John Hancock Multimanager 2070 Lifetime Portfolio

Class A/JHOQX

ANNUAL SHAREHOLDER REPORT | AUGUST 31, 2025

This annual shareholder report contains important information about the John Hancock Multimanager 2070 Lifetime Portfolio (the fund) for the period of April 24, 2025 (commencement of operations) to August 31, 2025. You can find additional information about the fund at jhinvestments.com/documents. You can also request this information by contacting us at 800-225-5291.

What were the fund costs during the last year?

(Based on a hypothetical $10,000 investment)

Fund (Class)	Costs of a $10,000 investment	Costs paid as a percentage of a $10,000 investment
Multimanager 2070 Lifetime Portfolio (Class A/JHOQX)	$15	0.41%

Fund Statistics

Fund net assets	$665,432
Total number of portfolio holdings	28
Total advisory fees paid (net)	$0
Portfolio turnover rate	3%

Graphical Representation of Holdings

The table below shows the investment makeup of the fund, representing a percentage of the total net assets of the fund.

ASSET ALLOCATION	
Affiliated investment companies	**93.3%**
Equity	**89.6%**
U.S. large cap	29.9%
International equity	25.5%
Large blend	17.5%
U.S. mid cap	9.3%
Emerging-market equity	5.9%
U.S. small cap	1.5%
Fixed income	**2.7%**
Short-term bond	1.8%
Emerging-market debt	0.5%
High yield bond	0.4%
Alternative and specialty	**1.0%**
Absolute return	1.0%
Unaffiliated investment companies	**6.1%**
Equity	6.1%
U.S. Government	**0.6%**

Holdings may not have been held by the fund for the entire period and are subject to change without notice. Portfolio composition is subject to review in accordance with the fund's investment strategy and may vary in the future. Current and future portfolio holdings are subject to risk and may change at any time.

The fund is subject to various risks as described in the fund's prospectus. For more information, please refer to the "Principal risks" section of the prospectus.

Availability of Additional Information

At jhinvestments.com/documents, you can find additional information about the fund, including the fund's:

- Prospectus
- Financial information
- Fund holdings
- Proxy voting information

You can also request this information by contacting us at 800-225-5291.

This report is for the information of the shareholders in this fund. It is not authorized for distribution to prospective investors unless preceded or accompanied by the fund's prospectus.

John Hancock Investment Management Distributors LLC, Member FINRA, SIPC, 200 Berkeley Street, Boston, MA 02116, 800-225-5291, jhinvestments.com

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