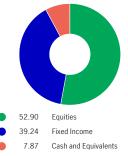
| 1.Manulife Dividend Income Fund | 40.70 |
|---|-------|
| 2.Manulife Strategic Income Fund | 29.18 |
| 3.Manulife Dividend Income Plus Fund | 20.47 |
| 4.Manulife Global Unconstrained Bond Fund | 9.63 |

Portfolio Allocation

Geographic Allocation (%)



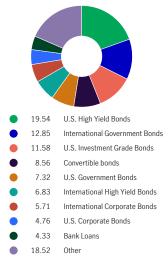
Asset Allocation (%)



-0.00 Other



Fixed Income Allocation (%)



Commentary nvestment note

Star performers

Fund profile index

Manulife Global Monthly High Income Fund¹

Series F • Performance as at August 31, 2022 • Holdings as at July 31, 2022

Overview

Overall Morningstar Rating²

Key Facts

Management Team: Essential Equity Team Inception date: August 19, 2011 AUM³: \$672.70M CIFSC category: Global Neutral Balanced Distribution frequency⁴: Monthly Distribution yield⁵: 1.94% Positions: 647 Management fee: 0.76% MER: 1.21% (as at 2021-12-31, includes HST) Min. investment: \$500 initial; \$25 PAC Fund Status: Open Risk: Low to Moderate



| Average Credit Quality ⁶ A-/BBB+ P/E Ratio 24.75 Current Yield 3.93% P/B Ratio 5.26 | |
|--|----|
| Current Yield 3.93% P/B Ratio 5.26 | |
| | |
| Maturity (Years) 6.29 P/CF Ratio 15.84 | |
| Effective Duration 4.17 ROE 34.42% | |
| Modified Duration 4.58 Average Market Cap \$136.62 | 2B |
| Yield to Maturity 5.39% Dividend Yield 1.12% | |
| Yield to Worst 5.33% | |

The fund's portfolio is

growth stocks.

biased toward large-cap

Equity Style Box⁷



Fund Codes (MMF)

| Series | FE | LL2 | LL3 | DSC | NL |
|---------------|-------|-------|-------|-------|-------|
| Advisor | 4513 | 4959 | 4713 | 4413 | _ |
| Advisor - DCA | 24513 | 24959 | 24713 | 24413 | _ |
| F | _ | _ | _ | _ | 4613 |
| F - DCA | _ | - | _ | _ | 24613 |
| FT6 | _ | _ | _ | _ | 1813 |
| Т6 | 9511 | 9959 | 9711 | 9411 | _ |

DSC/LL2/LL3 load options are available for switches only and are not available for new purchases.

Why invest?

- Managed by the Manulife Essential Equity Team all companies are viewed under the same fundamental proprietary lens, using a scalable and repeatable process driven by the team's fundamental beliefs unchanged since the team's founding in 1996.
- The team's focus is on creating a high returning conglomerate portfolio consisting of diversified businesses to ensure that revenue and earnings come from many different sources. As a result, no single event will have a large negative impact on the portfolio.
- An incredibly flexible mandate, the fund aims to provide investors with a portfolio of Global diversified businesses, which in aggregate have high and stable profitability, minimal financial leverage and at an attractive valuation.

Performance

Growth of \$10,000 since inception⁸



Calendar Returns (%)

| 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|-------|-------|------|------|------|-------|-------|-------|-------|-------|
| 10.84 | 22.89 | 1.20 | 0.54 | 2.32 | 23.10 | -3.51 | 14.66 | 25.70 | 14.98 |

Compound Returns (%)

| 1 Mth | 3 Mth | 6 Mth | YTD | 1 Yr | 3 Yrs | 5 Yrs | 10 Yrs | 15 Yrs | 20 Yrs | Inception |
|-------|-------|-------|--------|--------|-------|-------|--------|--------|--------|-----------|
| -2.69 | -1.07 | -9.44 | -18.41 | -17.80 | 7.55 | 7.20 | 8.37 | _ | _ | 7.96 |

| Risk Measures (5 yr.) | Standard Deviation (%) | Sortino Ratio | Sharpe Ratio | Alpha | Beta | R-Squared (%) |
|--------------------------|---------------------------|------------------|-----------------|-------|------|---------------|
| Fund | 10.83 | 1.05 | 0.39 | 0.40 | 1.29 | 74.21 |
| Benchmark ⁹ | 7.79 | 1.07 | 0.34 | _ | _ | _ |

Management sales team

Manulife Investment



(n)



Star performers

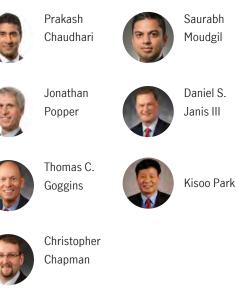
Management

Portfolio advisor:

Essential Equity Team

Sub Advisor:

Manulife Investment Management (US) LLC



Annual Distributions⁴

| | Income | Dividends | Capital Gains | Return of Capital | Total |
|------|--------|-----------|------------------|----------------------|--------|
| 2021 | \$0.12 | \$0.00 | \$0.63 | \$0.22 | \$0.97 |
| 2020 | \$0.07 | _ | \$0.06 | \$0.09 | \$0.22 |
| 2019 | \$0.06 | - | _ | _ | \$0.06 |
| 2018 | \$0.09 | _ | \$0.17 | _ | \$0.26 |
| 2017 | \$0.04 | - | \$0.67 | _ | \$0.70 |
| 2016 | \$0.06 | \$0.00 | _ | _ | \$0.06 |

Management Fee Reduction Rates¹⁰

| Account/Household Value Tiers | All Qualifying Investments |
|-------------------------------|----------------------------|
| \$250K+ to \$499K | 2.50 basis points |
| \$500K+ to \$999K | 5.00 basis points |
| \$1M+ to \$4.9M | 7.50 basis points |
| \$5M+ to \$9.9M | 10.00 basis points |
| \$10M+ | 12.50 basis points |

Recent Developments

On March 1, 2022, we reduced the management fees on some series of this fund. For more information, refer to the Press Release

> Press Release

Top 10 Holdings (%) 11

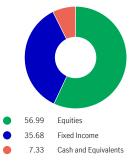
| 1. Province of Nova Scotia Provincial Treasury Bill, 8 | 3/4/2022 2.94 |
|--|---------------|
| 2. Microsoft Corp. Com | 2.52 |
| 3. S&P Global Inc. | 2.47 |
| 4. Alphabet Inc. Cap Stk CI C | 2.21 |
| 5. Apple Inc. Com | 1.91 |
| 6. Marsh & McLennan Cos. Com | 1.89 |
| 7. Aon plc Shs Cl A | 1.86 |
| 8. Berkshire Hathaway Inc. Cl B New | 1.57 |
| 9. UnitedHealth Group Inc. Com | 1.49 |
| 10.Amazon.com Inc. Com | 1.37 |

Portfolio Allocation

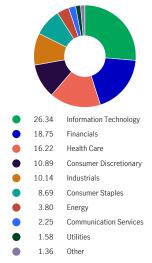
Geographic Allocation (%)

63.82 United States 14.71 Canada 2.99 Ireland 2.95 United Kingdom 1.48 Luxembourg Netherlands 1.33 1.21 Indonesia 1.11 Italy 1.05 Switzerland 9.34 Other

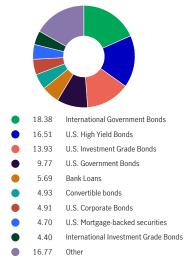
Asset Allocation (%)



Sector Allocation (Equities) (%)



Fixed Income Allocation (%)



< >

Manulife Yield Opportunities Fund¹

Series F • Performance as at August 31, 2022 • Holdings as at July 31, 2022

Overview

Overall Morningstar Rating²

Key Facts

Management Team: Canadian Fixed Income Team Inception date: December 23, 2009 AUM³: \$2.31B CIFSC category: Global Fixed Income Balanced Distribution frequency⁴: Monthly Distribution yield⁵: 5.43% Positions: 519 Management fee: 0.60% MER: 0.89% (as at 2021-12-31, includes HST) Min. investment: \$500 initial; \$25 PAC Fund Status: Open Risk: Low

-



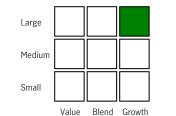
| Fixed Income Characteristics | | Equity Characteristics | |
|-------------------------------------|--------|---------------------------|-----------|
| Average Credit Quality ⁶ | BB+/BB | P/E Ratio | 26.07 |
| Current Yield | 4.67% | P/B Ratio | 5.59 |
| Maturity (Years) | 7.24 | P/CF Ratio | 17.55 |
| Effective Duration | 4.54 | ROE | 36.31% |
| Modified Duration | 4.85 | Average Market Cap | \$116.56B |
| Yield to Maturity | 7.40% | Dividend Yield | 1.27% |
| Yield to Worst | 7.25% | | |
| | | | |

The fund's portfolio is

growth stocks.

biased toward large-cap

Equity Style Box⁷



Fund Codes (MMF)

| Series | FE | LL2 | LL3 | DSC | NL |
|---------------|-------|-------|-------|-------|-------|
| Advisor | 4524 | 4879 | 4724 | 4424 | _ |
| Advisor - DCA | 24524 | 24879 | 24724 | 24424 | _ |
| F | _ | _ | _ | _ | 4624 |
| F - DCA | _ | _ | _ | _ | 24624 |
| FT6 | _ | _ | _ | _ | 1038 |
| Т6 | 1538 | 3076 | 1338 | 1238 | _ |

DSC/LL2/LL3 load options are available for switches only and are not available for new purchases.

Why invest?

- Offers investors a diversified portfolio constructed with primarily fixed income securities featuring allocations to government, investment grade and high yielding fixed income securities from developed and emerging markets, coupled with dividend paying equity securities.
- Seeks consistent and steady income distribution paid monthly at a rate of 5 cents per month, or 60 cents per annum
- Low volatility targeted with a risk-conscious, active management approach focused on careful sector
 and security selection

Performance

Growth of \$10,000 since inception⁸



Calendar Returns (%)

| 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|-------|-------|--------|-------|------|------|-------|-------|------|------|
| 11.29 | 12.44 | 6.97 | -0.29 | 9.82 | 8.93 | -3.87 | 13.64 | 8.97 | 5.29 |
| • | | . 1 /0 | | | | | | | |

| 1 Mth | 3 Mth | 6 Mth | YTD | 1 Yr | 3 Yrs | 5 Yrs | 10 Yrs | 15 Yrs | 20 Yrs | Inception |
|-------|-------|-------|--------|--------|-------|-------|--------|--------|--------|-----------|
| -1.77 | -1.90 | -7.13 | -10.81 | -10.40 | 1.33 | 2.91 | 5.25 | _ | _ | 5.58 |

| Risk Measures (5 yr.) | Standard Deviation (%) | Sortino Ratio | Sharpe Ratio | Alpha | Beta | R-Squared (%) |
|--------------------------|---------------------------|------------------|-----------------|-------|------|---------------|
| Fund | 7.32 | 0.54 | 0.01 | 0.93 | 1.18 | 65.17 |
| Benchmark ⁹ | 5.77 | 0.45 | -0.15 | — | — | _ |

Altaf Nanji

Sivan Nair



Star performers

Fund profile index

Jonathan Crescenzi

Management

Portfolio advisor:

Canadian Fixed Income Team

Roshan

Thiru

Annual Distributions ⁴

Richard Kos

| | Income | Dividends | Capital Gains | Return of Capital | Total |
|------|--------|-----------|------------------|----------------------|--------|
| 2021 | \$0.21 | \$0.04 | \$0.64 | \$0.32 | \$1.21 |
| 2020 | \$0.30 | \$0.02 | \$0.18 | \$0.24 | \$0.74 |
| 2019 | \$0.33 | \$0.03 | \$0.08 | \$0.22 | \$0.66 |
| 2017 | \$0.30 | \$0.03 | \$0.32 | \$0.24 | \$0.89 |
| 2016 | \$0.41 | \$0.04 | _ | \$0.15 | \$0.60 |

Management Fee Reduction Rates¹⁰

| Account/Household Value Tiers | All Qualifying Investments |
|-------------------------------|----------------------------|
| \$250K+ to \$499K | 2.50 basis points |
| \$500K+ to \$999K | 5.00 basis points |
| \$1M+ to \$4.9M | 7.50 basis points |
| \$5M+ to \$9.9M | 10.00 basis points |
| \$10M+ | 12.50 basis points |

Top 10 Holdings (%) ¹¹

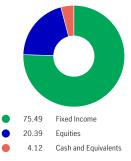
| 1. | United States Treasury Note, 1.88%, 11/15/2051 | 2.06 |
|----|--|------|
| 2. | Rogers Communications Inc. (FRN), 5.25%, 3/15/2082 | 1.31 |
| 3. | United States Treasury Note, 1.88%, 2/15/2032 | 1.21 |
| 4. | Nissan Motor Co. Ltd., 3.52%, 9/17/2025 | 1.13 |
| 5. | United States Treasury Note, 1.38%, 8/15/2050 | 0.74 |
| 6. | Federal Home Loan Banks, 8/3/2022 | 0.74 |
| 7. | Algonquin Power & Utilities Corp. Corp Unit, 7.75% | 0.71 |
| 8. | Gov. of Canada, 12/1/2053 | 0.69 |
| 9. | Keyera Corp. (FRN), 0.06%, 3/10/2081 | 0.67 |
| 10 | .AltaGas Ltd. (FRN), 5.25%, 1/11/2082 | 0.65 |

Portfolio Allocation

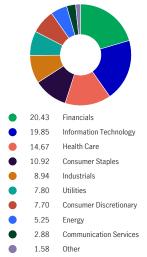
Geographic Allocation (%)

54.89 United States 34.86 Canada 2.04 Japan 1.60 Ireland 1.32 Netherlands 1.24 United Kingdom 1.01 Luxembourg 0.52 France 0.49 Mexico 2.03 Other

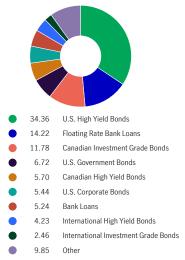
Asset Allocation (%)



Sector Allocation (Equities) (%)



Fixed Income Allocation (%)



Manulife Investment Management sales team < >

Commentary Investment note

Star performers

Fund profile index

Manulife Investment Management sales team

Manulife Climate Action Balanced Fund

Series F • Holdings as at July 31, 2022

Overview

Key Facts

Inception date: August 5, 2022 AUM¹: \$145.80K CIFSC category: Global Neutral Balanced Distribution frequency²: Annual Positions: 1 Min. investment: \$500 initial; \$25 PAC Fund Status: Open Risk: Low to Moderate



Fund Codes (MMF)

| Series | FE | LL2 | LL3 | DSC | NL |
|---------------|-------|------|------|---------|-------|
| Advisor | 8368 | 8568 | 8468 | 8268 | _ |
| Advisor - DCA | 28368 | _ | _ | _ | _ |
| F | — | _ | _ | _ | 8669 |
| F - DCA | _ | _ | _ | _ | 28669 |
| FT6 | _ | _ | _ | _ | 8769 |
| T6 | 8968 | 8369 | 8269 | 8868 | _ |
| | 1 1 | •1 | 11.6 | · · · · | |

DSC/LL2/LL3 load options are available for switches only and are not available for new purchases.

