**Target-date fund** Quarterly commentary

# John Hancock Multimanager 2020 Lifetime Portfolio

A: JLDAX I: JHRVX R2: JLDEX R4: JLDGX R5: JLDHX R6: JLDIX

| Objective | Use for | Morningstar category |
|---|---|---|
| High total return through its target retirement date | One-stop retirement investment | Target-Date 2020 |

## Quarterly commentary

- Financial assets performed well in the second quarter amid a resurgence in investors' appetite for risk.
- The fund registered a positive absolute return but trailed the benchmark.
- Underlying active management contributed positively, while asset allocation detracted.

### Market review and outlook

The world equity markets produced strong returns in the quarter, albeit with elevated volatility caused by daily headlines from the Middle East. Investors gradually grew more confident that the conflict in Iran would wind down quickly and have only a limited impact on global growth, leading to a significant rebound in stocks off of their March lows. Equities were further boosted by corporate earnings that came in well above expectations, particularly for U.S. technology companies. AI continued to be a dominant theme, fueling outsized gains in semiconductor and memory stocks, helping the growth style outperform value. At the same time, the Magnificent Seven group of mega-cap tech companies lagged on worries that heavy investment in AI was reducing their cash flows.

Bonds delivered only modest gains, as renewed inflation concerns stemming from the Iran conflict raised the prospect of tighter central bank policy in the second half of the year. Credit-oriented segments exhibited relative strength as improvements in investor risk appetites led to a decline in yield spreads from their late-March highs.

### Contributors and detractors

The fund's active managers outperformed their respective benchmarks as a group in the quarter. The best results occurred in developed-market international equities, followed by fixed income.

Asset allocation detracted from relative performance and offset some of the contribution from active management. The real assets portfolio was the largest detractor, as its position in the energy sector weakened amid the pullback in crude oil prices. The fund's allocation to defensive equities, which were out of favor at a time of heightened speculation and investors' focus on AI, also hurt performance. An underweight in U.S. large caps further detracted, given the category's strong showing. On the plus side, an overweight in equities versus bonds contributed, given the wide performance gap between the two categories. Allocation within fixed income was another positive, largely driven by an overweight in emerging-market bonds.

### Portfolio changes

While index performance was robust in both the quarter and the first half of the year, the environment was also characterized by elevated headline risk, heightened volatility, and a wide dispersion in returns at the individual stock level. In addition, technology stocks have grown to increasingly large weightings in the major equity indexes as investors continue to pour cash into AI-related companies. This dynamic can lead to swings in the portfolio's relative performance on a short-term basis, given our diversified strategy and focus on long-term returns. However, we don't react to news events or chase "hot" sectors since attempts to time the market are typically a headwind for investor returns. Instead, we maintain a steady portfolio with exposure to a wide range of asset classes. We believe this approach is especially important at present due to the financial markets' increasing dependence on the AI theme to drive returns.

## Managed by

Manulife
Investment Management

Established asset manager with global resources and expertise extending across equity, fixed-income, and alternative investments as well as asset allocation strategies

## Portfolio Manager(s)

**David Kobuszewski, CFA**
On the fund since 2023.
Investing since 1999

**Nathan W. Thooft, CFA**
On the fund since 2013.
Investing since 1999

**Robert E. Sykes, CFA**
On the fund since 2018.
Investing since 2001

**Geoffrey Kelley, CFA**
On the fund since 2023.
Investing since 1994

## Average annual total returns[1,2,3]

%

| | Qtd | Ytd | 1 yr | 3 yr | 5 yr | 10 yr | Since inception | Inception date |
|---|---|---|---|---|---|---|---|---|
| Class R6 without sales charge | 6.16 | 6.29 | 12.69 | 10.52 | 4.72 | 7.38 | 5.85 | 10/30/06 |
| Class R4 without sales charge | 6.06 | 6.06 | 12.32 | 10.28 | 4.47 | 7.11 | 5.73 | 10/30/06 |
| S&P Target Date 2020 Index | 6.22 | 5.42 | 11.81 | 10.52 | 5.35 | 6.98 | 5.90 | — |
| John Hancock 2020 Lifetime Index | 5.68 | 5.93 | 13.07 | 10.60 | 5.11 | 7.51 | 6.74 | — |
| Target-date 2020 category | 6.14 | 5.69 | 11.77 | 10.32 | 4.65 | 6.49 | — | — |

| Expense ratios[4] | Gross | Net (what you pay) | Contractual through |
|---|---|---|---|
| Class R6 | 0.91% | 0.55% | 12/31/2026 |
| Class R4 | 1.26% | 0.80% | 12/31/2026 |

**The performance data shown represents past performance, which does not guarantee future results. Returns for periods shorter than one year are cumulative, and results for other share classes will vary. Shares will fluctuate in value and, when redeemed, may be worth more or less than their original cost. Current performance may be lower or higher than the performance cited. Performance figures assume that all distributions are reinvested. For the most recent month-end performance, visit jhinvestments.com.**

## 10 largest holdings[5]

%

| | Holding | % |
|---|---|---|
| 1. | Core Bond Fund (Wells Capital) | 13.03 |
| 2. | Bond Fund (MIM) | 12.51 |
| 3. | U.S. Sector Rotation Large Cap Sleeve (MIM) | 10.17 |
| 4. | Short Duration Bond Fund (MIM) | 8.32 |
| 5. | International Strategic Equity Allocation Fund (MIM) | 6.85 |
| 6. | Emerging Markets Debt Fund (MIM) | 4.69 |
| 7. | Strategic Income Opportunities Fund (MIM) | 4.50 |
| 8. | Diversified Real Asset Fund (MIM/Wellington) | 4.29 |
| 9. | High Yield Fund (MIM) | 3.69 |
| 10. | Disciplined Value International Fund (Boston Partners) | 3.36 |

