



Prospectus Supplement

John Hancock Variable Insurance Trust Small Cap Value Trust (the fund)

Supplement dated October 14, 2021 to the current Prospectus, as may be supplemented (the Prospectus)

As of January 4, 2022 (the Effective Date), Danielle S. Williams, CFA will be added as a portfolio manager for the fund. As of the Effective Date, Timothy J. McCormack, CFA, Shaun F. Pedersen and Edmond C. Griffin, CFA will continue as portfolio managers of the fund and, along with Danielle S. Williams, CFA, will be jointly and primarily responsible for the day-to-day management of the fund's portfolio.

Effective December 31, 2022, Timothy J. McCormack, CFA will no longer serve as a portfolio manager of the fund. Accordingly, all references to Mr. McCormack will be removed from the Prospectus as of December 31, 2022.

As of the Effective Date, the following will replace in its entirety the portfolio manager information in the "Fund summary" section of the Prospectus under the heading "Portfolio management":

Timothy J. McCormack, CFA¹ Senior Managing Director, Partner, and Equity Portfolio Manager Managed fund since 2008	Shaun F. Pedersen Senior Managing Director, Partner, and Equity Portfolio Manager Managed fund since 2008	Edmond C. Griffin, CFA Managing Director and Equity Portfolio Manager Managed fund since 2020	Danielle S. Williams, CFA Managing Director and Equity Portfolio Manager Managed fund since 2022
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¹Effective December 31, 2022, Timothy J. McCormack, CFA will no longer serve on the fund's investment management team.

As of the Effective Date, the following information will be amended and restated in regards to the portfolio manager information in the "Subadvisors and Portfolio Managers" section of the Prospectus under the heading "Wellington Management Company LLP" ("Wellington Management") with respect to the portfolio managers specific to the fund within the table of portfolio managers, as well as the bulleted list of portfolio managers below the table in order to add Danielle S. Williams, CFA, as a portfolio manager of the fund:

Small Cap Value Trust	Timothy J. McCormack, CFA ¹ Shaun F. Pedersen Edmond C. Griffin, CFA Danielle S. Williams, CFA
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- *Timothy J. McCormack, CFA¹*. Senior Managing Director and Equity Portfolio Manager of Wellington Management; joined the firm as an investment professional in 2000.
- *Shaun F. Pedersen*. Senior Managing Director and Equity Portfolio Manager of Wellington Management; joined the firm as an investment professional in 2004.
- *Edmond C. Griffin, CFA*. Managing Director and Equity Portfolio Manager of Wellington Management; joined the firm as an investment professional in 2008.
- *Danielle S. Williams, CFA*. Managing Director and Equity Portfolio Manager of Wellington Management; joined the firm as an investment professional in 2014.

¹Effective December 31, 2022, Timothy J. McCormack, CFA will no longer serve on the fund's investment management team.

You should read this supplement in conjunction with the Prospectus and retain it for your future reference.



Prospectus Supplement

**John Hancock Variable Insurance Trust
Blue Chip Growth Trust (the fund)**

Supplement dated October 1, 2021 to the current Prospectus, as may be supplemented (the Prospectus)

The following information supplements and supersedes any information to the contrary relating to the fund contained in the Prospectus.

At a special meeting of shareholders of the fund held on September 28, 2021, the fund's shareholders approved a proposal to change the fund's diversification status from diversified to non-diversified effective on or about September 29, 2021.

Accordingly, the following will be added as the last paragraph of the fund's "Principal investment strategies" and immediately before the "Principal risks" of the fund in the "Fund summary" section:

The fund is a non-diversified fund, which means that it may invest in a smaller number of issuers than a diversified fund and may invest more of its assets in the securities of a single issuer.

Additionally, the following paragraph supplements the fund's "Principal risks" in the "Fund summary" section.

Non-diversified risk. Adverse events affecting a particular issuer or group of issuers may magnify losses for non-diversified funds, which may invest a large portion of assets in any one issuer or a small number of issuers.

The following paragraph supplements the "Additional information about the funds' principal risks" section in the "Fund details" section.

