

John Hancock Variable Trust Advisers LLC
200 Berkeley Street
Boston, MA 02116

IMPORTANT NOTICE OF INTERNET AVAILABILITY OF INFORMATION STATEMENT

February 12, 2021

**Relating to
REAL ESTATE SECURITIES TRUST
a series of John Hancock Variable Insurance Trust
200 Berkeley Street
Boston, Massachusetts 02116
Telephone: 800-225-5291**

This communication (the “Notice”) presents only an overview of a more complete Information Statement that is available to you on the Internet relating to Real Estate Securities Trust (the “Fund”), a series of John Hancock Variable Insurance Trust (the “Trust” or “JHVIT”). Although you are not a shareholder of JHVIT, your purchase payments and the earnings on such payments under your variable annuity or variable life insurance contracts issued by John Hancock Life Insurance Company (U.S.A.) (“John Hancock USA”) or John Hancock Life Insurance Company of New York (“John Hancock NY”) are invested in subaccounts of separate accounts established by these insurance companies. Each subaccount invests in shares of a JHVIT fund, including the Fund. We encourage you to access and review all of the important information contained in the Information Statement.

The Information Statement details a subadvisor change relating to the Fund that took effect on November 16, 2020. At a meeting held on September 15-17, 2020, pursuant to the recommendation of John Hancock Variable Trust Advisers LLC (the “Advisor”), the Board of Trustees of the Trust (the “Board”) approved an amendment to the subadvisory agreement dated January 29, 1999 appointing Wellington Management Company LLP (“Wellington Management”) as subadvisor to the Fund. At the same time, the Board approved the termination of DWS Investment Management Americas, Inc. (“DWS”) as subadvisor and RREEF America L.L.C. (“RREEF”) as sub-subadvisor to the Fund. After a thorough review of management’s recommendation, the Board appointed Wellington Management to manage the Fund’s portfolio.

The appointment of Wellington Management as the Fund’s subadvisor was effected in accordance with an exemptive order (the “Order”) that the U.S. Securities and Exchange Commission granted to the Trust permitting the Advisor to enter into and materially amend subadvisory agreements with unaffiliated subadvisors solely with Board approval, subject to certain conditions, and without obtaining shareholder approval. Consequently, the Trust is not soliciting proxies to approve this change. The Order does, however, require that an information statement be provided to you containing much of the same information that would have been included in a proxy statement soliciting approval of the new subadvisory agreement with Wellington Management. In lieu of physical delivery of the Information Statement (other than on request as described below), JHVIT will make the Information Statement available to you online.

In lieu of physical delivery of the Information Statement (other than on request as described below), JHVIT has made the Information Statement available to you online at https://www.johnhancock.com/content/dam/onejohnhancock/pdfs/xbrl/JHVIT_Real_Estate_Securities_Trust_Information_Statement_2.12.21.pdf until 90 days from the date the *Notice* was first distributed. A paper or email copy of the Information Statement may be obtained, without charge, by contacting the appropriate toll-free number below no later than 90 days from the date the *Notice* is first distributed:

- For John Hancock USA variable annuity contracts: (800) 344-1029
- For John Hancock USA variable life contracts: (800) 827-4546
- For John Hancock NY variable annuity contracts: (800) 551-2078
- For John Hancock NY variable life contracts: (888) 267-7784

If you want to receive a paper or email copy of the Information Statement free of charge, you must request one no later than 90 days from the date the Notice is first distributed.

**John Hancock Variable Insurance Trust
Supplement dated February 1, 2021 to the current
Prospectus (the “Prospectus”), as may be supplemented**

American International Trust (the “fund”)

The following amends and restates the portfolio manager information under the heading “Portfolio management”:

Sung Lee Vice President; Partner – Capital Research Global Investors Managed fund since 2005	Renaud H. Samyn Vice President; Partner – Capital Research Global Investors Managed fund since 2013	Nicholas J. Grace Partner – Capital Research Global Investors Managed fund since 2021
Jesper Lyckeus Partner – Capital Research Global Investors Managed fund since 2007	Christopher Thomsen Partner – Capital Research Global Investors Managed fund since 2005	

The information in the “Subadvisors and Portfolio Managers” section of the prospectus under the heading “Capital Research and Management Company (“CRMC”)” is amended to add disclosure relating to Nicholas J. Grace, and remove Alfonso Barroso, as one of the Portfolio Managers of International Fund, a series of American Funds Insurance Series, the master fund of which American International Trust is a feeder.

Portfolio Manager	Primary Title with Investment Advisor (or Affiliate) and Investment Experience During Past Five Years	Portfolio Manager’s Role in Management of the Fund(s)
Nicholas J. Grace Partner	Partner – Capital Research Global Investors Investment professional for 31 years in total; 27 years with Capital Research and Management Company or affiliate	Serves as an equity portfolio manager for International Fund

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

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

Supplement dated January 26, 2021 to the current Prospectus (the Prospectus), as may be supplemented

Effective October 1, 2021 (the effective date), Larry J. Puglia, CFA, CPA will no longer serve as portfolio manager of the fund. Accordingly, all references to Mr. Puglia will be removed from the Prospectus as of the effective date.

As of the effective date, Paul Greene will be added as portfolio manager of the fund and will be 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 future reference.

**John Hancock Variable Insurance Trust (the “Trust”)
Supplement dated December 10, 2020 to the current
Prospectus, as may be supplemented (the “prospectus”)**

Global Trust

At a meeting held on December 8-10, 2020, the Board of Trustees of John Hancock Variable Insurance Trust (the Board) approved a change in the fund’s name effective on or about April 26, 2021 (the Effective Date). As of the Effective Date, the fund’s name will be changed to Global Equity Trust, and all references to Global Trust will be changed to reflect the fund’s new name.