Why invest?

• Seeks to provide long-term capital growth and income by investing in a diversified portfolio of global equity and fixed income securities of issuers that are making positive contributions to climate change.

Performance

Performance cannot be shown until one year after the Fund's inception.

Calendar Returns (%)

Performance cannot be shown until one year after the Fund's inception.

Compound Returns (%)

Performance cannot be shown until one year after the Fund's inception.

< >

Commentary Investment note

Star performers

Fund profile index

Manulife Investment Management sales team

Manulife Investment Management

Management

James

Robertson



Alexandre

Richard

Management Fee Reduction Rates³

| Account/Household Value Tiers | All Qualifying Investments |
|-------------------------------|----------------------------|
| \$250K+ to \$499K | 2.50 basis points |
| \$500K+ to \$999K | 5.00 basis points |
| \$1M+ to \$4.9M | 7.50 basis points |
| \$5M+ to \$9.9M | 10.00 basis points |
| \$10M+ | 12.50 basis points |

Portfolio Allocation





Manulife Money Market Fund

Series F • Performance as at August 31, 2022 • Holdings as at July 31, 2022

П

Overview

Management Team: Canadian Fixed Income Team

Inception date: December 14, 2012 Performance reset date: May 25, 2018¹

CIFSC category: Canadian Money Market **Distribution frequency** ³: Monthly

MER: 0.36% (as at 2021-12-31, includes HST) Min. investment: \$500 initial; \$25 PAC

AA-/A+

3.33%

0.19

0.07

0.11

3.43%

3.43%

LL2

4627

LL3

4727

DSC/LL2/LL3 load options are available for switches only and are

DSC

4427

NL

4622

Key Facts

AUM²: \$217.02M

Positions: 26 Management fee: 0.42%

Fund Status: Open

Fixed Income Characteristics

Current Yield 6

Maturity (Years)

Effective Duration

Modified Duration

Yield to Maturity

Yield to Worst

Series

Advisor

Advisor

F

Average Credit Quality ⁵

Fund Codes (MMF)

FE

4522

not available for new purchases.

Risk: Low

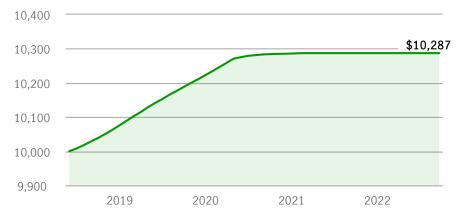
Distribution yield⁴: 0.02%

Why invest?

The fund seeks to preserve capital and provide interest income by investing primarily in Canadian money market instruments.

Performance

Growth of \$10,000 since inception⁷



Calendar Returns (%)

| 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|------|------|------|------|------|------|------|------|------|------|
| _ | _ | _ | _ | _ | _ | 7.30 | 1.46 | 0.62 | 0.02 |

| 1 Mth | 3 Mth | 6 Mth | YTD | 1 Yr | 3 Yrs | 5 Yrs | 10 Yrs | 15 Yrs | 20 Yrs | Inception |
|-------|-------|-------|------|------|-------|-------|--------|--------|--------|-----------|
| 0.19 | 0.39 | 0.46 | 0.47 | 0.47 | 0.52 | _ | _ | _ | _ | 0.79 |

| Risk Measures (5 yr.) | Standard Deviation (%) | Sortino Ratio | Sharpe Ratio | Alpha | Beta | R-Squared (%) |
|--------------------------|---------------------------|------------------|-----------------|-------|------|---------------|
| Fund | 0.18 | _ | -9.16 | -0.14 | 1.01 | 76.68 |
| Benchmark ⁸ | 0.22 | 202.73 | -7.05 | _ | _ | _ |

Roshan

Thiru

> <

Fund profiles

Management

Portfolio advisor:

Canadian Fixed Income Team



Annual Distributions³

| | Income | Dividends | Capital Gains | Return of Capital | Total |
|------|--------|-----------|------------------|----------------------|--------|
| 2021 | \$0.00 | _ | - | _ | \$0.00 |
| 2020 | \$0.06 | _ | _ | _ | \$0.06 |
| 2019 | \$0.14 | _ | - | _ | \$0.14 |
| 2018 | \$0.12 | _ | _ | _ | \$0.12 |
| 2017 | \$0.05 | - | - | _ | \$0.05 |
| 2016 | \$0.03 | - | _ | _ | \$0.03 |

Management Fee Reduction Rates⁹

| Account/Household Value Tiers | All Qualifying Investments |
|-------------------------------|----------------------------|
| \$250K+ to \$499K | 2.50 basis points |
| \$500K+ to \$999K | 5.00 basis points |
| \$1M+ to \$4.9M | 7.50 basis points |
| \$5M+ to \$9.9M | 10.00 basis points |
| \$10M+ | 12.50 basis points |

Top 10 Holdings (%) 10

| 1. Province of Nova Scotia Provincial Treasury Bill, 8/18/2022 | 11.35 |
|---|-------|
| 2. Toronto Hydro Corp., 8/3/2022 | 8.35 |
| 3. OMERS Finance Trust, 8/19/2022 | 8.17 |
| 4. Province of Nova Scotia Provincial Treasury Bill, 8/11/2022 | 6.81 |
| 5. Canadian Imperial Bank of Commerce (FRN), 2.97%, 4/19/2023 | 6.12 |
| 6. Bank of Nova Scotia (The), 8/8/2022 | 5.96 |
| 7. Toronto Dominion Bank (The) (New York Branch) (FRN), 2.51%, 4/6/2023 | 4.92 |
| 8. ROYAL BANK OF CANADA 16AUG22 BA | 4.54 |
| 9. Safe Trust 96S1, 8/3/2022 | 4.54 |
| 10.Bank of Montreal (FRN), 2.99%, 4/25/2023 | 4.03 |

Portfolio Allocation

Geographic Allocation (%)



Asset Allocation (%)



< >

Manulife Bond Fund

Series F • Performance as at August 31, 2022 • Holdings as at July 31, 2022

Overview

Overall Morningstar Rating¹

★★★☆☆

Key Facts

Management Team: Canadian Fixed Income Team Inception date: October 2, 2000 AUM²: \$1.39B CIFSC category: Canadian Fixed Income Distribution frequency ³: Quarterly Distribution yield⁴: 0.17% Positions: 445 Management fee: 0.70% MER: 0.93% (as at 2021-12-31, includes HST) Min. investment: \$500 initial; \$25 PAC Fund Status: Open Risk: Low

Low Medium High

Fixed Income Characteristics

| cilaracteristics | |
|-------------------------------------|-------|
| Average Credit Quality ⁵ | A+/A |
| Current Yield | 3.43% |
| Maturity (Years) | 10.3 |
| Effective Duration | 7.27 |
| Modified Duration | 7.32 |
| Yield to Maturity | 4.44% |
| Yield to Worst | 4.43% |
| | |

Fund Codes (MMF)

| Series | FE | LL2 | LL3 | DSC | NL |
|---------------|-------|-------|-------|-------|-------|
| Advisor | 4545 | 4844 | 4745 | 4445 | _ |
| Advisor - DCA | 24545 | 24844 | 24745 | 24445 | _ |
| F | _ | _ | _ | — | 4645 |
| F - DCA | _ | _ | _ | _ | 24645 |
| FT6 | _ | _ | _ | — | 1001 |
| М | _ | _ | _ | _ | 1655 |
| Т6 | 1501 | 9050 | 1301 | 1201 | _ |

DSC/LL2/LL3 load options are available for switches only and are not available for new purchases.

Why invest?

- Invests primarily in bonds and debentures issued or guaranteed by the Canadian Government or provincial and municipal governments and bonds and debentures issued by Canadian corporations. The Fund may also invest in debt securities issued by foreign issuers.
- The portfolio advisor's investment philosophy emphasizes sector allocation, credit quality and security selection, combined with active yield-curve management and risk containment.

Performance

Growth of \$10,000 since inception⁶



Calendar Returns (%)

| 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|------|-------|------|------|------|------|------|------|------|-------|
| 3.91 | -2.06 | 7.56 | 2.09 | 1.01 | 2.11 | 0.24 | 6.61 | 8.77 | -2.86 |

| 1 Mth | 3 Mth | 6 Mth | YTD | 1 Yr | 3 Yrs | 5 Yrs | 10 Yrs | 15 Yrs | 20 Yrs | Inception |
|-------|-------|-------|--------|--------|-------|-------|--------|--------|--------|-----------|
| -2.74 | -1.05 | -7.26 | -11.15 | -11.06 | -2.71 | 0.17 | 1.16 | _ | _ | 3.41 |

| Risk Measures (5 yr.) | Standard Deviation (%) | Sortino Ratio | Sharpe Ratio | Alpha | Beta | R-Squared (%) |
|--------------------------|---------------------------|------------------|-----------------|-------|------|---------------|
| Fund | 5.43 | 0.05 | -0.43 | -0.33 | 1.02 | 99.34 |
| Benchmark ⁷ | 5.38 | 0.13 | -0.37 | _ | _ | _ |

Sivan Nair

> <

Star performers

Fund profile index



Altaf Nanji

Management

Portfolio advisor:

Annual Distributions³

| | Income | Dividends | Capital Gains | Return of Capital | Total |
|------|--------|-----------|------------------|----------------------|--------|
| 2021 | \$0.01 | - | - | _ | \$0.01 |
| 2020 | \$0.07 | _ | \$0.06 | — | \$0.12 |
| 2019 | \$0.02 | _ | _ | _ | \$0.02 |
| 2018 | \$0.06 | _ | _ | _ | \$0.06 |
| 2017 | \$0.13 | - | - | _ | \$0.13 |
| 2016 | \$0.09 | _ | \$0.05 | _ | \$0.13 |

Management Fee Reduction Rates⁸

| Account/Household Value Tiers | All Qualifying Investments |
|-------------------------------|----------------------------|
| \$250K+ to \$499K | 2.50 basis points |
| \$500K+ to \$999K | 5.00 basis points |
| \$1M+ to \$4.9M | 7.50 basis points |
| \$5M+ to \$9.9M | 10.00 basis points |
| \$10M+ | 12.50 basis points |
| | |

Top 10 Holdings (%) ⁹

| 1. Province of Ontario, 2.55%, 12/2/2052 | 2.41 |
|--|------|
| 2. Gov. of Canada, 2%, 6/1/2032 | 2.38 |
| 3. Canada Housing Trust No.1, 3.55%, 9/15/2032 | 2.02 |
| 4. Gov. of Canada, 5%, 6/1/2037 | 1.70 |
| 5. Province of Ontario, 3.75%, 12/2/2053 | 1.37 |
| 6. Province of Ontario, 3.45%, 6/2/2045 | 1.35 |
| 7. Province of Quebec, 3.5%, 12/1/2045 | 1.28 |
| 8. Province of Ontario, 2.6%, 6/2/2025 | 1.22 |
| 9. Gov. of Canada, 1%, 9/1/2026 | 0.98 |
| 10.Province of Alberta, 2.95%, 6/1/2052 | 0.98 |

Portfolio Allocation

Geographic Allocation (%)

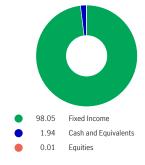
90.85 Canada 7.35 United States 0.83 Jersey 0.58 United Kingdom 0.34 Australia 0.03 Europe

Luxembourg

Fixed Income Allocation (%)

0.02

Asset Allocation (%)



28.19 Canadian Investment Grade Bonds 26.93 Canadian Provincial Bonds 11.01 Floating Rate Bank Loans 9.72 Canadian Government Bonds 8.47 Canadian Corporate Bonds 5.36 U.S. Investment Grade Bonds 3.64 Canadian Municipal Bonds Canadian Mortgage-backed securities 2.35 International Investment Grade Bonds 1.30 3.02 Other

Manulife Canadian Unconstrained Bond Fund¹

Series F • Performance as at August 31, 2022 • Holdings as at July 31, 2022

Overview

Overall Morningstar Rating²

★★★☆

Key Facts

Management Team: Canadian Fixed Income Team Inception date: April 24, 2007 AUM³: \$374.23M CIFSC category: Canadian Fixed Income Distribution frequency⁴: Quarterly Distribution yield⁵: 2.67% Positions: 376 Management fee: 0.60% MER: 0.84% (as at 2021-12-31, includes HST) Min. investment: \$500 initial; \$25 PAC Fund Status: Open Risk: Low



Fixed Income

| Cildracteristics | |
|-------------------------------------|---------|
| Average Credit Quality ⁶ | A-/BBB+ |
| Current Yield | 4.43% |
| Maturity (Years) | 10.76 |
| Effective Duration | 6.96 |
| Modified Duration | 7.11 |
| Yield to Maturity | 5.45% |
| Yield to Worst | 5.42% |
| | |

Fund Codes (MMF)

| Series | FE | LL2 | LL3 | DSC | NL |
|---------------|-------|-------|-------|-------|-------|
| Advisor | 520 | 3083 | 720 | 420 | _ |
| Advisor - DCA | 20520 | 23083 | 20720 | 20420 | _ |
| F | _ | _ | _ | _ | 620 |
| F - DCA | _ | _ | _ | _ | 20620 |
| FT6 | _ | _ | _ | _ | 3923 |
| T6 | 3583 | 3183 | 3783 | 3483 | _ |

DSC/LL2/LL3 load options are available for switches only and are not available for new purchases.