Non-diversified risk

Overall risk can be reduced by investing in securities from a larger pool of issuers, while overall risk is increased by investing in securities of a small number of issuers. If a fund is not diversified within the meaning of the Investment Company Act of 1940, as amended, that means it is allowed to invest a large portion of assets in any one issuer or a small number of issuers, which may result in greater susceptibility to associated risks. As a result, credit, market, and other risks associated with a non-diversified fund's investment strategies or techniques may be more pronounced than for funds that are diversified.

Also, effective as of October 1, 2021, Paul Greene II is added as portfolio manager of the fund and will be primarily responsible for the day-to-day management of the fund's portfolio. In addition, effective October 1, 2021, Larry J. Puglia, CFA, CPA will no longer serve as portfolio manager of the fund and accordingly, all references to Mr. Puglia are removed.

The following replaces in its entirety the portfolio manager information in the summary section of the prospectus for this fund under the heading "Portfolio management" effective October 1, 2021:

Paul Greene II
Vice President
Managed fund since 2021

Effective as of October 1, 2021, reference to Mr. Puglia is removed. In addition, the information in the "Subadvisors and Portfolio Managers" section of the prospectus under the heading T. Rowe Price Associates, Inc. ("T. Rowe Price") is amended to include Paul Greene II as portfolio manager of the fund within the table of portfolio managers specific to the fund, as well as to include the below in the bulleted list of portfolio managers below the table:

Paul Greene II. Vice President; joined T. Rowe Price in 2006.

You should read this supplement in conjunction with the Prospectus and retain it for your future reference.



Prospectus Supplement

**John Hancock Variable Insurance Trust
Small Cap Value Trust (the fund)**

Supplement dated September 15, 2021 to the current Prospectus, as may be supplemented (the Prospectus)

Effective December 31, 2022 (the Effective Date), Timothy J. McCormack, CFA will no longer serve as a portfolio manager of the fund. Accordingly, all references to Mr. McCormack will be removed from the Prospectus as of the Effective Date.

As of the Effective Date, Edmond C. Griffin, CFA and Shaun F. Pedersen will continue as portfolio managers of the fund and will be jointly and primarily responsible for the day-to-day management of the fund's portfolio.

You should read this supplement in conjunction with the Prospectus and retain it for your future reference.



Prospectus Supplement

John Hancock Variable Insurance Trust

- 500 Index Trust
- Mid Cap Index Trust
- Small Cap Index Trust
- Total Stock Market Index Trust (the “funds”)

Supplement dated August 17, 2021 to the current prospectus, as may be supplemented (the “Prospectus”)

Effective as of August 17, 2021, Boncana Maiga, CFA, CIM, is added as a portfolio manager of the funds. Brett Hryb, CFA, Boncana Maiga, CFA, CIM, and Ashikhusein Shahpurwala, CFA, are jointly and primarily responsible for the day-to-day management of the funds’ portfolios. In addition, effective April 21, 2022, Brett Hryb, CFA, will no longer serve as a portfolio manager of the funds and his information will be removed as of that date.

The following replaces in its entirety the portfolio manager information in the summary section of the Prospectus for the funds under the heading “Portfolio management” effective August 17, 2021:

Brett Hryb, CFA Managing Director and Senior Portfolio Manager Managed fund since 2014	Boncana Maiga, CFA, CIM Managing Director and Portfolio Manager Managed fund since 2021
Ashikhusein Shahpurwala, CFA Managing Director and Senior Portfolio Manager Managed fund since 2013	

The information in the “Subadvisors and Portfolio Managers” section of the Prospectus under the heading “Manulife Investment Management (North America) LLC (“Manulife IM (NA)”)” is amended to include Boncana Maiga, CFA, CIM, as a portfolio manager of the funds within the table of portfolio managers specific to the funds, as well as to include the below in the bulleted list of the portfolio managers below the table:

Boncana Maiga, CFA, CIM. Managing Director and Portfolio Manager; joined Manulife IM (NA) in 2010.

You should read this supplement in conjunction with the Prospectus and retain it for your future reference.

**John Hancock Variable Insurance Trust
Supplement dated June 30, 2021 to the current
Prospectus, as may be supplemented (the “Prospectus”)**

Active Bond Trust (the “fund”)

Effective as of June 30, 2021, Pranay Sonalkar is added as a portfolio manager of the fund. Peter M. Farley, CFA, Jeffrey N. Given, CFA, Howard C. Greene, CFA, David A. Bees, CFA, and Pranay Sonalkar are jointly and primarily responsible for the day-to-day management of the fund’s portfolio.