**Lifestyle Aggressive Portfolio
Managed Volatility Aggressive Portfolio**

At a meeting held on December 8-10, 2020, the Board also approved an Agreement and Plan of Reorganization providing for the following fund reorganizations:

<u>Acquired Funds</u>	<u>Acquiring Funds</u>
Lifestyle Aggressive Portfolio	Lifestyle Growth Portfolio
Managed Volatility Aggressive Portfolio	Managed Volatility Growth Portfolio

A meeting of the shareholders of the Lifestyle Aggressive Portfolio and Managed Volatility Aggressive Portfolio has been scheduled for Tuesday, April 6, 2021, to seek approval of each reorganization. Subject to regulatory and shareholder approval, each reorganization is scheduled to occur immediately after the close of business on or about Friday, April 23, 2021.

The foregoing is not an offer to sell, nor a solicitation of an offer to buy, shares of any funds, nor is it a solicitation of any proxy. For important information regarding any of these reorganizations, or to receive a free copy of a proxy statement/prospectus relating to the proposed merger, once it is available, please call the appropriate phone number listed below. The proxy statement/prospectus contains important information about fund objectives, strategies, fees, expenses and risk considerations. The proxy statement/prospectus is also available for free on the SEC’s website (www.sec.gov). Please read the proxy statement/prospectus carefully before making any decision to invest or when considering a merger 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

Select Bond Trust

In addition, at a meeting held on December 8-10, 2020, the Board approved changes to the “Principal investment strategies” of the “Fund summary” section of the prospectus, which are revised and restated in their entirety as follows effective December 10, 2020:

Under normal market conditions, the fund invests at least 80% of its net assets (plus any borrowings for investment purposes) in a diversified mix of debt securities and instruments. (The fund will provide written notice to shareholders at least 60 days prior to a change in its 80% investment policy.) The fund seeks to invest its assets in debt securities and instruments with an average duration of plus or minus one year of its benchmark, Bloomberg Barclays US Aggregate Bond Index, however, there is no limit on the fund's average maturity. The fund does not invest in bonds rated below investment-grade at time of purchase.

Eligible investments include, but are not limited to:

- U.S. Treasury and agency securities as well as notes backed by the Federal Deposit Insurance Corporation,
- Mortgage-backed securities, including mortgage pass-through securities, commercial mortgage-backed securities ("CMBS") and collateralized mortgage obligations ("CMOs"),
- U.S. and foreign corporate bonds, and
- Foreign government and agency securities.

The subadvisor uses proprietary research and economic and industry analysis to identify specific bonds, bond sectors and industries that are attractively priced. Due to this process, the fund may have a higher than average portfolio turnover ratio which may affect performance results.

The foreign securities in which the fund invests may be denominated in U.S. dollars or foreign currency.

Use of Hedging and Other Strategic Transactions. The fund is authorized to use all of the various investment strategies referred to under "Additional Information About the Funds' Principal Risks — Hedging, derivatives and other strategic transactions risk" including, but not limited to, U.S. Treasury futures and options, index derivatives, credit default swaps and forwards.

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

John Hancock Variable Trust Advisers LLC
200 Berkeley Street
Boston, MA 02116

IMPORTANT NOTICE OF INTERNET AVAILABILITY OF INFORMATION STATEMENT

October 23, 2020

**Relating to
HIGH YIELD TRUST
a series of John Hancock Variable Insurance Trust
200 Berkeley Street
Boston, Massachusetts 02116
Telephone: 800-344-1029**

This communication (the “Notice”) presents only an overview of a more complete Information Statement that is available to you on the Internet relating to High Yield Trust (the “Fund”), a series of John Hancock Variable Insurance Trust (the “Trust” or “JHVIT”). Although you are not a shareholder of JHVIT, your purchase payments and the earnings on such payments under your variable annuity or variable life insurance contracts issued by John Hancock Life Insurance Company (U.S.A.) (“John Hancock USA”) or John Hancock Life Insurance Company of New York (“John Hancock NY”) are invested in subaccounts of separate accounts established by these insurance companies. Each subaccount invests in shares of a JHVIT fund, including the Fund. We encourage you to access and review all of the important information contained in the Information Statement.

The Information Statement details a new subadvisor agreement and new sub-subadvisor agreement relating to the Fund that took effect August 1, 2020 (the “Effective Date”). At a meeting held on June 23-25, 2020, pursuant to the recommendation of John Hancock Variable Trust Advisers LLC (formerly John Hancock Investment Management Services, LLC) (the “Advisor”), the Board of Trustees of the Trust (the “Board”) approved: (1) a new subadvisory agreement between the Advisor and Western Asset Management Company, LLC (formerly Western Asset Management Company) (“WAMCO”) with respect to the Fund (the “New Subadvisory Agreement”) and (2) a new sub-subadvisory agreement between WAMCO and Western Asset Management Company Limited (“WAMCL”) with respect to the Fund (the “New Sub-subadvisory Agreement”). Except where context dictates otherwise, all references to the New Subadvisory Agreement include the New Sub-subadvisory Agreement, and all references to WAMCO include WAMCL. The New Subadvisory Agreement with WAMCO was required because of the acquisition of Legg Mason, Inc. (“Legg Mason”) and its affiliates, including WAMCO and WAMCL, by Franklin Resources, Inc. (“Franklin”), a global investment management organization based in California, on the Effective Date. As a result of this transaction, the former subadvisory agreement between the Advisor and WAMCO with respect to the Fund (the “Former Subadvisory Agreement”) and the former sub-subadvisory agreement between WAMCO and WAMCL with respect to the Fund (the “Former Sub-subadvisory Agreement”) automatically terminated on the Effective Date. Except where context dictates otherwise, all references to the Former Subadvisory Agreement include the Former Sub-subadvisory Agreement. As with the Former Subadvisory Agreement, pursuant to the New Subadvisory Agreement, WAMCO manages the Fund’s investments and determines the composition of the assets of the Fund subject to the supervision of the Board and the Advisor. The portfolio management team at WAMCO that managed the Fund’s portfolio has continued to do so after the Effective Date.

