

# BlackRock LifePath<sup>®</sup> Dynamic 2045 Fund

## Class R Shares | LPHRX

### Annual Shareholder Report — December 31, 2024

**BlackRock**

This annual shareholder report contains important information about BlackRock LifePath<sup>®</sup> Dynamic 2045 Fund (the "Fund") for the period of January 1, 2024 to December 31, 2024. You can find additional information about the Fund at [blackrock.com/fundreports](https://blackrock.com/fundreports). You can also request this information by contacting us at (800) 441-7762.

#### What were the Fund costs for the last year?

(based on a hypothetical \$10,000 investment)

Class name	Costs of a \$10,000 investment	Costs paid as a percentage of a \$10,000 investment
Class R Shares	\$102 <sup>(a)</sup>	0.95% <sup>(a)</sup>

<sup>(a)</sup> Excludes fees and expenses incurred indirectly as a result of investments in underlying funds.

#### How did the Fund perform last year?

- For the reporting period ended December 31, 2024, the Fund's Class R Shares returned 15.03%.
- For the same period, the Russell 1000<sup>®</sup> Index returned 24.51%, the Bloomberg U.S. Aggregate Bond Index returned 1.25% and the LifePath Dynamic 2045 Fund Custom Benchmark returned 14.38%.

#### What contributed to performance?

U.S. equities were the top contributor to absolute performance in the funds farthest from retirement, followed by international equities, Tactical Opportunities (a liquid macro strategy), real estate investment trusts ("REITs"), high yield bonds, and U.S. Treasury Inflation Protected Securities ("TIPS").

U.S. equities were the top contributor in the funds at and near retirement, followed by international equities, investment-grade fixed income, Tactical Opportunities (a liquid macro strategy), U.S. TIPS, REITs, and high yield bonds.

The funds used derivatives, including financial futures, swaps, and foreign currency transactions, as a means to hedge and/or take outright views on equities, interest rates, credit risk, and/or currencies. The use of derivatives as opposed to physical securities did not have a material impact on performance. The fund's cash positions had no material impact on performance.

#### What detracted from performance?

In the funds farthest from retirement, currency pair trades and positioning in investment-grade fixed income slightly detracted from absolute performance.

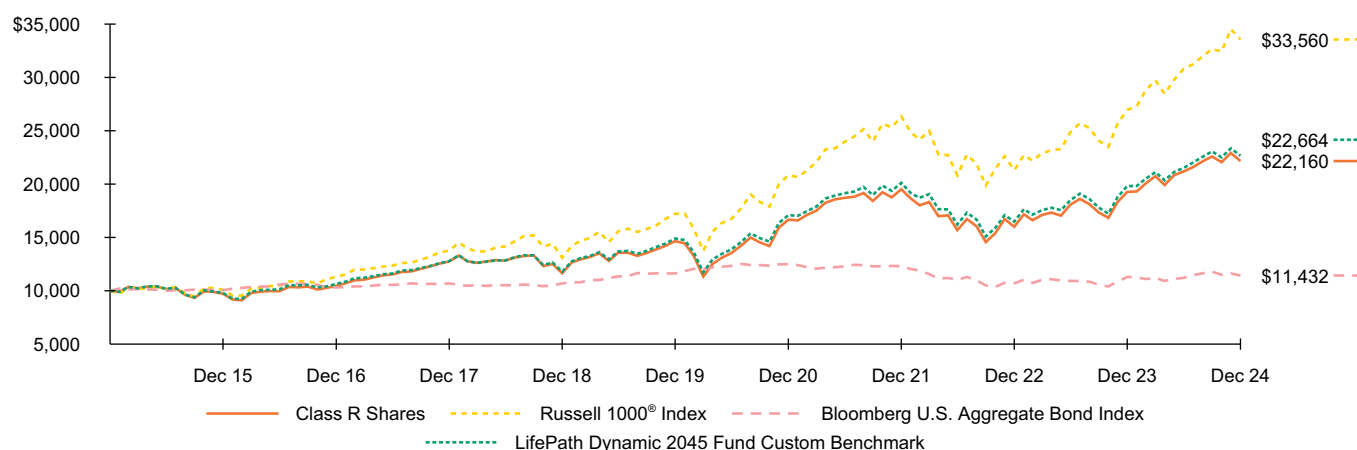
In the funds at and near retirement, currency pair trades and allocations to global infrastructure stocks were slight detractors.

*The views expressed reflect the opinions of BlackRock as of the date of this report and are subject to change based on changes in market, economic or other conditions. These views are not intended to be a forecast of future events and are no guarantee of future results.*

#### Fund performance

Cumulative performance: January 1, 2015 through December 31, 2024

Initial investment of \$10,000



See "Average annual total returns" for additional information on fund performance.

## Average annual total returns

	1 Year	5 Years	10 Years
Class R Shares .....	15.03%	8.62%	8.28%
Russell 1000 <sup>®</sup> Index .....	24.51	14.28	12.87
Bloomberg U.S. Aggregate Bond Index .....	1.25	(0.33)	1.35
LifePath Dynamic 2045 Fund Custom Benchmark .....	14.38	8.75	8.53

Average annual total returns reflect reductions for distribution and service fees.

