



# BlackRock® LifePath® Index Funds



An index-based Target Date approach,  
designed to help keep retirement savings on track

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# A few words on investing

Retirement planning involves understanding investing and how to allocate and diversify your investments so that you can better withstand the ups and downs of the market.

Target date portfolios are a professionally managed asset allocation option (a mix of equities, fixed income and cash) that adjusts its portfolio over time to a more conservative investment mix as it gets closer to, or beyond a target retirement date. These portfolios require periodic ongoing monitoring of the investments in your retirement account.

At John Hancock, we offer you choices with our third party target date portfolios. Let's look at the BlackRock LifePath Index Funds, and discuss how they work.

A Target Date Portfolio is an investment option comprised of "fund of funds" which allocate their investments among multiple asset classes which can include U.S. and foreign equity and fixed income securities. The "target date" in a target date portfolio is the approximate date an investor plans to start withdrawing money. The Portfolio's ability to achieve its investment objective will depend largely on the ability of the sub-adviser to select the appropriate mix of underlying funds and on the underlying funds' ability to meet their investment objectives. The portfolio managers control security selection and asset allocation. There can be no assurance that either a Fund or the underlying funds will achieve their investment objectives. An investor should examine the asset allocation of the fund to ensure it is consistent with their own risk tolerance.

A Fund is subject to the same risks as the underlying funds in which it invests. Because target date funds are managed to specific retirement dates, investors may be taking on greater risk if the actual year of retirement differs dramatically from the original estimated date. Target date funds generally shift to a more conservative investment mix over time. While this may help to manage risk, it does not guarantee earnings growth nor is the fund's principal value guaranteed at any time including at the target date. An investment in a target-date fund is not guaranteed, and you may experience losses, including losses near, at, or after the target date. There is no guarantee that the fund will provide adequate income at and through retirement. Consider the investment objectives, risks, charges, and expenses of the fund carefully before investing.

For a more complete description of these and other risks, please review the fund's prospectus.

Although the target date funds are managed for investors on a projected retirement date time frame, the fund's allocation strategy does not guarantee that investors' retirement goals will be met. The target date is the year in which an investor is assumed to retire and begin taking withdrawals.

Neither asset allocation nor diversification ensures a profit or protection against a loss. Note that an asset allocation investment option may not be appropriate for all participants, particularly those interested in directing investment options on their own. The principal value of these portfolios are not guaranteed at any time, including at the target date.

# What are BlackRock LifePath Index Funds?

## Designed to take participants “to” retirement

BlackRock LifePath Index Funds were the industry's first target date funds, designed to help give participants a better chance of closing the retirement income gap between where they are today and the retirement future they want. They use an underlying portfolio that is constructed purely of index funds rather than actively managed mutual funds. The result is low-cost diversification across a wide range of asset classes to manage the risk versus return trade-off.

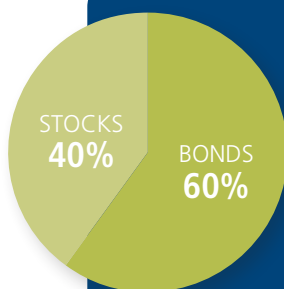
### Key Features

- **Professional management:** Managed by investment professionals and continuously adjusted over time to seek to ensure a proper investment in the right mix of stocks and bonds.
- **Diversified investments:** Each target date fund consists of a mix of global and U.S.-based stocks and bonds.
- **Adjusted over time:** Over time, the investment managers slowly change the portfolio's mix of investments in an effort to help reduce its risk exposure as you near retirement—your ‘target date’.

### These Portfolios may not be for you if you want:

- To personally select your investments and build and rebalance your own portfolio
- A source of guaranteed income for your retirement
- Actively managed underlying funds