The appointment of WAMCO as subadvisor and WAMCL as sub-subadvisor to the Fund was effected in accordance with an exemptive order (the “Order”) that the U.S. Securities and Exchange Commission granted to the Trust permitting the Advisor to enter into and materially amend subadvisory agreements with unaffiliated subadvisors solely with Board approval, subject to certain conditions, and without obtaining shareholder approval. Consequently, the Trust is not soliciting proxies to approve this change. The Order does, however, require that an information statement be provided to you containing much of the same information that would have been included in a proxy statement soliciting approval of the New Subadvisory Agreement between the Advisor and WAMCO with respect to the Fund.

In lieu of physical delivery of the Information Statement (other than on request as described below), JHVIT has made the Information Statement available to you online at https://www.johnhancock.com/content/dam/onejohnhancock/pdfs/xbrl/Notice_Re_HY.pdf until 90 days from the date the Notice was first distributed. A paper or email copy of the Information Statement may be obtained, without charge, by contacting the appropriate toll-free number below no later than 90 days from the date the Notice is first distributed:

- For John Hancock USA variable annuity contracts: (800) 344-1029
- For John Hancock USA variable life contracts: (800) 827-4546
- For John Hancock NY variable annuity contracts: (800) 551-2078
- For John Hancock NY variable life contracts: (888) 267-7784

If you want to receive a paper or email copy of the Information Statement free of charge, you must request one no later than 90 days from the date the Notice is first distributed.

John Hancock Variable Insurance Trust
Supplement dated September 30, 2020 to the current
Prospectus (the “Prospectus”), as may be supplemented

American Growth Trust (the “fund”)

The following amends and restates the portfolio manager information under the heading “Portfolio management”:

Dylan Yolles Vice President; Partner – Capital International Investors Managed fund since 2020	Paul Benjamin Partner – Capital World Investors Managed fund since 2018	Mark L. Casey Partner – Capital International Investors Managed fund since 2017
Anne-Marie Peterson Partner – Capital World Investors Managed fund since 2018	Andraz Razen Partner – Capital World Investors Managed fund since 2012	Alan J. Wilson Partner – Capital World Investors Managed fund since 2014

The information in the “Subadvisors and Portfolio Managers” section of the prospectus under the heading “Capital Research and Management Company (“CRMC”)” is amended to update the disclosure relating to Dylan Yolles, and remove Michael T. Kerr, as one of the Portfolio Managers of Growth Fund, a series of American Funds Insurance Series, the master fund of which American Growth Trust is a feeder.

Portfolio Manager	Primary Title with Investment Advisor (or Affiliate) and Investment Experience During Past Five Years	Portfolio Manager’s Role in Management of the Fund(s)
Dylan Yolles Vice President	Partner – Capital International Investors; Investment professional for 23 years in total; 20 years with CRMC or affiliate	Serves as an equity portfolio manager for Growth-Income Fund and Growth Fund

American Growth-Income Trust (the “fund”)

The following amends and restates the portfolio manager information under the heading “Portfolio management”:

Donald D. O’Neal Co-President and Trustee Partner - Capital International Investors Managed fund since 2005	Keiko McKibben Vice President; Partner - Capital Research Global Investors Managed fund since 2014	Dylan Yolles Vice President; Partner - Capital International Investors Managed fund since 2005
Charles E. Ellwein Partner - Capital Research Global Investors Managed fund since 2015	J. Blair Frank Partner - Capital Research Global Investors Managed fund since 2006	William L. Robbins Partner - Capital International Investors Managed fund since 2011

The information in the “Subadvisors and Portfolio Managers” section of the prospectus under the heading “Capital Research and Management Company (“CRMC”)” is amended to remove Claudia P. Huntington as one of the Portfolio Managers of Growth-Income Fund, a series of American Funds Insurance Series, the master fund of which American Growth-Income Trust is a feeder.

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 September 17, 2020 to the current prospectus (the “Prospectus”), as may be supplemented

Active Bond Trust (the “fund”)

IMPORTANT NOTICE REGARDING CHANGE IN INVESTMENT POLICY

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

At its meeting held on September 15–17, 2020, the Trust’s Board of Trustees approved changes to the principal investment strategies and additional changes described below, each effective immediately:

1. The disclosure as it relates to the fund under “Principal investment strategies” in the “Fund summary” section of the prospectus will be amended and restated in its entirety as follows:

Under normal market conditions, the fund invests at least 80% of its net assets (plus any borrowings for investment purposes) in a diversified mix of debt securities and instruments. (The fund will provide written notice to shareholders at least 60 days prior to a change in its 80% investment policy.) The fund seeks to invest its assets in debt securities and instruments with an average duration of plus or minus one year of its benchmark, Bloomberg Barclays US Aggregate Bond Index, however, there is no limit on the fund’s average maturity. As part of its investment strategy, the fund may invest in mortgage-backed securities to a significant extent.

Eligible investments include, but are not limited to:

- U.S. Treasury and agency securities;
- Asset-backed securities and mortgage-backed securities, both investment grade and below-investment grade, including mortgage pass-through securities, interest-only securities, commercial mortgage-backed securities (“CMBS”) and collateralized mortgage obligations (“CMOs”);
- Corporate bonds, both U.S. and foreign, and without any limit on credit quality; and
- Foreign government and agency securities.

The fund may invest in asset-backed securities rated, at the time of purchase, less than A (but not rated lower than B by Standard & Poor’s Ratings Services (“S&P”) or Moody’s Investors Service (“Moody’s”), or a comparable rating by another Nationally Recognized Statistical Ratings Organization). The subadvisor uses proprietary research and economic and industry analysis to identify specific bonds, bond sectors and industries that are attractively priced. Because the fund is actively managed, it may have a higher than average portfolio turnover ratio, which may increase expenses and affect performance results.