Why invest?

- Invests primarily in bonds and debentures issued or guaranteed by the Canadian government or provincial and municipal governments and investment grade and high yield corporate bonds and debentures. The Fund may also invest in debt securities issued by foreign issuers.
- The portfolio advisor's investment philosophy emphasizes sector allocation, credit quality and security selection, combined with active yield-curve management and risk containment.
- The high yield component of the Fund is managed using fundamental credit analysis (bottom-up) to select those securities and sectors believed to be offering the best relative value.

Performance

Growth of \$10,000 since inception⁷



Calendar Returns (%)

| 2012 | 2013 | 2014 | 2015 | 2 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|------|---------|---------|------|------|-------|-------|--------|--------|--------|-----------|
| 4.20 | -2.41 | 6.51 | 0.42 | 3 | 8.69 | 2.73 | -1.30 | 8.09 | 8.16 | -0.55 |
| • | | | | | | | | | | |
| Comp | bound F | Returns | (%) | | | | | | | |
| | 3 Mth | 6 Mth | • • | L Yr | 3 Yrs | 5 Yrs | 10 Yrs | 15 Yrs | 20 Yrs | Inception |

| Risk Measures (5 yr.) | Standard Deviation (%) | Sortino Ratio | Sharpe Ratio | Alpha | Beta | R-Squared (%) |
|--------------------------|---------------------------|------------------|-----------------|-------|------|---------------|
| Fund | 5.94 | 0.12 | -0.35 | -0.04 | 1.14 | 78.89 |
| Benchmark ⁸ | 5.38 | 0.13 | -0.37 | _ | _ | _ |

Sivan Nair

Richard Kos



Star performers

Fund profile index

Jonathan Crescenzi

Altaf Nanji

Management

Portfolio advisor:

Canadian Fixed Income Team

Roshan

Thiru

Annual Distributions⁴

| | Income | Dividends | Capital Gains | Return of Capital | Total |
|------|--------|-----------|------------------|----------------------|--------|
| 2021 | \$0.26 | \$0.01 | \$0.12 | _ | \$0.38 |
| 2020 | \$0.30 | \$0.00 | — | _ | \$0.30 |
| 2019 | \$0.32 | \$0.00 | - | — | \$0.32 |
| 2018 | \$0.23 | \$0.00 | — | _ | \$0.23 |
| 2017 | \$0.31 | - | \$0.16 | _ | \$0.47 |
| 2016 | \$0.25 | _ | \$0.15 | _ | \$0.39 |

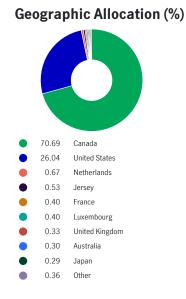
Management Fee Reduction Rates⁹

| Account/Household Value Tiers | All Qualifying Investments |
|-------------------------------|----------------------------|
| \$250K+ to \$499K | 2.50 basis points |
| \$500K+ to \$999K | 5.00 basis points |
| \$1M+ to \$4.9M | 7.50 basis points |
| \$5M+ to \$9.9M | 10.00 basis points |
| \$10M+ | 12.50 basis points |

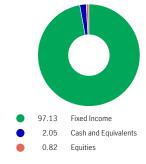
Top 10 Holdings (%) 10

| 1. | Gov. of Canada, 2%, 6/1/2032 | 5.06 |
|----|---|------|
| 2. | Province of Ontario, 2.55%, 12/2/2052 | 3.34 |
| 3. | Gov. of Canada, 5%, 6/1/2037 | 2.36 |
| 4. | Province of Ontario, 4.7%, 6/2/2037 | 1.61 |
| 5. | Province of Quebec, 3.1%, 12/1/2051 | 1.27 |
| 6. | Province of Ontario, 2.9%, 6/2/2049 | 1.24 |
| 7. | United States Treasury Note, 3.25%, 6/30/2029 | 1.22 |
| 8. | Province of Ontario, 3.75%, 12/2/2053 | 1.18 |
| 9. | Province of Quebec, 2.85%, 12/1/2053 | 1.06 |
| 10 | Rogers Communications Inc. (FRN), 5.25%, 3/15/2082. | 1.05 |
| | | |

Portfolio Allocation



Asset Allocation (%)



Fixed Income Allocation (%)



Management sales team Manulife Investment

Series F • Performance as at August 31, 2022 • Holdings as at July 31, 2022

Overview

Overall Morningstar Rating¹

Key Facts

Management Team: Canadian Fixed Income Team Inception date: August 26, 2003 AUM²: \$770.69M CIFSC category: High Yield Fixed Income Distribution frequency ³: Monthly Distribution yield⁴: 3.33% Positions: 416 Management fee: 0.70% MER: 0.93% (as at 2021-12-31, includes HST) Min. investment: \$500 initial; \$25 PAC Fund Status: Open Risk: Low



Fixed Income

| Characteristics | |
|-------------------------------------|--------|
| Average Credit Quality ⁵ | BB+/BB |
| Current Yield | 5.41% |
| Maturity (Years) | 6.22 |
| Effective Duration | 4.06 |
| Modified Duration | 4.34 |
| Yield to Maturity | 7.21% |
| Yield to Worst | 7.17% |
| | |

Fund Codes (MMF)

| Series | FE | LL2 | LL3 | DSC | NL |
|---------------|-------|-------|-------|-------|-------|
| Advisor | 598 | 3898 | 798 | 498 | _ |
| Advisor - DCA | 20598 | 23898 | 20798 | 20498 | _ |
| F | _ | _ | _ | _ | 698 |
| F - DCA | _ | _ | _ | _ | 20698 |
| FT6 | _ | _ | _ | _ | 1006 |
| Μ | _ | _ | _ | _ | 1855 |
| Т6 | 1506 | 3998 | 1306 | 1206 | _ |

DSC/LL2/LL3 load options are available for switches only and are not available for new purchases.

Why invest?

- Seeks to provide a steady flow of high income and long-term capital appreciation through investments in North American investment grade corporate and high yield bonds.
- The investment grade corporate bond component of the Fund is managed based on a combination of top-down macroeconomic research and bottom-up fundamental credit analysis. The high yield component will be managed using fundamental credit analysis (bottom-up) to select those securities and sectors believed to be offering the best relative value. Stable, credit-worthy issuers will be emphasized in portfolio construction.
- Seeks to provide an enhanced yield profile in a time of low interest rates, and strives to insulate investors in times of rising interest rates.

Performance

Growth of \$10,000 since inception⁶



Calendar Returns (%)

| 2012 | 2013 | 2014 | 20 | 15 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|------|----------------------|------------------|------------|------|-------|-------|--------|--------|--------|-----------|
| 8.56 | 4.26 | 3.70 | -0.7 | 0 | 9.61 | 4.47 | -2.36 | 9.23 | 5.98 | 3.28 |
| | Compound Returns (%) | | | | | | | | | |
| Comp | oound F | Returns | (%) | | | | | | | |
| | oound F 3 Mth | Returns 6 Mth | (%) YTD | 1 Yr | 3 Yrs | 5 Yrs | 10 Yrs | 15 Yrs | 20 Yrs | Inception |

| Risk Measures (5 yr.) | Standard Deviation (%) | Sortino Ratio | Sharpe Ratio | Alpha | Beta | R-Squared (%) |
|--------------------------|---------------------------|------------------|-----------------|-------|------|---------------|
| Fund | 6.31 | 0.31 | -0.19 | 0.11 | 0.96 | 94.80 |
| Benchmark ⁷ | 6.69 | 0.29 | -0.19 | _ | _ | _ |

Altaf Nanji

Jonathan

Crescenzi



Star performers

Fund profile index

E

Management

Portfolio advisor:

Canadian Fixed Income Team

Roshan

Thiru

Annual Distributions ³

Sivan Nair

Richard Kos

| | Income | Dividends | Capital Gains | Return of Capital | Total |
|------|--------|-----------|------------------|----------------------|--------|
| 2021 | \$0.30 | \$0.01 | _ | _ | \$0.31 |
| 2020 | \$0.33 | \$0.01 | _ | - | \$0.34 |
| 2019 | \$0.37 | \$0.01 | _ | - | \$0.38 |
| 2018 | \$0.38 | \$0.01 | _ | - | \$0.39 |
| 2017 | \$0.40 | \$0.01 | _ | - | \$0.41 |
| 2016 | \$0.39 | \$0.01 | _ | _ | \$0.40 |

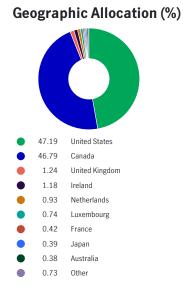
Management Fee Reduction Rates⁸

| Account/Household Value Tiers | All Qualifying Investments |
|-------------------------------|----------------------------|
| \$250K+ to \$499K | 2.50 basis points |
| \$500K+ to \$999K | 5.00 basis points |
| \$1M+ to \$4.9M | 7.50 basis points |
| \$5M+ to \$9.9M | 10.00 basis points |
| \$10M+ | 12.50 basis points |

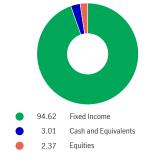
Top 10 Holdings (%) 9

| 1. Royal Bank of Canada (FRN), 4%, 2/24/2081 | 1.66 |
|--|------|
| 2. Cenovus Energy Inc., 3.5%, 2/7/2028 | 1.59 |
| 3. United States Treasury Note, 2.88%, 5/15/2052 | 1.29 |
| 4. Bank of Nova Scotia (The), 2.95%, 3/8/2027 | 1.19 |
| 5. Rogers Communications Inc. (FRN), 5.25%, 3/15/2082 | 1.05 |
| 6. Bank of Nova Scotia (The), 4.5%, 12/16/2025 | 1.02 |
| 7. Morguard Corporation, 0.04%, 9/28/2023 | 0.97 |
| 8. Athene Global Funding, 2.1%, 9/24/2025 | 0.89 |
| 9. Metropolitan Life Global Funding I, 3.39%, 4/9/2030 | 0.84 |
| 10.First Capital REIT, 3.75%, 7/12/2027 | 0.74 |

Portfolio Allocation



Asset Allocation (%)



Fixed Income Allocation (%)



Manulife Investment Management sales team

Investment note Commentary

Star performers

Fund profile index

Manulife U.S. Unconstrained Bond Fund¹

Series F • Performance as at August 31, 2022 • Holdings as at July 31, 2022

Overview

Key Facts

Inception date: July 2, 2013 AUM²: \$481.15M CIFSC category: High Yield Fixed Income Distribution frequency ³: Monthly **Distribution yield**⁴: 4.44% Positions: 254 Management fee: 0.70% MER: 1.00% (as at 2021-12-31, includes HST) Min. investment: \$500 initial; \$25 PAC Fund Status: Open

Risk: Low to Moderate

| | $\mathbf{\nabla}$ | | | |
|-----|-------------------|--------|------|--|
| | | | | |
| Low | | Medium | High | |

Fixed Income Characteristics

| Average Credit Quality ⁵ | BB/BB- |
|-------------------------------------|--------|
| Current Yield | 5.98% |
| Maturity (Years) | 5.68 |
| Effective Duration | 3.67 |
| Modified Duration | 4.02 |
| Yield to Maturity | 8.14% |
| Yield to Worst | 8.11% |
| | |

Fund Codes (MMF)

| Series | FE | LL2 | LL3 | DSC | NL |
|---------------|-------|-------|-------|-------|-------|
| Advisor | 4533 | 4383 | 4733 | 4433 | _ |
| Advisor - DCA | 24533 | 24383 | 24733 | 24433 | _ |
| F | _ | _ | _ | _ | 4633 |
| F - DCA | _ | _ | _ | _ | 24633 |
| FT6 | _ | _ | _ | _ | 4933 |
| М | _ | _ | _ | _ | 4931 |
| Т6 | 9810 | 9383 | 9812 | 9809 | _ |

DSC/LL2/LL3 load options are available for switches only and are not available for new purchases.