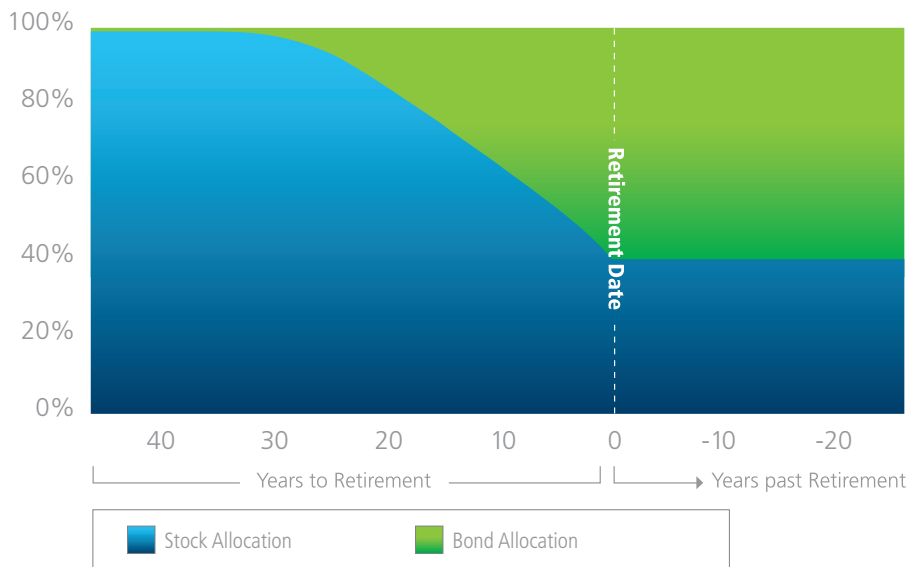
## Asset mix at target retirement date



Will be allocated at its most conservative level at retirement and still take advantage of some growth to help you preserve spending power.

# How it works

The investments in each of the LifePath Index Funds change over time based on the target retirement date. This gradual shift is called a “glide path”.



- Glide path sets an appropriate risk level at the retirement date to help minimize the chance of outliving your savings
- The investment mix is designed to become more conservative as you near the retirement date
- Seeks to reduce volatility allowing you to remain invested in the same fund in the years leading up to retirement

Allocations may vary as a result of market swings or cash allocations held during unusual market conditions.

The glide path is the asset allocation within a Target Date Strategy that adjusts over time as the participant’s age increases and their time horizon to retirement shortens. The basis of the glide path is to reduce the portfolio’s chance of loss as the participant’s time horizon decreases. The asset mix of each Portfolio is based on a target date. This is the expected year in which participants in a Portfolio plan to retire and no longer make contributions. A team of asset allocation professionals adjusts each Portfolio’s make-up over time to ensure a noticeable and steady shift from equities to fixed income in the years leading to retirement or during retirement, if applicable. An investor should examine the asset allocation of the fund to ensure it is consistent with their own risk tolerance. In developing the glide path, it was assumed that participants would make ongoing contributions during the years leading up to retirement, and stop making those contributions when the target date is reached. The principal value of your investment as well as your potential rate of return, are not guaranteed at any time, including at or after the target retirement date.