The foreign securities in which the fund invests may be denominated in U.S. dollars or foreign currency.

Manulife Investment Management (US) LLC manages the fund with two investment teams, each of which employs its own investment approach and independently manages its portion of the fund. The fund will be rebalanced periodically so that each team manages the following portions of the fund:

50%* Securitized Asset Team 50%* Core / Core Plus Team

**Percentages are approximate. Since the fund is only rebalanced periodically, the actual portion of the fund managed by each team will vary.*

This allocation methodology may change in the future.

Securitized Asset Team

The Securitized Asset Team uses a combination of proprietary research and quantitative tools and seeks to identify bonds and bond sectors that are attractively priced based upon market fundamentals and technical factors. The Securitized Asset Team opportunistically emphasizes bonds with yields in excess of U.S. Treasury securities.

This portion of the fund normally has no more than 10% of its total assets in high yield bonds (“junk bonds”) and normally invests in foreign securities only if U.S. dollar-denominated. This portion of the fund normally has an average credit rating of “A” or “AA.”

The Core / Core Plus Team

The Core / Core Plus Team uses proprietary research to identify specific bond sectors, industries and bonds that are attractively priced. The team seeks to anticipate shifts in the business cycle, using economic and industry analysis to determine which sectors and industries might benefit over the next 12 months.

This portion of the fund normally has no more than 25% of its total assets in high yield bonds (sometimes referred to as “junk bonds”) and may invest in both U.S. dollar-denominated and foreign currency-denominated foreign securities. This portion of the fund normally has an average credit rating of “A” or “AA.”

Under normal circumstances, no more than 15% of the total assets of the portion of the fund managed by the Core / Core Plus Team will be invested in asset-backed securities rated lower than A by both rating agencies. The fund’s investment policies are based on credit ratings at the time of purchase.

Use of Hedging and Other Strategic Transactions. The fund is authorized to use all of the various investment strategies referred to under “Additional Information About the Funds’ Principal Risks — Hedging, derivatives and other strategic transactions risk” including, but not limited to, U.S. Treasury futures and options, index derivatives, credit default swaps and forwards.

2. In addition, effectively immediately, David A. Bees, CFA is added as portfolio manager of the fund. David A. Bees, CFA, Peter M. Farley, CFA, Howard C. Greene, and Jeffrey N. Given, CFA 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 immediately:

<p>Peter M. Farley, CFA Senior Managing Director and Senior Portfolio Manager Managed fund since 2005</p>	<p>Jeffrey N. Given, CFA Senior Managing Director and Senior Portfolio Manager Managed fund since 2006</p>
<p>Howard C. Greene Senior Managing Director and Senior Portfolio Manager Managed fund since 2005</p>	<p>David A. Bees, CFA Managing Director and Portfolio Manager Managed fund since 2020</p>

3. 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 David A. Bees, CFA as a Portfolio Manager of the fund:

David A. Bees, CFA. Managing Director and Portfolio Manager; joined Manulife IM (US) in 2001.

Real Estate Securities Trust (the “fund”)

IMPORTANT NOTICE REGARDING CHANGE IN INVESTMENT POLICY

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

At its meeting held on September 15–17, 2020, the Trust’s Board of Trustees (“Board”) approved the appointment of Wellington Management Company LLP (“Wellington Management”) to replace DWS Investment Management Americas, Inc. (“DWS”) as subadvisor to the fund, and RREEF America L.L.C. (“RREEF”) as sub-subadvisor to the fund, effective on or about the close of business on November 16, 2020 (the “Effective Date”). The Board also approved changes to the principal investment strategies, primary benchmark, a reduction in the fund’s management fee schedule, and additional changes described below, each effective as of the Effective Date.

In connection with the changes described above, the Prospectus is hereby amended as of the Effective Date as follows:

1. All references to DWS and RREEF will be deleted and replaced with Wellington Management as the subadvisor.
2. The disclosure as it relates to the fund under “Principal investment strategies” in the “Fund summary” section of the prospectus will be amended and restated in its entirety as follows:

Under normal market conditions, the fund invests at least 80% of its net assets (plus any borrowings for investment purposes) in equity securities of real estate investment trusts (“REITs”) and real estate companies. Equity securities include common stock, preferred stock and securities convertible into common stock.

A company is considered to be a real estate company if the Global Industry Classification Standards (or some other common industry accepted sector or industry classification schema) includes the company within its Real Estate sector or Hotels, Restaurants & Leisure Industry or Homebuilding sub-industry.

The manager looks for real estate securities it believes will provide superior returns to the fund, and attempts to focus on companies with the potential for stock price appreciation and a record of paying dividends.

Our approach to real estate investing is based on a bottom-up analysis of factors affecting individual securities, combined with a top-down analysis of the real estate market. We believe that property markets overly discount and extrapolate short-term events and that a research-intensive and long-term focus are the keys to sustainable alpha generation. By focusing on multiple valuation metrics and leveraging our analytical resources at both the team and firm level, we are able to identify short-term dislocations between stock prices and fundamentals, and ultimately invest in what we believe are long-term winners at below market valuations. Our bottom-up research coupled with top-down trends in the property markets allow us to effectively capture inflection points and own companies with dominant and improving market positions before their true value is recognized by the broader investment community.

A REIT invests primarily in income-producing real estate or makes loans to persons involved in the real estate industry.

Some REITs, called equity REITs, buy real estate and pay investors income from the rents received from the real estate owned by the REIT and from any profits on the sale of its properties. Other REITs, called mortgage REITs, lend money to building developers and other real estate companies and pay investors income from the interest paid on those loans. There are also hybrid REITs which engage in both owning real estate and making loans.