The following replaces in its entirety the portfolio manager information in the summary section of the prospectus for this fund under the heading “Portfolio management” effective June 30, 2021:

Peter M. Farley, CFA Managing Director and Senior Portfolio Manager Managed fund since 2005	Jeffrey N. Given, CFA Senior Managing Director and Senior Portfolio Manager Managed fund since 2006
Howard C. Greene, CFA Senior Managing Director and Senior Portfolio Manager Managed fund since 2005	David A. Bees, CFA Managing Director and Portfolio Manager Managed fund since 2020
Pranay Sonalkar Managing Director, Associate Portfolio Manager Managed fund since 2021	

The information in the “Subadvisors and Portfolio Managers” section of the prospectus under the heading “Manulife Investment Management (US) LLC (“Manulife IM (US)”)” is amended to include Pranay Sonalkar as a portfolio manager of the fund within the table of portfolio managers specific to the fund, as well as to include the below in the bulleted list of portfolio managers below the table:

Pranay Sonalkar. Managing Director, Associate Portfolio Manager; joined Manulife IM (US) in 2014.

Select Bond Trust (the “fund”)

Effective as of June 30, 2021, Pranay Sonalkar is added as a portfolio manager of the fund. Howard C. Greene, CFA, Jeffrey N. Given, CFA, and Pranay Sonalkar are jointly and primarily responsible for the day-to-day management of the fund’s portfolio.

The following replaces in its entirety the portfolio manager information in the summary section of the prospectus for this fund under the heading “Portfolio management” effective June 30, 2021:

Jeffrey N. Given, CFA Senior Managing Director and Senior Portfolio Manager Managed fund since 2009	Howard C. Greene, CFA Senior Managing Director and Senior Portfolio Manager Managed fund since 2009
Pranay Sonalkar Managing Director, Associate Portfolio Manager Managed fund since 2021	

The information in the “Subadvisors and Portfolio Managers” section of the prospectus under the heading Manulife IM (US) is amended to include Pranay Sonalkar as a portfolio manager of the fund within the table of portfolio managers specific to the fund, as well as to include the below in the bulleted list of portfolio managers below the table:

Pranay Sonalkar. Managing Director, Associate Portfolio Manager; joined Manulife IM (US) in 2014.

Ultra Short Term Bond Trust (the “fund”)

Effective as of June 30, 2021, Pranay Sonalkar is added as a portfolio manager of the fund. Howard C. Greene, CFA, Jeffrey N. Given, CFA, and Pranay Sonalkar are jointly and primarily responsible for the day-to-day management of the fund’s portfolio.

The following replaces in its entirety the portfolio manager information in the summary section of the prospectus for this fund under the heading “Portfolio management” effective June 30, 2021:

<p>Jeffrey N. Given, CFA Senior Managing Director and Senior Portfolio Manager Managed fund since 2010</p>	<p>Howard C. Greene, CFA Senior Managing Director and Senior Portfolio Manager Managed fund since 2010</p>
<p>Pranay Sonalkar Managing Director, Associate Portfolio Manager Managed fund since 2021</p>	

The information in the “Subadvisors and Portfolio Managers” section of the prospectus under the heading Manulife IM (US) is amended to include Pranay Sonalkar as a portfolio manager of the fund within the table of portfolio managers specific to the fund, as well as to include the below in the bulleted list of portfolio managers below the table:

Pranay Sonalkar. Managing Director, Associate Portfolio Manager; joined Manulife IM (US) in 2014.

You should read this Supplement in conjunction with the Prospectus and retain it for future reference.

**John Hancock Variable Insurance Trust (the “Trust”)
Supplement dated June 24, 2021 to the current
Prospectus, as may be supplemented (the “Prospectus”)**

Blue Chip Growth Trust (the “fund”)

The following information supplements and supersedes any information to the contrary relating to the fund contained in the Prospectus.