Why invest?

- linvests across the spectrum of U.S. Treasury and corporate debt securities, of any quality or term. In addition, the portfolio sub-advisor will actively manage the fund's exposure to sectors of the US debt market, which may include investment grade corporate bonds, high yield fixed income securities, bank loans and floating rate securities and other US-based investments.
- · Fully unconstrained which allows the managers to explore all asset classes and credit qualities of the U.S. fixed income universe to uncover and deploy their "best ideas" for investors.
- Active currency management employs strategic positioning (intended to capture medium to long term currency trends) and tactical positioning (intended to take advantage of short-term volatility and dislocations).

Performance

Growth of \$10,000 since inception⁶



Calendar Returns (%)

| 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|------|------|------|------|-------|------|-------|-------|------|------|
| — | _ | 4.37 | 1.06 | 16.59 | 5.89 | -2.07 | 11.97 | 7.05 | 3.39 |

| 1 Mth | 3 Mth | 6 Mth | YTD | 1 Yr | 3 Yrs | 5 Yrs | 10 Yrs | 15 Yrs | 20 Yrs | Inception |
|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|-----------|
| -1.76 | -2.57 | -6.53 | -9.52 | -9.14 | 0.53 | 2.33 | _ | _ | _ | 4.40 |

| Risk Measures (5 yr.) | Standard Deviation (%) | Sortino Ratio | Sharpe Ratio | Alpha | Beta | R-Squared (%) |
|--------------------------|---------------------------|------------------|-----------------|-------|------|---------------|
| Fund | 7.63 | 0.40 | -0.07 | 0.79 | 0.88 | 93.86 |
| Benchmark ⁷ | 9.01 | 0.23 | -0.14 | _ | _ | _ |

Investment note

Star performers

Fund profile index

Commentary

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Manulife Investment Management

Management

Sub Advisor:

Manulife Investment Management (US) LLC



Annual Distributions³

| | Income | Dividends | Capital Gains | Return of Capital | Total |
|------|--------|-----------|------------------|----------------------|--------|
| 2021 | \$0.43 | _ | \$0.21 | _ | \$0.65 |
| 2020 | \$0.39 | _ | _ | _ | \$0.39 |
| 2019 | \$0.47 | _ | _ | _ | \$0.47 |
| 2018 | \$0.52 | _ | _ | _ | \$0.52 |
| 2017 | \$0.50 | - | \$0.78 | \$0.00 | \$1.28 |
| 2016 | \$0.62 | _ | _ | _ | \$0.62 |

Management Fee Reduction Rates⁸

| Account/Household Value Tiers | All Qualifying Investments |
|-------------------------------|----------------------------|
| \$250K+ to \$499K | 2.50 basis points |
| \$500K+ to \$999K | 5.00 basis points |
| \$1M+ to \$4.9M | 7.50 basis points |
| \$5M+ to \$9.9M | 10.00 basis points |
| \$10M+ | 12.50 basis points |

Top 10 Holdings (%) ⁹

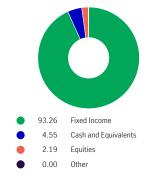
| 1. VICI Properties L.P REIT, 4.63%, 12/1/2029 | 1.11 |
|---|------|
| 2. American Airlines Inc., 7.45986%, 4/20/2028 | 1.04 |
| 3. Pactiv Evergreen Group Holdings Inc., 4.91614%, 2/5/2026 | 0.88 |
| 4. Occidental Petroleum Corp., 5.5%, 12/1/2025 | 0.86 |
| 5. RHP Hotel Properties L.P. REIT, 4.5%, 2/15/2029 | 0.85 |
| 6. Live Nation Entertainment Inc., 4.75%, 10/15/2027 | 0.83 |
| 7. Uber Technologies Inc., 8%, 11/1/2026 | 0.80 |
| 8. Royal Caribbean Cruises Ltd., 9.13%, 6/15/2023 | 0.80 |
| 9. Centene Corp., 3.38%, 2/15/2030 | 0.79 |
| 10.KB Home, 4%, 6/15/2031 | 0.78 |

Portfolio Allocation

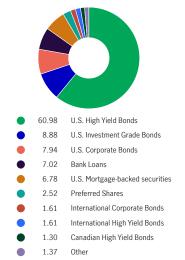
Geographic Allocation (%)



Asset Allocation (%)



Fixed Income Allocation (%)



Manulife Investment

Commentary nvestment note

Star performers

Fund profile index

Manulife Global Unconstrained Bond Fund^{1,2}

Series F • Performance as at August 31, 2022 • Holdings as at July 31, 2022

Overview

Overall Morningstar Rating³

★★★☆☆

Key Facts

Inception date: July 2, 2013 AUM⁴: \$2.67B CIFSC category: High Yield Fixed Income Distribution frequency ⁵: Monthly Distribution yield⁶: 4.86% Positions: 489 Management fee: 0.70% MER: 0.99% (as at 2021-12-31, includes HST) Min. investment: \$500 initial; \$25 PAC Fund Status: Open Risk: Low to Moderate



Fixed Income Characteristics

| Average Credit Quality ⁷ | BB+/BB |
|-------------------------------------|--------|
| Current Yield | 6.26% |
| Maturity (Years) | 6.57 |
| Effective Duration | 3.93 |
| Modified Duration | 4.18 |
| Yield to Maturity | 9.73% |
| Yield to Worst | 9.69% |

Fund Codes (MMF)

| Series | FE | LL2 | LL3 | DSC | NL |
|---------------|-------|-------|-------|-------|-------|
| Advisor | 4532 | 4527 | 4732 | 4432 | _ |
| Advisor - DCA | 24532 | 24527 | 24732 | 24432 | _ |
| F | _ | _ | _ | _ | 4632 |
| F - DCA | _ | _ | _ | _ | 24632 |
| FT6 | _ | _ | _ | _ | 4932 |
| Т6 | 9312 | 9950 | 9313 | 9311 | _ |

DSC/LL2/LL3 load options are available for switches only and are not available for new purchases.

Why invest?

- This global fixed income fund invests opportunistically across the spectrum of global government and corporate debt securities, of any quality or term.
- The fund is fully unconstrained which allows the managers to explore all asset classes and credit qualities of the global fixed income universe to uncover and deploy their "best ideas" for investors. Portfolio construction is a collaborative effort between the US, UK and Asia teams, analysts and traders.
- Active currency management employs strategic positioning (intended to capture medium to long term currency trends) and tactical positioning (intended to take advantage of short-term volatility and dislocations).

Performance

Growth of \$10,000 since inception⁸



Calendar Returns (%)

| 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|------|------|------|------|-------|------|-------|-------|------|------|
| _ | _ | 9.07 | 7.89 | 12.65 | 6.09 | -1.49 | 12.52 | 8.13 | 0.33 |

| 1 Mth | 3 Mth | 6 Mth | YTD | 1 Yr | 3 Yrs | 5 Yrs | 10 Yrs | 15 Yrs | 20 Yrs | Inception |
|-------|-------|-------|--------|--------|-------|-------|--------|--------|--------|-----------|
| -0.86 | -3.94 | -8.54 | -13.52 | -15.18 | -1.38 | 1.03 | _ | _ | _ | 4.81 |

| Risk Measures (5 yr.) | Standard Deviation (%) | Sortino Ratio | Sharpe Ratio | Alpha | Beta | R-Squared (%) |
|--------------------------|---------------------------|------------------|-----------------|-------|------|---------------|
| Fund | 8.33 | 0.15 | -0.21 | -0.27 | 1.38 | 61.30 |
| Benchmark ⁹ | 6.58 | 0.20 | -0.23 | _ | _ | _ |

Investment note

Commentary

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Manulife Investment Management

Management

Sub Advisor:

Manulife Investment Management (US) LLC



Annual Distributions ⁵

| | Income | Dividends | Capital Gains | Return of Capital | Total |
|------|--------|-----------|------------------|----------------------|--------|
| 2021 | \$0.56 | _ | \$0.53 | _ | \$1.09 |
| 2020 | \$0.46 | — | _ | _ | \$0.46 |
| 2019 | \$0.51 | - | _ | - | \$0.51 |
| 2018 | \$0.56 | _ | _ | — | \$0.56 |
| 2017 | \$0.61 | - | \$0.78 | - | \$1.38 |
| 2016 | \$0.56 | _ | \$0.36 | _ | \$0.92 |

Management Fee Reduction Rates¹⁰

| Account/Household Value Tiers | All Qualifying Investments |
|-------------------------------|----------------------------|
| \$250K+ to \$499K | 2.50 basis points |
| \$500K+ to \$999K | 5.00 basis points |
| \$1M+ to \$4.9M | 7.50 basis points |
| \$5M+ to \$9.9M | 10.00 basis points |
| \$10M+ | 12.50 basis points |

Top 10 Holdings (%) 11

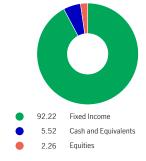
| 1. United States Treasury Note, 0.25%, 3/15/2024 | 1.83 |
|---|------|
| 2. Lamb Weston Holdings Inc., 4.13%, 1/31/2030 | 0.71 |
| 3. HCA Inc., 3.5%, 9/1/2030 | 0.61 |
| 4. Occidental Petroleum Corp., 6.63%, 9/1/2030 | 0.58 |
| 5. Bank of America Corp. (FRN), 6.1%, 12/29/2049 | 0.55 |
| 6. Qorvo Inc., 3.38%, 4/1/2031 | 0.53 |
| 7. SoftBank Group Corp. (FRN), 6.88%, 12/31/2049 | 0.52 |
| 8. Sixsigma Networks Mexico S.A. de C.V. (KIO Networks), 7.5%, 5/2/2025 | 0.52 |
| 9. ING Groep N.V. (FRN), 6.5%, 12/31/2049 | 0.50 |
| 10.Nautilus Inkia Holdings SCS, 5.88%, 11/9/2027 | 0.49 |

Portfolio Allocation

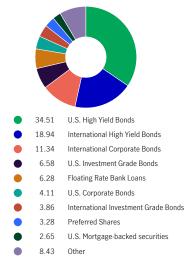
Geographic Allocation (%)

54.85 United States 5.11 Canada 4.00 Luxembourg 3.92 Mexico United Kingdom 3.08 2.58 China 2.34 Hong Kong 2.07 France 2.01 Virgin Islands (British) [af] 20.03 Other

Asset Allocation (%)



Fixed Income Allocation (%)





Manulife Strategic Income Fund

Series F • Performance as at August 31, 2022 • Holdings as at July 31, 2022

Overview

Overall Morningstar Rating¹

Key Facts

Management Team: Global Multi-Sector Fixed Income Team Inception date: January 11, 2007 AUM²: \$9.91B CIFSC category: Global Fixed Income Distribution frequency ³: Monthly Distribution yield⁴: 2.60% Positions: 567 Management fee: 0.60% MER: 0.89% (as at 2021-12-31, includes HST) Min. investment: \$500 initial; \$25 PAC Fund Status: Open Risk: Low



Fixed Income

| Characteristics | |
|-------------------------------------|----------|
| Average Credit Quality ⁵ | BBB+/BBB |
| Current Yield | 4.05% |
| Maturity (Years) | 6.68 |
| Effective Duration | 4.28 |
| Modified Duration | 4.71 |
| Yield to Maturity | 5.53% |
| Yield to Worst | 5.47% |
| | |

Fund Codes (MMF)

| Series | FE | LL2 | LL3 | DSC | NL | |
|---------------|-------|-------|-------|-------|-------|--|
| Advisor | 559 | 3872 | 759 | 459 | _ | |
| Advisor - DCA | 20559 | 23872 | 20759 | 20459 | _ | |
| F | _ | — | _ | _ | 659 | |
| F - DCA | — | _ | _ | _ | 20659 | |
| FT6 | _ | — | _ | _ | 1030 | |
| Μ | _ | _ | _ | _ | 1556 | |
| Т6 | 1530 | 3972 | 1330 | 1230 | _ | |
| | | | | | | |

DSC/LL2/LL3 load options are available for switches only and are not available for new purchases.

Why invest?

- · This global multi-sector fixed income fund can access any fixed income asset class from any area of the world. Coupled with a focused, active currency management the composition of this portfolio offers investors a unique opportunity in the space. The team focuses on the management of 4 key risks to the fixed income portfolio: Credit, Liquidity, Interest Rate and Currency.
- · With discretionary portfolio managers based in Boston and Hong Kong, this global multi-sector fixed income fund is managed 24 hours a day, 6 days a week with prudent risk management as the primary focus in all investment decisions. Portfolio construction is a collaborative effort between experienced portfolio managers, research analysts and traders.
- Active currency management employs strategic positioning (intended to capture medium to long term currency trends) and tactical positioning (intended to take advantage of short-term volatility and dislocations).