If a REIT meets certain requirements, it is not taxed on the income it distributes to its investors.

The fund may realize some short-term gains or losses if the manager chooses to sell a security because it believes that one or more of the following is true:

- A security is not fulfilling its investment purpose;
- A security has reached its optimum valuation; or
- A particular company or general economic conditions have changed.

Based on its recent practices, the manager expects that the fund's assets will be invested primarily in equity REITs. In changing market conditions, the fund may invest in other types of REITs.

When the manager believes that it is prudent, the fund may invest a portion of its assets in other types of securities. These securities may include convertible securities, short-term securities, bonds, notes, securities of companies not principally engaged in the real estate industry, non-leveraged stock index futures contracts and other similar securities. (Stock index futures contracts, can help the fund's cash assets remain liquid while performing more like stocks.)

The fund may invest up to 10% of its total assets in securities of foreign real estate companies.

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. The fund concentrates its investments in securities of issuers in the real estate industry.

- As of the Effective Date, the following disclosure will be added following the first paragraph under the heading “Past Performance” in the summary section of the prospectus:

Prior to November 16, 2020, the fund was managed by a different subadvisor pursuant to different strategies, and thus, the performance presented prior to this date should not be attributed to the current subadvisor, Wellington Management Company LLP (“Wellington Management”). The fund’s performance shown below might have differed materially had Wellington Management managed the fund prior to November 16, 2020.

- In the “Average annual total returns” table under the heading “Past performance” in the summary section of the prospectus, the returns of the Dow Jones U.S. Select REIT Index are added as stated below.

Average Annual Total Returns for Period Ended 12/31/2019

Average annual total returns (%)	1 Year	5 Year	10 Year	Date of Inception
Series I	29.40	7.82	12.26	04/30/87
Series II	29.08	7.60	12.03	01/28/02
Series NAV	29.47	7.88	12.32	02/28/05
Dow Jones U.S. Select REIT Index* (reflects no deduction for fees, expenses, or taxes)	23.10	6.40	11.57	
MSCI U.S. REIT Index (reflects no deduction for fees, expenses, or taxes)	25.84	7.03	11.93	

** Prior to November 16, 2020, the fund’s primary benchmark was the MSCI U.S. REIT Index. Effective November 16, 2020, the fund’s primary benchmark index is the Dow Jones U.S. Select REIT Index. The Dow Jones U.S. Select REIT Index is better aligned with the fund’s investment strategy.*

- In the summary section of the prospectus, the information under the heading “Portfolio management” is revised and restated in its entirety as follows:

Bradford D. Stoesser
 Senior Managing Director and Equity Portfolio Manager
 Managed fund since 2020

- The information in the “Subadvisors and Portfolio Managers” section of the prospectus under the heading “Wellington Management Company LLP (“Wellington Management”)” is amended to include the fund and Bradford D. Stoesser as Portfolio Manager of the fund.

Bradford D. Stoesser, Senior Managing Director and Equity Portfolio Manager of Wellington Management; joined the firm as an investment professional in 2005.

7. In addition, 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
Real Estate Securities Trust	0.700%	— first \$1.5 billion; and
	0.680%	— excess over \$1.5 billion.*

** The fee schedule above became effective on November 16, 2020.*

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 25, 2020 to the current
Prospectus, as may be supplemented (the “Prospectus”)**

Blue Chip Growth Trust (the “fund”)

The information found under “Fees and expenses” and “Expense example” in the fund summary is amended and restated as follows to reflect the new advisory fee schedule, which will become effective on or about July 1, 2020:

Fees and expenses

This table describes the fees and expenses that you may pay if you buy and hold shares of the fund. The fees and expenses do not reflect fees and expenses of any variable insurance contract that may use the fund as its underlying investment option and would be higher if they did.

Annual fund operating expenses (%) (expenses that you pay each year as a percentage of the value of your investment)

	Series I	Series II	Series NAV
Management fee ¹	0.74	0.74	0.74
Distribution and service (Rule 12b-1) fees	0.05	0.25	0.00
Other expenses	0.04	0.04	0.04
Total annual fund operating expenses	0.83	1.03	0.78
Contractual expense reimbursement ²	-0.01	-0.01	-0.01
Total annual fund operating expenses after expense reimbursements	0.82	1.02	0.77

¹ "Management fee" has been restated to reflect the contractual management fee schedule effective July 1, 2020.

² The advisor contractually agrees to waive a portion of its management fee and/or reimburse expenses for the fund and certain other John Hancock funds according to an asset level breakpoint schedule that is based on the aggregate net assets of all the funds participating in the waiver or reimbursement. This waiver is allocated proportionally among the participating funds. During its most recent fiscal year, the fund's reimbursement amounted to 0.01% of the fund's average daily net assets. This agreement expires on July 31, 2022, unless renewed by mutual agreement of the fund and the advisor based upon a determination that this is appropriate under the circumstances at that time.

Expense example

The examples are intended to help you compare the cost of investing in the fund with the cost of investing in other mutual funds. The examples assume that \$10,000 is invested in the fund for the periods indicated and then all shares are redeemed at the end of those periods. The examples also assume that the investment has a 5% return each year and that the fund's operating expenses remain the same. The expense example does not reflect fees and expenses of any variable insurance contract that may use the fund as its underlying investment option and would be higher if they did. Although your actual costs may be higher or lower, based on these assumptions your costs would be:

Expenses (\$)	Series I	Series II	Series NAV
1 year	84	104	79
3 years	264	327	248
5 years	460	568	432
10 years	1,024	1,259	965

Effective on or about July 1, 2020, the advisory fee schedule for the fund, as shown in “Appendix A Schedule of Management Fees,” is revised and restated as follows:

- 0.825% first \$500 million;
- 0.800% between \$500 million and \$1 billion;[#]
- 0.750% between \$1 billion and \$3 billion; and
- 0.725% excess over \$3 billion.[†]

[#]When Aggregate Net Assets exceed \$1 billion on any day, the annual rate of advisory fee for that day is 0.750% on the first \$1 billion of Aggregate Net Assets.