At its meeting held on June 21-24, 2021, the Board, including the Trustees who are not “interested persons” (as defined in the Investment Company Act of 1940, as amended (the “1940 Act”)) (the “Independent Trustees”), approved that a special meeting of shareholders of the fund will be held on or about Tuesday, September 28, 2021 at 10:00 A.M., Eastern Time (the “Shareholder Meeting”). The Board, including the Independent Trustees, recommends that the fund’s shareholders approve a proposal that will be presented at the Shareholder Meeting to change the fund’s diversification status from diversified to non-diversified. If approved, the change to the diversification status will become effective when the fund’s Statement of Additional Information (the “SAI”) is revised or supplemented to reflect the change, which is expected to be on or about September 29, 2021.

The Shareholder Meeting is expected to be virtual, via telephone only, however additional information will be provided about the meeting prior to the scheduled date.

Note that this Shareholder Meeting is limited to shareholders of the fund. Shareholders of the fund as of August 4, 2021 are entitled to vote at the meeting.

Please see the fund’s Prospectus, proxy statement (when filed), and SAI for more details.

The foregoing is not a solicitation of any proxy. For important information regarding Blue Chip Growth Trust or to receive a free copy of the proxy statement, when available, or Prospectus or SAI relating to the proposed shareholder vote, please call the appropriate phone number listed below. The proxy statement, Prospectus, or SAI contains important information about fund objectives, strategies, fees, expenses, risks, and the Board’s considerations in approving the proposal to be presented for shareholder approval at the Shareholder Meeting. The proxy statement, Prospectus, or SAI will be available for free on the SEC’s website (www.sec.gov). Please read the proxy statement, Prospectus, and SAI carefully before voting or when considering whether to vote for the proposal.

For John Hancock Life Insurance Company (U.S.A.) variable annuity contracts: (800) 344-1029

For John Hancock Life Insurance Company (U.S.A.) variable life contracts: (800) 827-4546

For John Hancock Life Insurance Company of New York variable annuity contracts: (800) 551-2078

For John Hancock Life Insurance Company of New York variable life contracts: (888) 267-7784

Core Bond Trust (the “fund”)

At its meeting held on June 21-24, 2021, the Trust’s Board of Trustees (the “Board”) approved a new subadvisory agreement between John Hancock Variable Trust Advisers LLC and Wells Capital Management, Incorporated (“Wells Capital”) with respect to the fund (the “Agreement”). The Agreement was approved in connection with the acquisition (the “Acquisition”) by a holding company affiliated with private funds of GTCR LLC and of Reverence Capital Partners, L.P. of the asset management business of Wells Fargo & Co., the ultimate parent company of Wells Capital, the current subadvisor to the fund. The Agreement will become effective on the closing date of the Acquisition, which is expected to be on or about September 1, 2021. Following the Acquisition, no changes are anticipated in the personnel managing the fund or in the level of services provided to the fund. In connection with the Acquisition, Wells Capital is expected to convert from a California corporation to a Delaware limited liability company.

Mid Cap Stock Trust (the “fund”)

At a meeting held on June 21-24, 2021, the Board of Trustees of John Hancock Variable Insurance Trust approved a change in the fund’s name effective on or about October 15, 2021 (the “Effective Date”). As of the Effective Date, the fund’s name will be changed to Mid Cap Growth Trust, and all references to Mid Cap Stock Trust will be changed to reflect the fund’s new name.

In addition, as of the Effective Date, the advisory fee schedule for the fund, as shown in “Appendix A Schedule of Management Fees,” is revised and restated as follows:

Fund	APR	Advisory Fee Breakpoint
Mid Cap Stock Trust	0.875%	— first \$200 million;
	0.850%	— next \$300 million;
	0.825%	— next \$2.7 billion;
	0.800%	— next \$500 million;
	0.775%	— next \$500 million; and
	0.755%	— excess over \$4.2 billion.*

** The fee schedule above will become effective on or about October 15, 2021.*

You should read this Supplement in conjunction with the Prospectus and retain it for future reference.

**John Hancock Variable Insurance Trust
Supplement dated June 11, 2021 to the current
Prospectus, as may be supplemented (the “Prospectus”)**

Opportunistic Fixed Income Trust

Effective immediately, on the front cover of the prospectus, the first two sentences in the last paragraph are revised and restated in their entirety as follows:

As with all mutual funds, the Securities and Exchange Commission and Commodity Futures Trading Commission have not approved or disapproved these securities or passed upon the adequacy of this prospectus. Any representation to the contrary is a criminal offense.

You should read this Supplement in conjunction with the Prospectus and retain it for future reference.