Performance

Growth of \$10,000 since inception⁶



Calendar Returns (%)

| 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|-------|------|------|------|------|------|-------|------|------|-------|
| 10.27 | 5.51 | 9.20 | 6.53 | 4.14 | 3.63 | -1.54 | 8.45 | 7.46 | -0.15 |

| 1 Mth | 3 Mth | 6 Mth | YTD | 1 Yr | 3 Yrs | 5 Yrs | 10 Yrs | 15 Yrs | 20 Yrs | Inception |
|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|-----------|
| -1.62 | -2.00 | -6.11 | -8.89 | -9.59 | -0.78 | 1.01 | 3.71 | _ | _ | 5.26 |

| Risk Measures (5 yr.) | Standard Deviation (%) | Sortino Ratio | Sharpe Ratio | Alpha | Beta | R-Squared (%) |
|--------------------------|---------------------------|------------------|-----------------|-------|------|---------------|
| Fund | 4.47 | 0.31 | -0.36 | 1.47 | 1.19 | 7.10 |
| Benchmark ⁷ | 6.63 | -0.12 | -0.40 | _ | _ | _ |

Investment note

Commentary

Star performers

Fund profile index

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Manulife Investment Management

Management

Portfolio advisor:

Global Multi-Sector Fixed Income Team

Sub Advisor:

Manulife Investment Management (US) LLC





Annual Distributions³

| | Income | Dividends | Capital Gains | Return of Capital | Total |
|------|--------|-----------|------------------|----------------------|--------|
| 2021 | \$0.31 | \$0.00 | - | _ | \$0.31 |
| 2020 | \$0.32 | _ | _ | _ | \$0.32 |
| 2019 | \$0.36 | - | _ | _ | \$0.36 |
| 2018 | \$0.39 | _ | _ | _ | \$0.39 |
| 2017 | \$0.38 | - | \$0.71 | _ | \$1.10 |
| 2016 | \$0.36 | - | \$0.20 | _ | \$0.57 |

Management Fee Reduction Rates⁸

| Account/Household Value Tiers | All Qualifying Investments |
|-------------------------------|----------------------------|
| \$250K+ to \$499K | 2.50 basis points |
| \$500K+ to \$999K | 5.00 basis points |
| \$1M+ to \$4.9M | 7.50 basis points |
| \$5M+ to \$9.9M | 10.00 basis points |
| \$10M+ | 12.50 basis points |

Top 10 Holdings (%) ⁹

| 1. United States Treasury Note, 1.88%, 2/15/2032 | 2.16 |
|---|------|
| 2. United States Treasury Note, 3%, 2/15/2049 | 1.19 |
| 3. Skymiles lp Ltd., 4.75%, 10/20/2028 | 0.98 |
| 4. Japan, 0.1%, 12/20/2023 | 0.83 |
| 5. United States Treasury Note, 2.88%, 5/15/2032 | 0.77 |
| 6. HCA Inc., 3.5%, 9/1/2030 | 0.73 |
| 7. Indonesia, 6.38%, 4/15/2032 | 0.70 |
| 8. LIFE 2022-BMR2 Mortgage Trust, 5/15/2039 | 0.69 |
| 9. NextEra Energy Inc. Equity Units, 5.279%, 3/1/2023 | 0.67 |
| 10.Province of Ontario, 1.35%, 12/2/2030 | 0.66 |

Portfolio Allocation

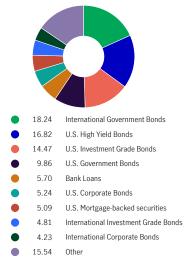
Geographic Allocation (%)

58.56 United States 8.60 Canada 3.16 Indonesia 2.50 United Kingdom 2.46 Luxembourg 2.25 Norway 1.91 Mexico 1.89 Australia 1.38 China 17.29 Other

Asset Allocation (%)



Fixed Income Allocation (%)



Management sales team Manulife Investment

Commentary nvestment note

Star performers

Fund profile index

Manulife Strategic Investment Grade Global Bond Fund

Series F • Performance as at August 31, 2022 • Holdings as at July 31, 2022

Overview

Overall Morningstar Rating¹

★★★☆

Key Facts

Management Team: Global Multi-Sector Fixed Income Team Inception date: March 16, 2015 AUM²: \$255.90M CIFSC category: Global Fixed Income Distribution frequency ³: Monthly Distribution yield⁴: 1.77% Positions: 346 Management fee: 0.50% MER: 0.79% (as at 2021-12-31, includes HST) Min. investment: \$500 initial; \$25 PAC Fund Status: Open Risk: Low

Low Medium High

Fixed Income

| Characteristics | |
|-------------------------------------|-------|
| Average Credit Quality ⁵ | A+/A |
| Current Yield | 3.15% |
| Maturity (Years) | 6.85 |
| Effective Duration | 4.80 |
| Modified Duration | 4.99 |
| Yield to Maturity | 4.57% |
| Yield to Worst | 4.57% |
| | |

Fund Codes (MMF)

| Series | FE | LL2 | LL3 | DSC | NL |
|---------------|-------|-------|-------|-------|-------|
| Advisor | 4575 | 4868 | 4775 | 4475 | _ |
| Advisor - DCA | 24575 | 24868 | 24775 | 24475 | _ |
| F | _ | _ | _ | _ | 4675 |
| F - DCA | _ | _ | _ | _ | 24675 |
| FT6 | _ | _ | _ | _ | 9940 |
| Т6 | 9141 | 9068 | 9841 | 9041 | _ |

DSC/LL2/LL3 load options are available for switches only and are not available for new purchases.

Why invest?

- This global multi-sector fixed income fund can access any investment grade quality fixed income asset class from any area of the world. Coupled with a focused, active currency management the composition of this portfolio offers investors a unique opportunity in the space. The team focuses on the management of 4 key risks to the fixed income portfolio: Credit, Liquidity, Interest Rate and Currency.
- With discretionary portfolio managers based in Boston and Hong Kong, this global multi-sector fixed income fund is managed 24 hours a day, 6 days a week with prudent risk management as the primary focus in all investment decisions. Portfolio construction is a collaborative effort between experienced portfolio managers, research analysts and traders.
- Active currency management employs strategic positioning (intended to capture medium to long term currency trends) and tactical positioning (intended to take advantage of short-term volatility and dislocations).

Performance

Growth of \$10,000 since inception⁶



Calendar Returns (%)

| 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|------|------|------|------|------|------|-------|------|------|-------|
| _ | _ | _ | _ | 2.56 | 2.16 | -0.03 | 6.35 | 7.56 | -1.60 |

Compound Returns (%)

| 1 Mth | 3 Mth | 6 Mth | YTD | 1 Yr | 3 Yrs | 5 Yrs | 10 Yrs | 15 Yrs | 20 Yrs | Inception |
|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|-----------|
| -1.72 | -1.48 | -6.18 | -8.53 | -9.60 | -1.24 | 0.67 | _ | _ | _ | 1.03 |

| Risk Measures (5 yr.) | Standard Deviation (%) | Sortino Ratio | Sharpe Ratio | Alpha | Beta | R-Squared (%) |
|--------------------------|---------------------------|------------------|-----------------|-------|------|---------------|
| Fund | 3.62 | 0.26 | -0.51 | 1.76 | 0.77 | 68.44 |
| Benchmark ⁷ | 5.49 | -0.33 | -0.73 | _ | _ | _ |

Manulife Investment Management sales team

Thomas C. Goggins

Christopher

Chapman

Management

Portfolio advisor:

Sub Advisor:

Global Multi-Sector Fixed Income Team

Daniel S.

Janis III

Kisoo Park

Manulife Investment Management (US) LLC

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Manulife Investment Management sales team

Fund profiles

Top 10 Holdings (%) 9

| 1. United States Treasury Note, 1.88%, 2/15/2032 | 2.38 |
|--|------|
| 2. Her Majesty's Treasury, 0.13%, 1/31/2024 | 1.49 |
| 3. Singapore, 2.38%, 6/1/2025 | 1.21 |
| 4. Denmark, 1.75%, 11/15/2025 | 1.12 |
| 5. United States Treasury Note, 2.38%, 2/15/2042 | 1.08 |
| 6. Skymiles lp Ltd., 4.75%, 10/20/2028 | 1.04 |
| 7. Boeing Co., 5.15%, 5/1/2030 | 0.95 |
| 8. Japan, 0.1%, 6/20/2026 | 0.95 |
| 9. United States Treasury Note, 3%, 2/15/2049 | 0.94 |
| 10.Williams Cos. Inc. (The), 3.5%, 11/15/2030 | 0.88 |

Portfolio Allocation

Geographic Allocation (%)

Annual Distributions ³

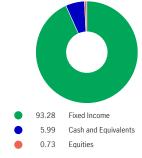
| | Income | Dividends | Gains | Capital | Total |
|------|--------|-----------|--------|---------|--------|
| 2021 | \$0.17 | - | _ | - | \$0.17 |
| 2020 | \$0.18 | - | _ | - | \$0.18 |
| 2019 | \$0.23 | _ | _ | - | \$0.23 |
| 2018 | \$0.24 | - | _ | - | \$0.24 |
| 2017 | \$0.26 | - | \$0.38 | - | \$0.64 |
| 2016 | \$0.15 | - | \$0.01 | - | \$0.16 |

Management Fee Reduction Rates⁸

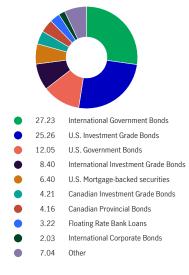
| Account/Household Value Tiers | All Qualifying Investments |
|-------------------------------|----------------------------|
| \$250K+ to \$499K | 2.50 basis points |
| \$500K+ to \$999K | 5.00 basis points |
| \$1M+ to \$4.9M | 7.50 basis points |
| \$5M+ to \$9.9M | 10.00 basis points |
| \$10M+ | 12.50 basis points |



Asset Allocation (%)



Fixed Income Allocation (%)



Commentary nvestment note

Star performers

Fund profile index

Manulife U.S. Dollar Strategic Income Fund¹

Series F • Performance as at August 31, 2022 • Holdings as at July 31, 2022

Overview

Overall Morningstar Rating²

Key Facts

Management Team: Global Multi-Sector Fixed Income Team Inception date: March 16, 2015 AUM³: \$182.64M CIFSC category: Global Fixed Income Distribution frequency⁴: Monthly Distribution yield⁵: 2.58% Positions: 541 Management fee: 0.60% MER: 0.89% (as at 2021-12-31, includes HST) Min. investment: \$500 initial; n/a PAC Fund Status: Open Risk: Low



Fixed Income Characteristics

| Average Credit Quality ⁶ | BBB+/BBB |
|-------------------------------------|----------|
| Current Yield | 4.07% |
| Maturity (Years) | 6.69 |
| Effective Duration | 4.13 |
| Modified Duration | 4.53 |
| Yield to Maturity | 5.15% |
| Yield to Worst | 5.09% |
| | |

Fund Codes (MMF)

| Series | FE | LL2 | LL3 | DSC | NL |
|---------|------|------|------|------|------|
| Advisor | 9144 | 9051 | 9644 | 9044 | _ |
| F | _ | _ | _ | _ | 9844 |
| FT6 | _ | _ | _ | _ | 9944 |
| М | _ | _ | _ | _ | 9147 |
| Т6 | 9145 | 9052 | 9845 | 9045 | _ |

DSC/LL2/LL3 load options are available for switches only and are not available for new purchases.

Why invest?

This global multi-sector fixed income fund can access any fixed income asset class from any area of the world. Coupled with a focused, active currency management the composition of this portfolio offers U.S Dollar investors a unique opportunity in the space. With discretionary portfolio managers based in Hong Kong, London and Boston, this global multi-sector fixed income fund is managed 24 hours a day, 6 days a week with prudent risk management as the primary focus in all investment decisions. The team focuses on the management of 4 key risks to the portfolio: Credit, Liquidity, Interest Rate and Currency.

Performance

Growth of \$10,000 since inception⁷



Calendar Returns (%)

| 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | |
|------|------|------|------|------|------|-------|------|------|-------|--|
| _ | _ | _ | _ | 3.01 | 4.22 | -3.87 | 9.92 | 7.36 | -0.72 | |

Compound Returns (%)

| 1 Mth | 3 Mth | 6 Mth | YTD | 1 Yr | 3 Yrs | 5 Yrs | 10 Yrs | 15 Yrs | 20 Yrs | Inception |
|-------|-------|-------|-------|--------|-------|-------|--------|--------|--------|-----------|
| -2.08 | -2.56 | -6.69 | -9.60 | -10.48 | -0.98 | 0.45 | _ | _ | _ | 1.05 |

Manulife Investment Management sales team

Investment note

Commentary

Star performers

Fund profile index

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Manulife Investment Management

Management

Portfolio advisor:

Global Multi-Sector Fixed Income Team

Sub Advisor:

Manulife Investment Management (US) LLC





Thomas C.