[†]The fee schedule above will become effective on or about July 1, 2020.

Equity Income Trust (the “fund”)

The information found under “Fees and expenses” and “Expense example” in the fund summary is amended and restated as follows to reflect the new advisory fee schedule, which became effective as of May 1, 2020:

Fees and expenses

This table describes the fees and expenses that you may pay if you buy and hold shares of the fund. The fees and expenses do not reflect fees and expenses of any variable insurance contract that may use the fund as its underlying investment option and would be higher if they did.

Annual fund operating expenses (%) (expenses that you pay each year as a percentage of the value of your investment)	Series I	Series II	Series NAV
Management fee ¹	0.69	0.69	0.69
Distribution and service (Rule 12b-1) fees	0.05	0.25	0.00
Other expenses	0.05	0.05	0.05
Total annual fund operating expenses	0.79	0.99	0.74
Contractual expense reimbursement ²	-0.01	-0.01	-0.01
Total annual fund operating expenses after expense reimbursements	0.78	0.98	0.73

¹ "Management fee" has been restated to reflect the contractual management fee schedule effective May 1, 2020.

² The advisor contractually agrees to waive a portion of its management fee and/or reimburse expenses for the fund and certain other John Hancock funds according to an asset level breakpoint schedule that is based on the aggregate net assets of all the funds participating in the waiver or reimbursement. This waiver is allocated proportionally among the participating funds. During its most recent fiscal year, the fund's reimbursement amounted to 0.01% of the fund's average daily net assets. This agreement expires on July 31, 2022, unless renewed by mutual agreement of the fund and the advisor based upon a determination that this is appropriate under the circumstances at that time.

Expense example

The examples are intended to help you compare the cost of investing in the fund with the cost of investing in other mutual funds. The examples assume that \$10,000 is invested in the fund for the periods indicated and then all shares are redeemed at the end of those periods. The examples also assume that the investment has a 5% return each year and that the fund’s operating expenses remain the same. The expense example does not reflect fees and expenses of any variable insurance contract that may use the fund as its underlying investment option and would be higher if they did. Although your actual costs may be higher or lower, based on these assumptions your costs would be:

Expenses (\$)	Series I	Series II	Series NAV
1 year	80	100	75
3 years	251	314	236
5 years	438	546	410
10 years	977	1,212	917

Effective May 1, 2020, the advisory fee schedule for the fund, as shown in "Appendix A Schedule of Management Fees," is revised and restated as follows:

- 0.800% first \$100 million;
- 0.775% between \$100 million and \$200 million;[#]
- 0.750% between \$200 million and \$500 million;^{##}
- 0.725% between \$500 million and \$1 billion;^{###}
- 0.725% between \$1 billion and \$1.5 billion;^{####}
- 0.700% between \$1.5 billion and \$2 billion;^{#####}
- 0.695% between \$2 billion and \$3 billion;^{#####}
- 0.690% between \$3 billion and \$4 billion;^{#####}
- 0.680% between \$4 billion and \$5.5 billion;^{#####}
- 0.675% between \$5.5 billion and \$7.5 billion; and^{#####}
- 0.670% excess over \$7.5 billion.[†]

[#]When Aggregate Net Assets exceed \$200 million on any day, the annual rate of advisory fee for that day is 0.775% on the first \$200 million of Aggregate Net Assets.

^{##}When Aggregate Net Assets exceed \$500 million on any day, the annual rate of advisory fee for that day is 0.750% on the first \$500 million of Aggregate Net Assets and 0.725% on the amount above \$500 million.

^{###}When Aggregate Net Assets exceed \$1 billion on any day, the annual rate of advisory fee for that day is 0.725% on the first \$1 billion of Aggregate Net Assets.

^{####}When Aggregate Net Assets exceed \$1.5 billion on any day, the annual rate of advisory fee for that day is 0.700% on the first \$1.5 billion of Aggregate Net Assets.

^{#####}When Aggregate Net Assets exceed \$2 billion on any day, the annual rate of advisory fee for that day is 0.695% on the first \$2 billion of Aggregate Net Assets.

^{#####}When Aggregate Net Assets exceed \$3 billion on any day, the annual rate of advisory fee for that day is 0.690% on the first \$3 billion of Aggregate Net Assets.

^{#####}When Aggregate Net Assets exceed \$4 billion on any day, the annual rate of advisory fee for that day is 0.680% on the first \$4 billion of Aggregate Net Assets.

^{#####}When Aggregate Net Assets exceed \$5.5 billion on any day, the annual rate of advisory fee for that day is 0.675% on the first \$5.5 billion of Aggregate Net Assets.

^{#####}When Aggregate Net Assets exceed \$7.5 billion on any day, the annual rate of advisory fee for that day is 0.670% on the first \$7.5 billion of Aggregate Net Assets.

[†]The fee schedule above became effective on May 1, 2020.

**Global Equity Trust (formerly Mutual Shares Trust)
Global Trust**

At a meeting held on June 23-25, 2020, the Board of Trustees of John Hancock Variable Insurance Trust (the “Board”) approved an Agreement and Plan of Reorganization providing for the following fund reorganization:

<u>Acquired Fund</u>	<u>Acquiring Fund</u>
Global Equity Trust (formerly Mutual Shares Trust)	Global Trust

A meeting of the shareholders of the Acquired Fund has been scheduled for Wednesday, September 23, 2020, to seek approval of its reorganization. Subject to regulatory and shareholder approval, the reorganization is scheduled to occur immediately after the close of business on or about Friday, November 6, 2020.