The Fund has added the Russell 1000<sup>®</sup> Index in response to new regulatory requirements.

The Fund compares its performance to that of a customized weighted index (the "LifePath Dynamic 2045 Fund Custom Benchmark") comprised of the Bloomberg U.S. Intermediate Credit Bond Index, Bloomberg U.S. Intermediate Government Bond Index, Bloomberg U.S. Long Credit Bond Index, Bloomberg U.S. Long Government Bond Index, Bloomberg U.S. Securitized: MBS, ABS and CMBS Index, Bloomberg U.S. Treasury Inflation-Protected Securities (TIPS) Index (Series-L), FTSE EPRA Nareit Developed Index, FTSE Nareit All Equity REIT Index, ICE U.S. Treasury 0-5 Year Inflation Linked Bond Index, MSCI ACWI ex USA IMI Index, Russell 1000<sup>®</sup> Index, Russell 2000<sup>®</sup> Index and S&P Global Infrastructure Index, which are representative of the asset classes in which the Fund invests. The weightings of the indices in the LifePath Dynamic 2045 Fund Custom Benchmark are adjusted periodically to reflect the investment adviser's evaluation and adjustment of the Fund's asset allocation strategy.

Prior to November 1, 2024, the Fund compared its performance to that of a customized weighted index comprised of the Bloomberg U.S. Intermediate Credit Bond Index, Bloomberg U.S. Intermediate Government Bond Index, Bloomberg U.S. Long Credit Bond Index, Bloomberg U.S. Long Government Bond Index, Bloomberg U.S. Securitized: MBS, ABS and CMBS Index, Bloomberg U.S. Treasury Inflation-Protected Securities (TIPS) Index (Series-L), FTSE EPRA Nareit Developed Index, MSCI ACWI ex USA IMI Index, Russell 1000<sup>®</sup> Index and Russell 2000<sup>®</sup> Index, which were representative of the asset classes in which the Fund invested.

Effective November 7, 2016, the Fund changed its investment strategy to (i) incorporate a Global Tactical Asset Allocation into its glide path, (ii) increase the flexibility of its equity allocations and (iii) diversify its fixed-income strategies. Performance for the periods shown between December 14, 2015 and November 7, 2016 is based on the prior investment strategy. Effective December 14, 2015, the Fund changed its investment strategy to (i) incorporate a dynamic glide path and (ii) invest directly in securities and derivatives, as well as in underlying funds. Performance for the periods shown prior to December 14, 2015 is based on the prior investment strategy.

**Past performance is not an indication of future results.** Performance results may include adjustments made for financial reporting purposes in accordance with U.S. generally accepted accounting principles. Performance results do not reflect the deduction of taxes that a shareholder would pay on fund distributions or on the redemption or sale of fund shares. Visit [blackrock.com](https://www.blackrock.com) for more recent performance information.

## What did the Fund invest in?

(as of December 31, 2024)

### Portfolio composition

Asset Type <sup>(a)</sup>	Percent of Net Assets
Equity Funds .....	65.3%
Money Market Funds .....	34.1
Fixed-Income Funds .....	2.8
Liabilities in Excess of Other Assets .....	(2.2)

### Ten largest holdings

Security <sup>(b)</sup>	Percent of Net Assets
Diversified Equity Master Portfolio .....	46.0%
International Tilts Master Portfolio .....	8.7
BlackRock Real Estate Securities Fund .....	3.7
BlackRock Tactical Opportunities Fund, Class K .....	2.7
iShares iBoxx \$ Investment Grade Corporate Bond ETF .....	2.1
iShares MSCI EAFE Small-Cap ETF .....	2.0
BlackRock Advantage Emerging Markets Fund, Class K .....	1.7
BlackRock Diversified Fixed Income Fund, Class K .....	0.7
iShares Global Infrastructure ETF .....	0.3
iShares MSCI Canada ETF .....	0.2

<sup>(a)</sup> The portfolio composition above uses a different methodology than the applicable disclosure in the Fund's prospectus.

<sup>(b)</sup> Excludes short-term securities.

## Additional information

If you wish to view additional information about the Fund, including but not limited to financial statements, the Fund's prospectus, and proxy voting policies and procedures, please visit [blackrock.com/fundreports](https://www.blackrock.com/fundreports). For proxy voting records, visit [blackrock.com/proxyrecords](https://www.blackrock.com/proxyrecords).

## Householding

The Fund will mail only one copy of shareholder documents, including prospectuses, annual and semi-annual reports and proxy statements, to shareholders with multiple accounts at the same address. This practice is commonly called "householding" and is intended to reduce expenses and eliminate duplicate mailings of shareholder documents. Mailings of your shareholder documents may be householded indefinitely unless you instruct us otherwise. If you do not want the mailing of these documents to be combined with those for other members of your household, please call the Fund at (800) 441-7762.

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