## Definition of terms

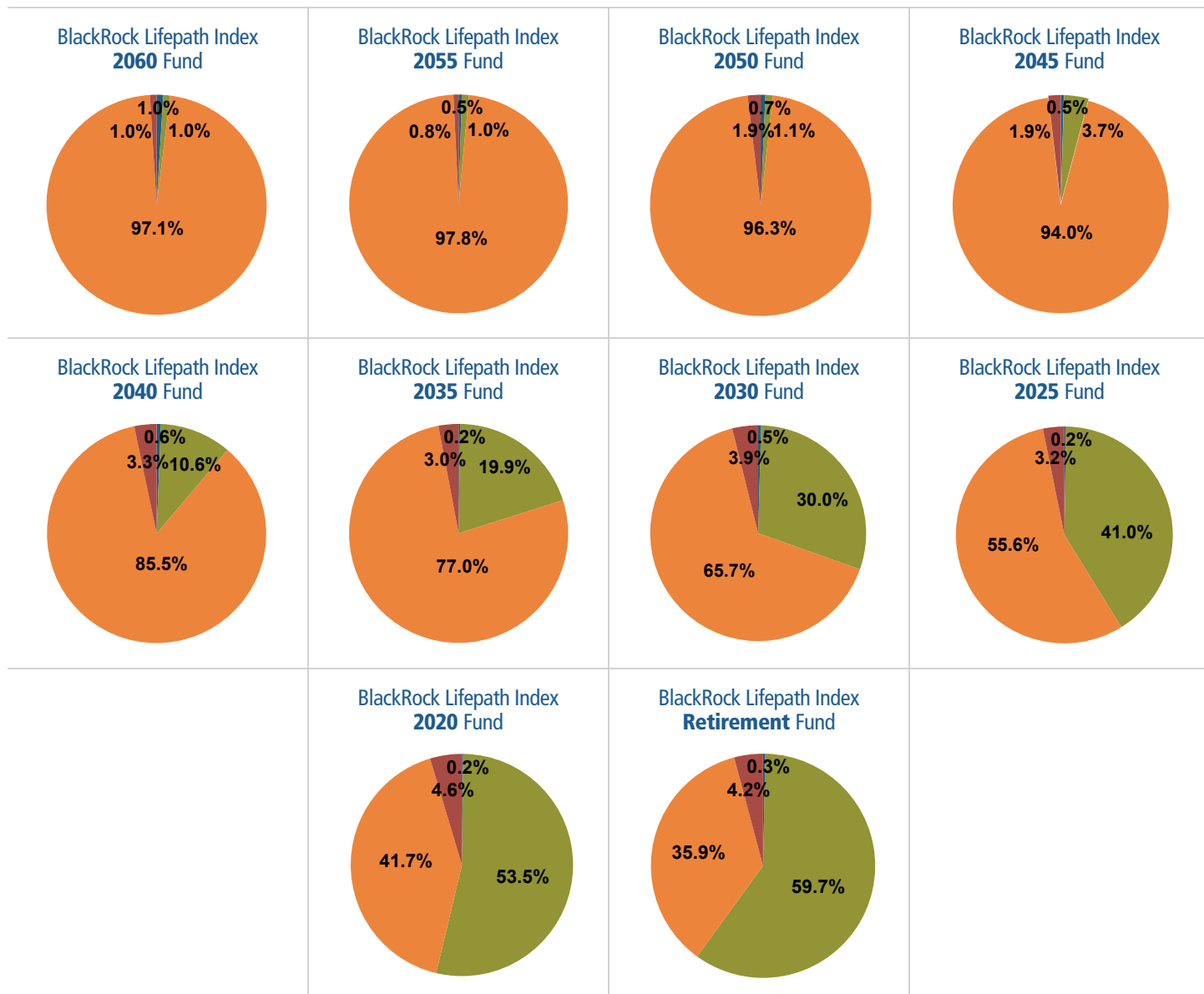
- **Index Fund:** A type of mutual fund with a portfolio constructed to match or track the components of a market index, such as the Standard & Poor’s 500 Index (S&P 500)
- **Glide Path:** Pre-defined change in a target date fund’s asset mix from a focus on growth to a focus on income over time.
- **Target Date Fund:** A fund that automatically adjusts the asset mix (stocks, bonds, cash equivalents) in its portfolio to reflect the target date. The glide path shows how the asset mix changes over time.
- **Target Date:** The expected year in which a participant in a target date fund plans to retire and no longer make contributions.
- **Active Management:** The use of a single manager, co-managers or a team of managers, to actively manage a fund’s portfolio. Active managers rely on analytical research, forecasts, and their own judgment and experience in making investment decisions on what securities to buy, hold and sell.

# Which Portfolio maybe right for you?

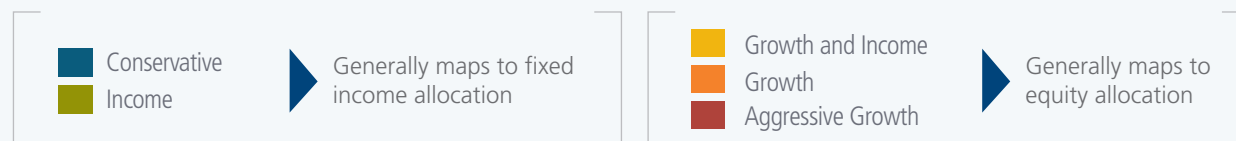
You may consider the fund closest to your 'target date' — the year you plan to retire. BlackRock's investment professionals will carefully adjust the diversified fund as that date approaches. The fund will include a mix of investments, including global stocks and bonds, which BlackRock's investment managers will slowly change to reduce risk exposure as you near retirement.