The foregoing is not an offer to sell, nor a solicitation of an offer to buy, shares of any funds, nor is it a solicitation of any proxy. For important information regarding any of these reorganizations, or to receive a free copy of a proxy statement/prospectus relating to the proposed merger, once it is available, please call the appropriate phone number listed below. The proxy statement/prospectus contains important information about fund objectives, strategies, fees, expenses and risk considerations. The proxy statement/prospectus is also available for free on the SEC’s website (www.sec.gov). Please read the proxy statement/prospectus carefully before making any decision to invest or when considering a merger 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

High Yield Trust (the “fund”)

On June 25, 2020, the Board approved (i) a new subadvisory agreement between John Hancock Variable Trust Advisers LLC and Western Asset Management Company, LLC (“WAMCO”) and (ii) a new sub-subadvisory agreement between WAMCO and Western Asset Management Company Limited (“WAMCL”) with respect to the fund (together, the “Agreements”). The Agreements were approved in connection with the acquisition (the “Acquisition”) by Franklin Resources, Inc. of Legg Mason, Inc., the parent company of WAMCO and WAMCL, the current subadvisor and sub-subadvisor to the fund. The Agreements will become effective on the closing date of the Acquisition, which is expected to be on or about August 1, 2020. Following the Acquisition, no changes are anticipated in the personnel managing the fund or in the level of services provided to the fund.

Opportunistic Fixed Income Trust (formerly Global Bond Fund) (the “fund”)

Effective on or about July 1, 2020, the advisory fee schedule for the fund, as shown in “Appendix A Schedule of Management Fees,” is revised and restated as follows:

0.650% first \$1 billion; and
0.625% excess over \$1 billion.†

†The fee schedule above will become effective on or about July 1, 2020.

Small Cap Value Trust (the “fund”)

The information found under “Fees and expenses” and “Expense example” in the fund summary is amended and restated as follows to reflect the new advisory fee schedule, which will become effective on or about July 1, 2020:

Fees and expenses

This table describes the fees and expenses that you may pay if you buy and hold shares of the fund. The fees and expenses do not reflect fees and expenses of any variable insurance contract that may use the fund as its underlying investment option and would be higher if they did.

Annual fund operating expenses (%) (expenses that you pay each year as a percentage of the value of your investment)	Series I	Series II	Series NAV
Management fee ¹	0.94	0.94	0.94
Distribution and service (Rule 12b-1) fees	0.05	0.25	0.00
Other expenses	0.06	0.06	0.06
Acquired fund fees and expenses ²	0.11	0.11	0.11
Total annual fund operating expenses³	1.16	1.36	1.11
Contractual expense reimbursement ⁴	-0.01	-0.01	-0.01
Total annual fund operating expenses after expense reimbursements	1.15	1.35	1.10

¹ "Management fee" has been restated to reflect the contractual management fee schedule effective July 1, 2020.

² "Acquired fund fees and expenses" are based on indirect net expenses associated with the fund's investments in underlying investment companies.

³ The "Total annual fund operating expenses" shown may not correlate to the fund's ratios of expenses to average daily net assets shown in the "Financial highlights" section of the fund's prospectus, which does not include "Acquired fund fees and expenses."

⁴ The advisor contractually agrees to waive a portion of its management fee and/or reimburse expenses for the fund and certain other John Hancock funds according to an asset level breakpoint schedule that is based on the aggregate net assets of all the funds participating in the waiver or reimbursement. This waiver is allocated proportionally among the participating funds. During its most recent fiscal year, the fund's reimbursement amounted to 0.01% of the fund's average daily net assets. This agreement expires on July 31, 2022, unless renewed by mutual agreement of the fund and the advisor based upon a determination that this is appropriate under the circumstances at that time.

Expense example

The examples are intended to help you compare the cost of investing in the fund with the cost of investing in other mutual funds. The examples assume that \$10,000 is invested in the fund for the periods indicated and then all shares are redeemed at the end of those periods. The examples also assume that the investment has a 5% return each year and that the fund's operating expenses remain the same. The expense example does not reflect fees and expenses of any variable insurance contract that may use the fund as its underlying investment option and would be higher if they did. Although your actual costs may be higher or lower, based on these assumptions your costs would be:

Expenses (\$)	Series I	Series II	Series NAV
1 year	117	137	112
3 years	367	430	352
5 years	637	744	611
10 years	1,408	1,634	1,351

In addition, effective on or about July 1, 2020, the advisory fee schedule for the fund, as shown in “Appendix A Schedule of Management Fees,” is revised and restated as follows:

- 0.950% first \$250 million;
- 0.940% next \$500 million;
- 0.930% next \$500 million; and
- 0.920% excess over \$1.25 billion.[†]

[†]The fee schedule above will become effective on or about July 1, 2020.

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

The following notice provides important information about the recent change in the management of your fund.
If you have any questions, please call John Hancock at the appropriate toll-free number set forth below.

IMPORTANT NOTICE OF INTERNET AVAILABILITY OF INFORMATION STATEMENT

Relating to

DISCIPLINED VALUE INTERNATIONAL TRUST (FORMERLY, INTERNATIONAL VALUE TRUST)

a series of John Hancock Variable Insurance Trust

200 Berkeley Street
Boston, Massachusetts 02116
Telephone: 1-800-344-1029

This communication (the “Notice”) presents only an overview of a more complete Information Statement that is available to you on the internet relating to Disciplined Value International Trust (formerly, International Value Trust) (the “Fund”), a series of John Hancock Variable Insurance Trust (the “Trust” or “JHVIT”). Although you are not a shareholder of JHVIT, your purchase payments and the earnings on such payments under your variable annuity or variable life insurance contracts issued by John Hancock Life Insurance Company (U.S.A.) (“John Hancock USA”) or John Hancock Life Insurance Company of New York (“John Hancock NY”) are invested in subaccounts of separate accounts established by these insurance companies. Each subaccount invests in shares of a JHVIT fund, including the Fund. We encourage you to access and review all of the important information contained in the Information Statement.