Goggins

Annual Distributions ⁴

| | Income | Dividends | Capital Gains | Return of Capital | Total |
|------|--------|-----------|------------------|----------------------|--------|
| 2020 | \$0.25 | - | _ | _ | \$0.25 |
| 2019 | — | \$0.28 | - | — | \$0.28 |
| 2018 | \$0.32 | - | - | _ | \$0.32 |
| 2017 | \$0.30 | - | - | — | \$0.30 |
| 2016 | \$0.27 | _ | _ | _ | \$0.27 |

Management Fee Reduction Rates⁸

| Account/Household Value Tiers | All Qualifying Investments |
|-------------------------------|----------------------------|
| \$250K+ to \$499K | 2.50 basis points |
| \$500K+ to \$999K | 5.00 basis points |
| \$1M+ to \$4.9M | 7.50 basis points |
| \$5M+ to \$9.9M | 10.00 basis points |
| \$10M+ | 12.50 basis points |

Top 10 Holdings (%) 9

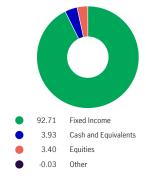
| 1. United States Treasury Note, 1.88%, 2/15/2032 | 2.32 |
|--|------|
| 2. Skymiles lp Ltd., 4.75%, 10/20/2028 | 0.98 |
| 3. United States Treasury Note, 3%, 2/15/2049 | 0.87 |
| 4. United States Treasury Note, 2.88%, 5/15/2032 | 0.78 |
| 5. Japan, 0.1%, 12/20/2023 | 0.78 |
| 6. Province of Ontario, 1.35%, 12/2/2030 | 0.74 |
| 7. LIFE 2022-BMR2 Mortgage Trust, 5/15/2039 | 0.72 |
| 8. Indonesia, 6.38%, 4/15/2032 | 0.64 |
| 9. Indonesia, 6.5%, 6/15/2025 | 0.63 |
| 10.Singapore, 2.38%, 6/1/2025 | 0.61 |

Portfolio Allocation

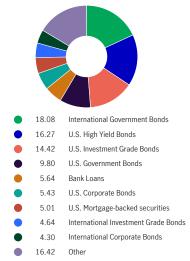
Geographic Allocation (%)

59.23 United States 8.10 Canada 3.22 Indonesia 2.65 Luxembourg United Kingdom 2.36 2.30 Norway 1.87 Mexico 1.74 Australia China 1.34 17.20 Other

Asset Allocation (%)



Fixed Income Allocation (%)



Manulife Investment Management sales team Star performers

Fund profile index

Manulife Investment Management sales team

Manulife Climate Action Bond Fund

Series F • Holdings as at July 31, 2022

Overview

Key Facts

Inception date: August 5, 2022 AUM¹: \$19.61M CIFSC category: Global Fixed Income Distribution frequency²: Monthly Positions: 1 Min. investment: \$500 initial; \$25 PAC Fund Status: Open Risk: Low



Fund Codes (MMF)

| Series | FE | LL2 | LL3 | DSC | NL |
|---------------|-------|------|------|---------|-------|
| Advisor | 8358 | 8558 | 8458 | 8258 | _ |
| Advisor - DCA | 28358 | _ | _ | _ | _ |
| F | _ | _ | _ | _ | 8659 |
| F - DCA | _ | _ | _ | _ | 28659 |
| FT6 | _ | _ | _ | _ | 8759 |
| T6 | 8958 | 8359 | 8259 | 8858 | _ |
| D00/110/1101 | 1 12 | | 11.0 | · · · · | 1 1 |

DSC/LL2/LL3 load options are available for switches only and are not available for new purchases.

Why invest?

• Seeks to provide income and long-term capital growth by investing primarily in global fixed income securities of issuers that are making positive contributions to climate change.

Performance

Performance cannot be shown until one year after the Fund's inception.

Calendar Returns (%)

Performance cannot be shown until one year after the Fund's inception.

Compound Returns (%)

Performance cannot be shown until one year after the Fund's inception.

Manulife Investment Management

Management

Sub Advisor:

Manulife Investment Management (US) LLC

Caryn Murray Rothman Collis Elina Spencer Theodorakopoul Godfrey

All Qualifying Investments

2.50 basis points

5.00 basis points

7.50 basis points

10.00 basis points

12.50 basis points



Alvin Ong

Account/Household Value Tiers

\$250K+ to \$499K

\$500K+ to \$999K

\$1M+ to \$4.9M

\$5M+ to \$9.9M

\$10M+

Management Fee Reduction Rates³

Portfolio Allocation

Asset Allocation (%)





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Commentary Investment note

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Commentary nvestment note

Star performers

Fund profile index

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Manulife Global Core Plus Bond Fund

Series F • Performance as at August 31, 2022 • Holdings as at July 31, 2022

Overview

Overall Morningstar Rating¹

★★★☆

Key Facts

Inception date: August 6, 2019 AUM²: \$40.46M CIFSC category: Global Fixed Income Distribution frequency ³: Monthly Distribution yield⁴: 3.05% Positions: 221 Management fee: 0.50% MER: 0.78% (as at 2021-12-31, includes HST) Min. investment: \$500 initial; \$25 PAC Fund Status: Open Risk: Low



Fixed Income Characteristics

| A/A- |
|-------|
| 4.07% |
| 9.17 |
| 6.34 |
| 6.67 |
| 5.91% |
| 5.89% |
| |

Fund Codes (MMF)

| Series | FE | LL2 | LL3 | DSC | NL |
|---------------|-------|-------|-------|-------|-------|
| Advisor | 3587 | 3888 | 3787 | 3487 | _ |
| Advisor - DCA | 23587 | 23888 | 23787 | 23487 | — |
| F | _ | _ | _ | _ | 3687 |
| F - DCA | _ | _ | _ | _ | 23687 |
| FT6 | _ | _ | _ | _ | 3987 |
| T6 | 3588 | 3988 | 3788 | 3488 | _ |

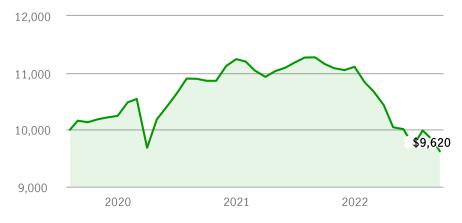
DSC/LL2/LL3 load options are available for switches only and are not available for new purchases.

Why invest?

- This global fixed income fund will invest in a diversified portfolio of global fixed income securities of varying maturities. The portfolio sub-advisor will actively manage the fund's regional, country and currency allocations, and may invest in securities from both developed and emerging markets.
- Types of investments may include Government bonds, investment grade and high yield corporate bonds, bank loans and floating rate instruments, mortgage and asset-backed securities among others.
- Allocations to fixed income securities rated below investment grade such as high yield corporate bonds and certain emerging market sovereign bonds will typically range between 20% and 30%.

Performance

Growth of \$10,000 since inception⁶



Calendar Returns (%)

| - - - - - 9.74 -1.20 Compound Returns (%) 1 Mth 3 Mth 6 Mth YTD 1 Yr 3 Yrs 5 Yrs 10 Yrs 15 Yrs 20 Yrs Inception -1.82 -2.04 -8.11 -11.71 -13.01 -1.17 - - - -0.63 Risk Standard Sortino Sharpe Alpha Beta R-Squared (%) | | | | • | | | | | | | | |
|--|---------|------------------|---------|--------|--------|-------|-------|--------|--------|------|--------|----------|
| Compound Returns (%) 1 Mth 3 Mth 6 Mth YTD 1 Yr 3 Yrs 5 Yrs 10 Yrs 15 Yrs 20 Yrs Inception -1.82 -2.04 -8.11 -11.71 -13.01 1.17 - </th <th>2012</th> <th>2013</th> <th>2014</th> <th>201</th> <th>5</th> <th>2016</th> <th>2017</th> <th>2018</th> <th>201</th> <th>9</th> <th>2020</th> <th>2021</th> | 2012 | 2013 | 2014 | 201 | 5 | 2016 | 2017 | 2018 | 201 | 9 | 2020 | 2021 |
| -1.82 -2.04 -8.11 -11.71 -13.01 -1.17 - | _ | _ | _ | _ | | _ | _ | _ | _ | | 9.74 | -1.20 |
| -1.82 -2.04 -8.11 -11.71 -13.01 -1.17 - | Comp | oound R | leturns | (%) | | | | | | | | |
| RiskStandardSortinoSharpe RatioAlphaBetaR-Squared (%)Fund7.67-0.19-0.272.341.4362.12 | 1 Mth | 3 Mth | 6 Mth | YTD | 1 Yr | 3 Yrs | 5 Yrs | 10 Yrs | 15 Yrs | 20 | Yrs I | nception |
| Measures (3 yr.) Deviation (%) Ratio Ratio Alpha Beta R-Squared (%) Fund 7.67 -0.19 -0.27 2.34 1.43 62.12 | -1.82 | -2.04 | -8.11 | -11.71 | -13.01 | -1.17 | _ | _ | _ | _ | - | 0.63 |
| | | res (3 yr.) | | | 6) | | | · A | lpha E | Beta | R-Squa | red (%) |
| Benchmark ⁷ 4.10 -0.69 -0.72 | Fund | | 7.67 | | | -0.19 | -0.27 | 7 2 | .34 1 | .43 | 62.12 | |
| | Benchma | ark ⁷ | 4.10 | | | -0.69 | -0.72 | 2 – | | _ | _ | |

Manulife Investment Management

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Investment note Commentary

Management

Sub Advisor:

Manulife Investment Management (US) LLC



Caryn Rothman

Annual Distributions³

| | Income | Dividends | Capital Gains | Return of Capital | Total |
|------|--------|-----------|------------------|----------------------|--------|
| 2021 | \$0.33 | _ | \$0.51 | _ | \$0.84 |
| 2020 | \$0.35 | - | \$0.19 | _ | \$0.53 |
| 2019 | \$0.12 | _ | _ | _ | \$0.12 |

Management Fee Reduction Rates⁸

| All Qualifying Investments |
|----------------------------|
| 2.50 basis points |
| 5.00 basis points |
| 7.50 basis points |
| 10.00 basis points |
| 12.50 basis points |
| |

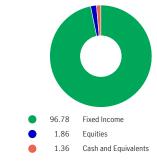
Top 10 Holdings (%) ⁹

| 1. United States Treasury Note, 3.25%, 5/15/2042 | 4.78 |
|--|------|
| 2. United States Treasury Note, 2.25%, 2/15/2052 | 3.19 |
| 3. United States Treasury Note, 3.25%, 6/30/2027 | 2.27 |
| 4. Marathon Clo X Ltd, 11/15/2029 | 0.99 |
| 5. Federal Home Loan Mortgage Corporation - Pool Number ZT0499, 8/1/2048 | 0.98 |
| 6. AerCap Ireland Capital Designated Activity Co., 2.45%, 10/29/2026 | 0.97 |
| 7. Scentre Management Limited, 3.63%, 1/22/2026 | 0.91 |
| 8. Americredit Automobile Receivables Trust 2019-3, 2.58%, 3/18/2025 | 0.90 |
| 9. Driven Brands Funding LLC, 3.237%, 1/20/2051 | 0.82 |
| 10.Bank of America Corp. (FRN), 2.97%, 2/4/2033 | 0.80 |

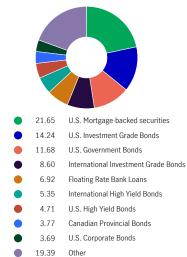
Portfolio Allocation

Geographic Allocation (%) 65.88 United States 9.68 Canada 2.99 United Kingdom 2.95 Cayman Islands Japan 1.77 Netherlands 1.68 1.55 France 1.50 Ireland 1.45 Mexico 10.56 Other

Asset Allocation (%)



Fixed Income Allocation (%)



Manulife Balanced Portfolio

Series F • Performance as at August 31, 2022 • Holdings as at July 31, 2022

Overview

Overall Morningstar Rating¹

★★★☆

Key Facts

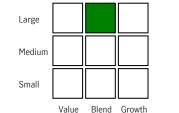
Management Team: Manulife Multi-Asset Solutions Team Inception date: May 5, 2017 AUM²: \$835.20M CIFSC category: Global Neutral Balanced Distribution frequency ³: Annual Positions: 5232 Management fee: 0.77% MER: 1.22% (as at 2021-12-31, includes HST) Min. investment: \$500 initial; \$25 PAC Fund Status: Open Risk: Low to Moderate



Equity Characteristics

| onaraoteristics | |
|--------------------|----------|
| P/E Ratio | 15.16 |
| P/B Ratio | 2.32 |
| P/CF Ratio | 10.64 |
| ROE | 21.35% |
| Average Market Cap | \$68.49B |
| Dividend Yield | 2.59% |
| | |

Equity Style Box⁴



Fund Codes (MMF)

| Series | FE | LL2 | LL3 | DSC | NL |
|---------------|-------|-------|-------|-------|-------|
| Advisor | 3579 | 3280 | 3779 | 3479 | _ |
| Advisor - DCA | 23579 | 23280 | 23779 | 23479 | _ |
| F | _ | _ | _ | _ | 3679 |
| F - DCA | _ | _ | _ | _ | 23679 |
| FT6 | _ | — | _ | _ | 3979 |
| Т6 | 3580 | 3380 | 3780 | 3480 | _ |

The fund's portfolio is biased toward large-cap

blend stocks.

DSC/LL2/LL3 load options are available for switches only and are not available for new purchases.

Why invest?

- One ticket, multi-asset investment solution for accessing active asset allocation from Manulife Investment Management's Multi-Asset Solutions Team
- Seeks long-term capital appreciation, with a secondary focus on income generation within a broadly diversified, risk-targeted portfolio.
- Combines strategic asset allocation that aims to drive consistent long-term results and diversification benefits, with a built-in opportunistic approach which seeks to capitalize on short-term market opportunities and help minimize risk.
- Diverse mix of quality underlying mutual funds and exchange-traded funds managed by Manulife Investment Management and experienced sub-advisors Mawer Investment Management Limited, Dimensional Fund Advisors Canada ULC and Brookfield Investment Management Inc.

