

John Hancock Multimanager Lifestyle Moderate Portfolio

Class 5/JHLMX

SEMIANNUAL SHAREHOLDER REPORT | JUNE 30, 2024

This semiannual shareholder report contains important information about the John Hancock Multimanager Lifestyle Moderate Portfolio (the fund) for the period of January 1, 2024 to June 30, 2024. You can find additional information about the fund at [jhinvestments.com/documents](https://www.jhinvestments.com/documents). You can also request this information by contacting us at 800-225-5291.

What were the fund costs during the last six months?

(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 Lifestyle Moderate Portfolio (Class 5/JHLMX)	\$9	0.17%

Fund Statistics

Fund net assets	\$2,196,950,193
Total number of portfolio holdings	42
Portfolio turnover rate	7%

Graphical Representation of Holdings

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

ASSET ALLOCATION

Affiliated investment companies	92.9%
Equity	38.7%
U.S. large cap	13.4%
International equity	12.3%
U.S. mid cap	4.7%
Large blend	3.8%
U.S. small cap	2.5%
Emerging-market equity	2.0%
Fixed income	49.2%
Intermediate bond	23.0%
Multi-sector bond	7.1%
Short-term bond	5.6%
Emerging-market debt	5.1%
Bank loan	4.5%
High yield bond	3.9%
Alternative and specialty	5.0%
Sector equity	2.0%
Multi-asset income	1.5%
Absolute return	1.0%
Infrastructure	0.5%
U.S. Government	7.1%

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 prospectuses. For more information, please refer to the "Principal risks" section of the prospectuses.

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.

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