The Information Statement details a subadvisor change relating to the Fund that took effect on February 12, 2020. At an in-person meeting held on December 10-12, 2019, pursuant to the recommendation of John Hancock Variable Trust Advisers LLC (the “Advisor”), the Board of Trustees of the Trust (the “Board”) approved a new subadvisory agreement appointing Boston Partners Global Investors, Inc. (“Boston Partners”) as subadvisor to the Fund. At the same time, the Board approved the termination of Templeton Investment Counsel, LLC (“Templeton”) as subadvisor to the Fund and Templeton Global Advisors Limited as sub-subadvisor to the Fund. After a thorough review of management’s recommendation, the Board appointed Boston Partners to manage the Fund’s portfolio.

The appointment of Boston Partners as the Fund’s subadvisor was effected in accordance with an exemptive order (the “Order”) that the U.S Securities and Exchange Commission granted to the Trust permitting the Advisor to enter into and materially amend subadvisory agreements with unaffiliated subadvisors solely with Board approval, subject to certain conditions, and without obtaining shareholder approval. Consequently, the Trust is not soliciting proxies to approve this change. The Order does, however, require that an information statement be provided to you containing much of the same information that would have been included in a proxy statement soliciting approval of the new subadvisory agreement with Boston Partners. In lieu of physical delivery of the Information Statement (other than on request as described below), JHVIT will make the Information Statement available to you online.

The Information Statement will be available to review on the Fund’s Website at https://www.johnhancock.com/content/dam/onejohnhancock/pdfs/xbrl/Notice_Re_DVI.pdf until 90 days from the date the *Notice* is first distributed. A paper or email copy of the Information Statement may be obtained, without charge, by contacting the appropriate toll-free number below no later than 90 days from the date the *Notice* is first distributed:

—For John Hancock USA variable annuity contracts: (800) 344-1029

—For John Hancock USA variable life contracts: (800) 827-4546

—For John Hancock NY variable annuity contracts: (800) 551-2078

—For John Hancock NY variable life contracts: (888) 267-7784

If you want to receive a paper or email copy of the Information Statement free of charge, you must request one no later than 90 days from the date the *Notice* is first distributed. There is no charge to you for requesting a copy.

JHVIT Discipline Intl Trust 5/12/2020

The following notice provides important information about the recent change in the management of your fund.
If you have any questions, please call John Hancock at the appropriate toll-free number set forth below.

IMPORTANT NOTICE OF INTERNET AVAILABILITY OF INFORMATION STATEMENT

Relating to

OPPORTUNISTIC FIXED INCOME TRUST (FORMERLY, GLOBAL BOND TRUST)

a series of John Hancock Variable Insurance Trust

200 Berkeley Street

Boston, Massachusetts 02116

Telephone: 1-800-344-1029

This communication (the “Notice”) presents only an overview of a more complete Information Statement that is available to you on the internet relating to Opportunistic Fixed Income Trust (formerly, Global Bond Trust) (the “Fund”), a series of John Hancock Variable Insurance Trust (the “Trust” or “JHVIT”). Although you are not a shareholder of JHVIT, your purchase payments and the earnings on such payments under your variable annuity or variable life insurance contracts issued by John Hancock Life Insurance Company (U.S.A.) (“John Hancock USA”) or John Hancock Life Insurance Company of New York (“John Hancock NY”) are invested in subaccounts of separate accounts established by these insurance companies. Each subaccount invests in shares of a JHVIT fund, including the Fund. We encourage you to access and review all of the important information contained in the Information Statement.

The Information Statement details a subadvisor change relating to the Fund that took effect on February 28, 2020. At an in-person meeting held on December 10-12, 2019, pursuant to the recommendation of John Hancock Variable Trust Advisers LLC (the “Advisor”), the Board of Trustees of the Trust (the “Board”) approved an amendment to the subadvisory agreement dated January 29, 1999 appointing Wellington Management Company LLC (“Wellington”) as subadvisor to the Fund. At the same time, the Board approved the termination of Pacific Investment Management Company LLC (“PIMCO”) as subadvisor to the Fund. After a thorough review of management’s recommendation, the Board appointed Wellington to manage the Fund’s portfolio.

The appointment of Wellington as the Fund’s subadvisor was effected in accordance with an exemptive order (the “Order”) that the U.S Securities and Exchange Commission granted to the Trust permitting the Advisor to enter into and materially amend subadvisory agreements with unaffiliated subadvisors solely with Board approval, subject to certain conditions, and without obtaining shareholder approval. Consequently, the Trust is not soliciting proxies to approve this change. The Order does, however, require that an information statement be provided to you containing much of the same information that would have been included in a proxy statement soliciting approval of the new subadvisory agreement with Wellington. In lieu of physical delivery of the Information Statement (other than on request as described below), JHVIT will make the Information Statement available to you online.

The Information Statement will be available to review on the Fund’s Website at https://www.johnhancock.com/content/dam/onejohnhancock/pdfs/xbrl/Notice_Re_OFI.pdf until 90 days from the date the *Notice* is first distributed. A paper or email copy of the Information Statement may be obtained, without charge, by contacting the appropriate toll-free number below no later than 90 days from the date the *Notice* is first distributed:

- For John Hancock USA variable annuity contracts: (800) 344-1029
- For John Hancock USA variable life contracts: (800) 827-4546
- For John Hancock NY variable annuity contracts: (800) 551-2078

—For John Hancock NY variable life contracts:

(888) 267-7784

If you want to receive a paper or email copy of the Information Statement free of charge, you must request one no later than 90 days from the date the *Notice* is first distributed. There is no charge to you for requesting a copy.

JHVIT Opp Fixed income trust 5/12/2020