Performance

Growth of \$10,000 since inception⁵



Calendar Returns (%)

| ouror | | | ~ | | | | | | | | |
|---------------|------------------|--------|------------------|--------|------------------|-------|-------------|--------|-------|-------|-----------|
| 2012 | 2013 | 2014 | 201 | .5 | 2016 | 2017 | 20 | 18 2 | 019 | 2020 | 2021 |
| _ | _ | _ | _ | | _ | — | -3.4 | 48 1 | 5.92 | 10.31 | 9.75 |
| Comp | oound R | eturns | (%) | | | | | | | | |
| 1 Mth | 3 Mth | 6 Mth | YTD | 1 Yr | 3 Yrs | 5 Yrs | 10 Yr | s 15 Y | rs 20 |) Yrs | Inception |
| -1.96 | -2.55 | -7.08 | -12.07 | -10.90 | 3.16 | 4.36 | _ | _ | _ | | 3.80 |
| | | | | | | | | | | | |
| Risk Measu | res (5 yr.) | | dard ation (% | %) | Sortino Ratio | | arpe tio | Alpha | Beta | R-Squ | ared (%) |
| Fund | | 8.49 | | | 0.74 | 0.1 | 7 | -1.36 | 1.11 | 93.12 | |
| Benchma | ark ⁶ | 7 65 | | | 1.03 | 0.3 | 2 | _ | _ | _ | |

Investment note

Commentary

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Manulife Investment Management

Management

Portfolio advisor:

Manulife Multi-Asset Solutions Team





James

Robertson

Annual Distributions³

| | Income | Dividends | Capital Gains | Return of Capital | Total |
|------|--------|-----------|------------------|----------------------|--------|
| 2021 | \$0.14 | \$0.03 | \$0.53 | _ | \$0.70 |
| 2020 | \$0.12 | \$0.03 | \$0.14 | _ | \$0.28 |
| 2019 | \$0.14 | \$0.04 | \$0.07 | \$0.00 | \$0.24 |
| 2018 | \$0.14 | \$0.03 | \$0.23 | _ | \$0.40 |
| 2017 | \$0.09 | \$0.02 | \$0.32 | _ | \$0.42 |

Management Fee Reduction Rates⁷

| Account/Household Value Tiers | All Qualifying Investments |
|-------------------------------|----------------------------|
| \$250K+ to \$499K | 2.50 basis points |
| \$500K+ to \$999K | 5.00 basis points |
| \$1M+ to \$4.9M | 7.50 basis points |
| \$5M+ to \$9.9M | 10.00 basis points |
| \$10M+ | 12.50 basis points |
| | • |

Recent Developments

On March 1, 2022, we reduced the management fees on some series of this fund. For more information, refer to the Press Release

> Press Release

Top 10 Underlying Fund Holdings (%) ⁸

| 1. Manulife Strategic Income Fund | 12.31 |
|--|-------|
| 2. Manulife World Investment Fund | 8.89 |
| 3. Manulife Bond Fund | 8.79 |
| 4. Manulife U.S. All Cap Equity Fund | 8.37 |
| 5. Manulife Global Dividend Fund | 7.75 |
| 6. Manulife Fundamental Equity Fund | 6.55 |
| 7. Manulife Dividend Income Fund | 6.43 |
| 8. Manulife Multifactor Canadian Large Cap | 6.33 |
| 9. Manulife Corporate Bond Fund | 5.27 |
| 10.Manulife Global Unconstrained Bond Fund | 3.97 |

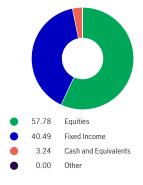
10.Manulife Global Unconstrained Bond Fund

Portfolio Allocation

Geographic Allocation (%)

36.36 United States 35.45 Canada 5.07 United Kingdom 2.43 Brazil 2.24 France China 1.94 1.79 Japan 1.62 Netherlands 1.43 Ireland 11.66 Other

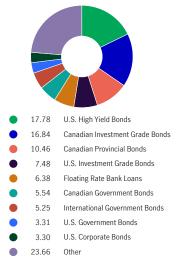
Asset Allocation (%)



Sector Allocation (Equities) (%)



Fixed Income Allocation (%)



Management sales team Manulife Investment

nvestment note Commentary

Star performers

Fund profile index

Series F • Performance as at August 31, 2022 • Holdings as at July 31, 2022

Overview

Overall Morningstar Rating¹

Key Facts

Management Team: Manulife Multi-Asset Solutions Team Inception date: May 5, 2017 AUM²: \$465.69M CIFSC category: Global Fixed Income Balanced Distribution frequency ³: Quarterly Distribution vield⁴: 1.96% Positions: 3540 Management fee: 0.69% MER: 1.09% (as at 2021-12-31, includes HST) Min. investment: \$500 initial; \$25 PAC Fund Status: Open Risk: Low



Equity Characteristics

| Characteristics | |
|--------------------|----------|
| P/E Ratio | 16.44 |
| P/B Ratio | 2.42 |
| P/CF Ratio | 10.30 |
| ROE | 21.62% |
| Average Market Cap | \$66.23B |
| Dividend Yield | 2.65% |

Equity Style Box⁵



The fund's portfolio is biased toward large-cap blend stocks.

Value Blend Growth

Fund Codes (MMF)

| Series | FE | LL2 | LL3 | DSC | NL |
|---------------|-------|-------|-------|-------|-------|
| Advisor | 3575 | 3275 | 3775 | 3475 | _ |
| Advisor - DCA | 23575 | 23275 | 23775 | 23475 | _ |
| F | _ | _ | _ | _ | 3675 |
| F - DCA | _ | _ | _ | _ | 23675 |
| FT6 | _ | _ | _ | _ | 3975 |
| Т6 | 3576 | 3276 | 3776 | 3476 | _ |

DSC/LL2/LL3 load options are available for switches only and are not available for new purchases.

Why invest?

- One ticket, multi-asset investment solution for accessing active asset allocation from Manulife Investment Management's Multi-Asset Solutions Team
- Seeks capital preservation, along with a secondary focus on income, within a broadly diversified, risktargeted portfolio.
- Combines strategic asset allocation that aims to drive consistent long-term results and diversification • benefits, with a built-in opportunistic approach which seeks to capitalize on short-term market opportunities and help minimize risk.
- Diverse mix of quality underlying mutual funds and exchange-traded funds managed by Manulife Investment Management and experienced sub-advisors Mawer Investment Management Limited, Dimensional Fund Advisors Canada ULC and Brookfield Investment Management Inc.

Performance

Growth of \$10,000 since inception⁶



Calendar Returns (%)

| -1.96 | -1.95 | -5.72 | -9.21 | -8.55 | 0.41 | 2.40 | _ | _ | _ | 2.09 | |
|----------------------|-------|-------|-------|-------|-------|-------|--------|--------|--------|-----------|--|
| 1 Mth | 3 Mth | 6 Mth | YTD | 1 Yr | 3 Yrs | 5 Yrs | 10 Yrs | 15 Yrs | 20 Yrs | Inception | |
| Compound Returns (%) | | | | | | | | | | | |
| _ | — | _ | — | | _ | _ | -1.25 | 11.10 | 7.22 | 3.30 | |
| 2012 | 2013 | 2014 | 201 | 15 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | |

| Measures (5 yr.) | Deviation (%) | Ratio | Ratio | Alpha | Beta | R-Squared (%) |
|------------------------|---------------|-------|-------|-------|------|---------------|
| Fund | 5.71 | 0.60 | -0.05 | -0.03 | 1.21 | 69.21 |
| Benchmark ⁷ | 5.21 | 0.57 | -0.10 | _ | — | _ |

Management sales team

Manulife Investment

Investment note

Commentary

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Manulife Investment Management

Management

Portfolio advisor: Manulife Multi-Asset Solutions Team





James

Robertson

Annual Distributions³

| | Income | Dividends | Capital Gains | Return of Capital | Total |
|------|--------|-----------|------------------|----------------------|--------|
| 2021 | \$0.18 | \$0.01 | \$0.21 | _ | \$0.40 |
| 2020 | \$0.19 | \$0.01 | \$0.11 | _ | \$0.31 |
| 2019 | \$0.20 | \$0.02 | \$0.07 | _ | \$0.29 |
| 2018 | \$0.23 | \$0.01 | \$0.06 | _ | \$0.30 |
| 2017 | \$0.14 | \$0.01 | \$0.27 | _ | \$0.42 |

Management Fee Reduction Rates⁸

| Account/Household Value Tiers | All Qualifying Investments |
|-------------------------------|----------------------------|
| \$250K+ to \$499K | 2.50 basis points |
| \$500K+ to \$999K | 5.00 basis points |
| \$1M+ to \$4.9M | 7.50 basis points |
| \$5M+ to \$9.9M | 10.00 basis points |
| \$10M+ | 12.50 basis points |

Recent Developments

On March 1, 2022, we reduced the management fees on some series of this fund. For more information, refer to the Press Release

> Press Release

Top 10 Underlying Fund Holdings (%) ⁹

| 1. Manulife Bond Fund | 22.52 |
|---|-------|
| 2. Manulife Strategic Income Fund | 22.44 |
| 3. Manulife Smart Short-Term Bond ETF | 6.80 |
| 4. Manulife Corporate Bond Fund | 5.73 |
| 5. Manulife Global Unconstrained Bond Fund | 5.32 |
| 6. Vanguard Canadian Aggregate Bond Index ETF | 4.42 |
| 7. Manulife U.S. Unconstrained Bond Fund | 3.98 |
| 8. Manulife Global Equity Class | 3.64 |
| 9. Manulife Fundamental Equity Fund | 3.37 |
| 10.Manulife Dividend Income Fund | 3.36 |

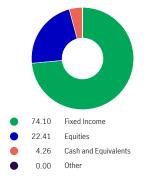
10.Manulife Dividend Income Fund

Portfolio Allocation

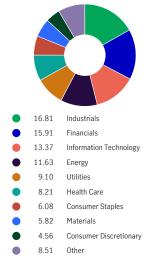
Geographic Allocation (%)

51.01 Canada 32.97 United States 2.63 United Kingdom 1.47 Brazil 0.96 France Ireland 0.87 Luxembourg 0.86 0.76 Netherlands 0.74 Indonesia 7.73 Other

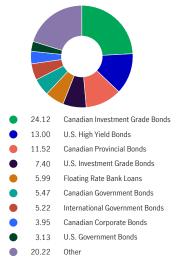
Asset Allocation (%)



Sector Allocation (Equities) (%)



Fixed Income Allocation (%)



Management sales team Manulife Investment

Manulife Growth Portfolio

Series F • Performance as at August 31, 2022 • Holdings as at July 31, 2022

The fund's portfolio is

blend stocks.

biased toward large-cap

Overview

Overall Morningstar Rating¹

Key Facts

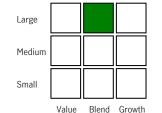
Management Team: Manulife Multi-Asset Solutions Team Inception date: May 5, 2017 AUM²: \$492.25M CIFSC category: Global Equity Balanced Distribution frequency ³: Annual Positions: 5307 Management fee: 0.84% MER: 1.28% (as at 2021-12-31, includes HST) Min. investment: \$500 initial; \$25 PAC Fund Status: Open Risk: Low to Moderate



Equity Characteristics

| 15.13 |
|----------|
| 2.33 |
| 10.66 |
| 21.37% |
| \$68.75B |
| 2.56% |
| |

Equity Style Box⁴



Fund Codes (MMF)

| Series | FE | LL2 | LL3 | DSC | NL |
|---------------|-------|-------|-------|-------|-------|
| Advisor | 3581 | 3882 | 3781 | 3481 | _ |
| Advisor - DCA | 23581 | 23882 | 23781 | 23481 | _ |
| F | _ | _ | _ | _ | 3681 |
| F - DCA | _ | _ | _ | _ | 23681 |
| FT6 | _ | _ | _ | _ | 3981 |
| Т6 | 3582 | 3982 | 3782 | 3482 | _ |

DSC/LL2/LL3 load options are available for switches only and are not available for new purchases.

Why invest?

- One ticket, multi-asset investment solution for accessing active asset allocation from Manulife Investment Management's Multi-Asset Solutions Team.
- Seeks long-term capital appreciation within a broadly diversified, risk-targeted portfolio. .
- Combines strategic asset allocation that aims to drive consistent long-term results and diversification benefits, with a built-in opportunistic approach which seeks to capitalize on short-term market opportunities and help minimize risk.
- Diverse mix of quality underlying mutual funds and exchange-traded funds managed by Manulife Investment Management and experienced sub-advisors Mawer Investment Management Limited, Dimensional Fund Advisors Canada ULC and Brookfield Investment Management Inc.