**1** 10/30/06 is the inception date for the oldest class of shares, Class R1 shares. Class R6 shares were first offered on 9/1/11. Returns prior to this date are those of Class R1 shares and have not been adjusted for expenses; otherwise, returns would vary. **2** Comparison against the benchmark and Morningstar category is based on Class R6 shares. **3** It is not possible to invest in an index. Index definitions can be found within the "What you should know before Investing" section. **4** "Net (what you pay)" represents the effect of a contractual fee waiver and/or expense reimbursement and is subject to change. **5** Listed holdings reflect the largest portions of the fund's total and may change at any time. They are not recommendations to buy or sell any security. Data is expressed as a percentage of net assets and excludes cash and cash equivalents.

**What you should know before investing**

*The portfolio's performance depends on the advisor's skill in determining asset class allocations, the mix of underlying funds, and the performance of those underlying funds. The portfolio is subject to the same risks as the underlying funds and exchange-traded funds in which it invests: Stocks and bonds can decline due to adverse issuer, market, regulatory, or economic developments; foreign investing, especially in emerging markets, has additional risks, such as currency and market volatility and political and social instability; the securities of small companies are subject to higher volatility than those of larger, more established companies; and high-yield bonds are subject to additional risks, such as increased risk of default. Each portfolio's name refers to the approximate retirement year of the investors for whom the portfolio's asset allocation strategy is designed. The portfolios with dates further off initially allocate more aggressively to stock funds. As a portfolio approaches and passes its target date, the allocation will gradually migrate to more conservative, fixed-income funds. The principal value of each portfolio is not guaranteed, and you could lose money at any time, including at, or after, the target date. Liquidity—the extent to which a security may be sold or a derivative position closed without negatively affecting its market value, if at all—may be impaired by reduced trading volume, heightened volatility, rising interest rates, and other market conditions. Hedging and other strategic transactions may increase volatility and result in losses if not successful. Please see the portfolio's prospectus for additional risks.*

**The S&P Target Date 2020 Index** represents a broadly derived consensus of asset class exposure and glide path for target-date year 2020. The index allocates to equities and fixed income at varying levels according to a predetermined schedule related to the respective target date. Each of the **John Hancock Lifetime Indexes** is a customized blended index comprising some or all of the following component indices (ordered alphabetically): *Bloomberg U.S. Aggregate Bond Index* which tracks the performance of U.S. investment grade bonds in government, asset-backed, and corporate debt markets, *Bloomberg U.S. Corporate Bond 1-5 Year Index* which tracks the performance of the investment-grade, fixed-rate, taxable corporate bond market with maturities between one and five years, *Bloomberg U.S. Treasury TIPS 1-5 Year Index* which tracks inflation-protected securities issued by the U.S. Treasury with maturities from one to five years, *ICE BofA Long U.S. Treasury Principal STRIPS Index* which tracks the performance of long maturity Separate Trading of Registered Interest and Principal of Securities (STRIPS) representing the final principal payment of U.S. Treasury bonds, *ICE BofA U.S. High Yield Index* which tracks the performance of below-investment-grade U.S. dollar-denominated corporate bonds publicly issued in the U.S. domestic market and includes issues with a credit rating of BBB or below, *JP Morgan Emerging Markets Bond Index Global* which is a market-capitalization-weighted index that tracks the performance of U.S. dollar-denominated Brady bonds, Eurobonds, and traded loans issued by sovereign and quasisovereign entities, *MSCI Emerging Markets Index* which tracks the performance of publicly traded large- and mid-cap emerging-market stocks, *MSCI World Energy Index* which tracks the performance of publicly traded large- and mid-cap stocks of developed-market energy companies, *MSCI World ex USA Index* which index tracks the performance of publicly traded large- and mid-cap stocks of developed-market companies, excluding the U.S., *MSCI World Metals & Mining Index* which tracks the performance of publicly traded large- and mid-cap stocks of developed-market metals and mining companies, *Russell 2500 Index* which tracks the performance of the 2,500 smallest companies in the Russell 3000 Index, *S&P 500 Index* which index tracks the performance of 500 of the largest publicly traded companies in the U.S., *S&P Global ex-U.S. REIT Index* which tracks the performance of the global real estate market, excluding the U.S., *S&P Global Infrastructure Index* which tracks companies from around the world that represent the listed infrastructure industry while maintaining liquidity and tradability, *S&P U.S. REIT Index* which tracks the performance of the real estate market in the U.S., and *Morningstar LSTA US Leveraged Loan Index* which tracks the market-weighted performance of U.S. dollar-denominated institutional leveraged loan portfolios. It is not possible to invest in an index. The benchmark shown demonstrates how the fund's performance compares against the returns of similar investments, which may differ from the broad-based securities index shown in the fund's prospectus.

**Request a prospectus or summary prospectus from your financial professional, by visiting jhinvestments.com, or by calling us at 800-225-5291. The prospectus includes investment objectives, risks, fees, expenses, and other information that you should read and consider carefully before investing.**



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