Below, you'll find the fund you've selected and its current mix of investments.

Weightings are as of June 30, 2018 and are subject to change.



Each color identifies the level of risk of the underlying investment option.



# Underlying Portfolio Weightings

All data is as of June 30, 2018. Weightings are subject to change.

FUND	BlackRock® LifePath® Index Funds									
	2060	2055	2050	2045	2040	2035	2030	2025	2020	Retirement
BlackRock Cash Funds Instl SL Agency	1.0%	0.5%	0.7%	0.5%	0.6%	0.2%	0.5%	0.2%	0.2%	0.3%
<b>Conservative Total</b>	<b>1.0%</b>	<b>0.5%</b>	<b>0.7%</b>	<b>0.5%</b>	<b>0.6%</b>	<b>0.2%</b>	<b>0.5%</b>	<b>0.2%</b>	<b>0.2%</b>	<b>0.3%</b>
BlackRock US Total Bond Index Investor A	1.0%	1.0%	1.1%	3.4%	9.4%	17.4%	26.0%	35.3%	45.9%	50.9%
iShares TIPS Bond	-	-	-	0.3%	1.2%	2.5%	4.0%	5.7%	7.7%	8.8%
<b>Income Total</b>	<b>1.0%</b>	<b>1.0%</b>	<b>1.1%</b>	<b>3.7%</b>	<b>10.6%</b>	<b>19.9%</b>	<b>30.0%</b>	<b>41.0%</b>	<b>53.5%</b>	<b>59.7%</b>
BlackRock Developed Real Estate Index	16.4%	16.5%	16.4%	15.6%	13.3%	10.8%	7.9%	5.0%	1.5%	0.5%
BlackRock Large Cap Index Investor A	49.4%	49.9%	49.6%	49.2%	46.5%	42.1%	36.9%	31.6%	25.4%	22.1%
iShares Core MSCI Total International Stock ETF	31.3%	31.4%	30.4%	29.3%	25.8%	24.0%	20.9%	19.0%	14.8%	13.2%
<b>Growth Total</b>	<b>97.1%</b>	<b>97.8%</b>	<b>96.3%</b>	<b>94.0%</b>	<b>85.5%</b>	<b>77.0%</b>	<b>65.7%</b>	<b>55.6%</b>	<b>41.7%</b>	<b>35.9%</b>
BlackRock Small Cap Index A	1.0%	0.8%	0.8%	0.9%	1.1%	1.7%	2.3%	3.0%	3.9%	4.2%
BlackRock Total International ex US Index Inv A	-	-	1.1%	1.0%	2.2%	1.3%	1.6%	0.1%	0.8%	-
<b>Aggressive Growth Total</b>	<b>1.0%</b>	<b>0.8%</b>	<b>1.9%</b>	<b>1.9%</b>	<b>3.3%</b>	<b>3.0%</b>	<b>3.9%</b>	<b>3.2%</b>	<b>4.6%</b>	<b>4.2%</b>
<b>Portfolio Total</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>

**It is important** before selecting a portfolio for participants to consider their personal circumstances, risk tolerance which may change near retirement, what the portfolio invests in, how its asset allocation mix shifts over time, and the time it takes to reach its final asset mix. The principal value of an investment in any of the BlackRock LifePath Index Portfolios as well as the potential rate of return, are not guaranteed at any time, including at, or after, the target retirement date. These Portfolios can suffer losses at any time (including near, at, or after the target retirement date), and there is no guarantee that any of them will provide adequate income at and through retirement.



## **BlackRock LifePath Index Funds**

An index-based Target Date approach to help take you **to** retirement

**Need more information about the BlackRock LifePath Index Funds?**

Visit the John Hancock website: [www.jhpensions.com](http://www.jhpensions.com)

Call 1-800-395-1113 to speak to a John Hancock customer service representative.  
Monday to Friday from 8 A.M. to 8 P.M. (ET)



**Please call 1-800-395-1113 to obtain Fund Sheets for the group annuity investment option sub-accounts and to obtain prospectuses for the sub-accounts' underlying funds, that are available on request. The prospectuses for the sub-accounts' underlying funds contain complete details on investment objectives, risks, fees, charges and expenses as well as other information about the underlying funds which should be carefully considered before investing.**

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