Performance

Growth of \$10,000 since inception⁵



Calendar Returns (%)

| 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|------|------|------|------|------|------|-------|-------|-------|-------|
| _ | _ | _ | _ | _ | _ | -4.75 | 17.86 | 11.74 | 12.51 |

Compound Returns (%)

| 1 Mth | 3 Mth | 6 Mth | YTD | 1 Yr | 3 Yrs | 5 Yrs | 10 Yrs | 15 Yrs | 20 Yrs | Inception |
|-------|-------|-------|--------|--------|-------|-------|--------|--------|--------|-----------|
| -1.89 | -2.81 | -7.38 | -12.71 | -11.41 | 4.55 | 5.27 | _ | _ | _ | 4.61 |

| Risk Measures (5 yr.) | Standard Deviation (%) | Sortino Ratio | Sharpe Ratio | Alpha | Beta | R-Squared (%) |
|--------------------------|---------------------------|------------------|-----------------|-------|------|---------------|
| Fund | 9.76 | 0.78 | 0.24 | -1.57 | 1.05 | 96.22 |
| Benchmark ⁶ | 9.29 | 1.06 | 0.40 | _ | _ | _ |

Investment note

Star performers

Commentary

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Manulife Investment Management

Management

Portfolio advisor:

Manulife Multi-Asset Solutions Team





James

Robertson

Annual Distributions³

| | Income | Dividends | Capital Gains | Return of Capital | Total |
|------|--------|-----------|------------------|----------------------|--------|
| 2021 | \$0.10 | \$0.03 | \$0.75 | _ | \$0.88 |
| 2020 | \$0.07 | \$0.03 | \$0.19 | _ | \$0.29 |
| 2019 | \$0.07 | \$0.05 | \$0.01 | \$0.00 | \$0.13 |
| 2018 | \$0.07 | \$0.04 | \$0.30 | _ | \$0.41 |
| 2017 | \$0.05 | \$0.02 | \$0.30 | _ | \$0.37 |

Management Fee Reduction Rates⁷

| Account/Household Value Tiers | All Qualifying Investments |
|-------------------------------|----------------------------|
| \$250K+ to \$499K | 2.50 basis points |
| \$500K+ to \$999K | 5.00 basis points |
| \$1M+ to \$4.9M | 7.50 basis points |
| \$5M+ to \$9.9M | 10.00 basis points |
| \$10M+ | 12.50 basis points |

Recent Developments

On March 1, 2022, we reduced the management fees on some series of this fund. For more information, refer to the Press Release

> Press Release

Top 10 Underlying Fund Holdings (%) ⁸

| 1. | Manulife U.S. All Cap Equity Fund | 10.56 |
|----|--|-------|
| 2. | Manulife World Investment Fund | 10.21 |
| 3. | Manulife Global Dividend Fund | 8.58 |
| 4. | Manulife Fundamental Equity Fund | 7.78 |
| 5. | Manulife Dividend Income Fund | 7.62 |
| 6. | Manulife Multifactor Canadian Large Cap | 7.55 |
| 7. | MIM Global Small Cap Equity Pooled Fund | 4.61 |
| 8. | Manulife Emerging Markets Fund | 4.43 |
| 9. | Manulife Corporate Bond Fund | 4.37 |
| 10 | Manulife Global Unconstrained Bond Fund. | 3.96 |

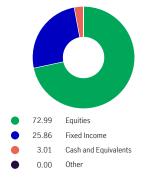
10.Manulife Global Unconstrained Bond Fund

Portfolio Allocation

Geographic Allocation (%)

37.31 United States 32.28 Canada 5.60 United Kingdom 2.61 Brazil 2.53 France 2.46 Japan 2.30 China 1.75 Netherlands 1.57 Ireland 11.60 Other

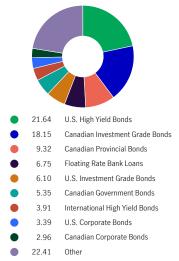
Asset Allocation (%)



Sector Allocation (Equities) (%)



Fixed Income Allocation (%)



Manulife Moderate Portfolio

Series F • Performance as at August 31, 2022 • Holdings as at July 31, 2022

Overview

Overall Morningstar Rating¹

Key Facts

Management Team: Manulife Multi-Asset Solutions Team Inception date: May 5, 2017 AUM²: \$397.81M CIFSC category: Global Fixed Income Balanced Distribution frequency ³: Quarterly Distribution yield⁴: 1.60% Positions: 4250 Management fee: 0.70% MER: 1.12% (as at 2021-12-31, includes HST) Min. investment: \$500 initial; \$25 PAC Fund Status: Open Risk: Low



Equity Characteristics

| P/E Ratio | 15.59 |
|--------------------|----------|
| P/B Ratio | 2.32 |
| P/CF Ratio | 10.39 |
| ROE | 20.19% |
| Average Market Cap | \$59.56B |
| Dividend Yield | 2.68% |
| | |

Equity Style Box⁵



The fund's portfolio is biased toward large-cap blend stocks.

Value Blend Growth

Fund Codes (MMF)

| Series | FE | LL2 | LL3 | DSC | NL |
|---------------|-------|-------|-------|-------|-------|
| Advisor | 3577 | 3176 | 3777 | 3477 | _ |
| Advisor - DCA | 23577 | 23176 | 23777 | 23477 | _ |
| F | _ | — | _ | _ | 3677 |
| F - DCA | _ | _ | _ | _ | 23677 |
| FT6 | _ | _ | _ | _ | 3977 |
| T6 | 3578 | 3376 | 3778 | 3478 | _ |

DSC/LL2/LL3 load options are available for switches only and are not available for new purchases.

Why invest?

- One ticket, multi-asset investment solution for accessing active asset allocation from Manulife Investment Management's Multi-Asset Solutions Team
- Seeks long-term growth consistent with capital preservation, along with a secondary focus on income, within a broadly diversified, risk-targeted portfolio.
- Combines strategic asset allocation that aims to drive consistent long-term results and diversification benefits, with a built-in opportunistic approach which seeks to capitalize on short-term market opportunities and help minimize risk.
- Diverse mix of quality underlying mutual funds and exchange-traded funds managed by Manulife Investment Management and experienced sub-advisors Mawer Investment Management Limited, Dimensional Fund Advisors Canada ULC and Brookfield Investment Management Inc.

Performance

Growth of \$10,000 since inception⁶



Calendar Returns (%)

| 2012 | 2013 | 2014 | 201 | 5 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|------------------|--------|----------|--------|-------|---------|-------------|--------|--------------------|--------|-----------|
| _ | _ | — | — | | _ | — | -2.75 | 13.15 | 9.07 | 5.58 |
| Comp | ound R | eturns (| (%) | | | | | | | |
| 1 Mth | 3 Mth | 6 Mth | YTD | 1 Yr | 3 Yrs | 5 Yrs | 10 Yrs | 15 Yrs | 20 Yrs | Inception |
| -1.95 | -2.22 | -6.32 | -10.37 | -9.70 | 1.63 | 3.20 | _ | _ | _ | 2.81 |
| Risk | | Stan | dard | | Sortino | Sha | rpe | | | |
| Measures (5 yr.) | | | | | | Ratio Alpha | | Beta R-Squared (%) | | |

| Measures (5 yr.) | Deviation (%) | Ratio | Ratio | Alpha | Beta | R-Squared (%) |
|------------------------|---------------|-------|-------|-------|------|---------------|
| Fund | 6.88 | 0.67 | 0.06 | -0.78 | 1.19 | 82.50 |
| Benchmark ⁷ | 5.94 | 0.87 | 0.13 | _ | _ | _ |

Investment note

Star performers

Fund profile index

Commentary

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Manulife Investment Management

Management

Portfolio advisor: Manulife Multi-Asset Solutions Team

Nathan

Thooft





James

Robertson

Annual Distributions³

| | Income | Dividends | Capital Gains | Return of Capital | Total |
|------|--------|-----------|------------------|----------------------|--------|
| 2021 | \$0.15 | \$0.02 | \$0.39 | _ | \$0.56 |
| 2020 | \$0.16 | \$0.02 | \$0.13 | _ | \$0.31 |
| 2019 | \$0.17 | \$0.03 | \$0.05 | _ | \$0.25 |
| 2018 | \$0.17 | \$0.02 | \$0.14 | _ | \$0.33 |
| 2017 | \$0.10 | \$0.01 | \$0.29 | _ | \$0.41 |

Management Fee Reduction Rates⁸

| All Qualifying Investments |
|----------------------------|
| 2.50 basis points |
| 5.00 basis points |
| 7.50 basis points |
| 10.00 basis points |
| 12.50 basis points |
| |

Recent Developments

On March 1, 2022, we reduced the management fees on some series of this fund. For more information, refer to the Press Release

> Press Release

Top 10 Underlying Fund Holdings (%) ⁹

| 1 | . Manulife Strategic Income Fund | 19.57 |
|---|---|-------|
| 2 | . Manulife Bond Fund | 15.20 |
| З | . Manulife Corporate Bond Fund | 5.80 |
| 4 | . Manulife U.S. All Cap Equity Fund | 5.11 |
| 5 | . Manulife Fundamental Equity Fund | 4.78 |
| 6 | . Manulife Dividend Income Fund | 4.77 |
| 7 | . Manulife Smart Short-Term Bond ETF | 4.73 |
| 8 | . Manulife Multifactor Canadian Large Cap | 4.54 |
| ç | . Manulife Global Unconstrained Bond Fund | 4.47 |
| 1 | 0.Manulife World Investment Fund | 4.39 |

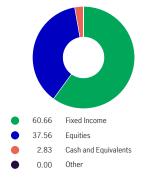
10.Manulife World Investment Fund

Portfolio Allocation

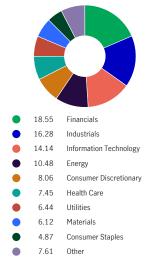
Geographic Allocation (%)

43.62 Canada 33.87 United States 3.73 United Kingdom 1.87 Brazil 1.50 China 1.39 France 1.19 Japan 1.03 Ireland 1.03 Netherlands 10.78 Other

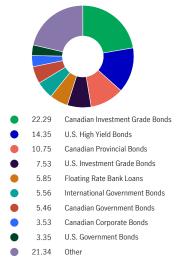
Asset Allocation (%)



Sector Allocation (Equities) (%)



Fixed Income Allocation (%)



Fund profiles

Asset under management: Asset

under management includes all classes/ series combined.

Distribution yield: Distribution yield is calculated based on prior 12-month rolling average of paid distributions and using average month-end net asset value, per security. The distribution yield does not include any year-end capital gains distributions paid in addition to the regular monthly distributions. Distribution yield should not be confused with a fund's performance or rate of return.

Top 10 holdings: Holdings are subject to change. They are not recommendations to buy or sell any security.

Average credit quality (ACQ) rating:

Average credit quality (ACQ) rating may change over time. The portfolio itself has not been rated by an independent rating agency. The fund's underlying investments (except for unrated assets) are rated by designated rating organizations. The ratings generally range from AAA (highest) to D (lowest). Unrated bonds, cash and equivalents are not assigned ratings, and are not included in the ACQ. ACQ does not necessarily reflect the credit rating and default risks of individual holdings and its potential impact on an overall portfolio. The risk of default increases as a bond's rating decreases, so the ACQ provided is not a statistical measurement of the portfolio's default risk because a simple, weighted average does not measure the increasing level of risk from lower-rated bonds. The ACQ may be lower if cash and equivalents are excluded from the calculation. The ACQ is provided for informational purposes only. Derivative positions are not reflected in the ACQ*.

*Source: Blomberg Barclays Point

Growth of \$10,000 chart: For illustration purposes only. The rate of return shown is used only to illustrate the effects of the compound growth rate and is not intended to reflect future values of the investment fund or returns on investment in the investment fund.

Distributions: The payment of distributions is not guaranteed and may fluctuate. If distributions paid by the fund are greater than the performance of the fund, then your original investment will shrink. Distributions should not be confused with a fund's performance, rate of return, or yield. You may also receive return of capital distributions from a fund. Please consult with your tax advisor regarding the tax implications of receiving distributions. See the prospectus for more information on a fund's distributions policy.

Source for all data: Transmission Media, as at August 31, 2022.

(i)

Important note: The fund profile

without all notes and disclaimer.

information is not complete

Star performers

< >

Investment note

Commentary



Fund profiles

Manulife Investment Management

For more information, please contact your Manulife Investment Management representative or visit manulifeim.ca

Commissions, trailing commissions, management fees and expenses all may be associated with mutual fund investments. Please read the fund facts as well as the prospectus before investing. The indicated rates of return are the historical annual compounded total returns including changes in share or unit value and reinvestment of all dividends or distributions and do not take into account sales, redemption, distribution or optional charges or income taxes payable by any securityholder that would have reduced returns. Mutual funds are not guaranteed, their values change frequently and past performance may not be repeated.

For exchange traded funds (ETFs): Commissions, management fees and expenses all may be associated with exchange traded funds (ETFs). Investment objectives, risks, fees, expenses and other important information are contained in the prospectus, please read it before investing. ETFs are not guaranteed, their values change frequently and past performance may not be repeated.

For asset allocation portfolios: Commissions, trailing commissions, management fees and expenses all may be associated with mutual fund investments and the use of an asset allocation service. Please read the prospectus of the mutual funds in which investment may be made under the asset allocation service before investing. The indicated rates of return are the historical annual compounded total returns assuming the investment strategy recommended by the asset allocation service is used and after deduction of the fees and charges in respect of the service. The returns are based on the historical annual compounded total returns of the participating funds including changes in share/unit value and reinvestment of all dividends/distributions and do not take into account sales, redemption, distribution or optional charges or income taxes payable by any securityholder in respect of a participating fund that would have reduced returns. Mutual funds are not guaranteed, their values change frequently and past performance may not be repeated.

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