



JOHN HANCOCK Variable Insurance Trust



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Semiannual report
June 30, 2023

John Hancock Variable Insurance Trust

Semiannual report — Table of contents

Sector weightings	3
Shareholder expense example	6
Summary Portfolio of investments (See below for each portfolio's page #)	11
Statements of assets and liabilities	49
Statements of operations	58
Statements of changes in net assets	67
Financial highlights	73
Notes to financial statements	90
Evaluation of advisory and subadvisory agreements by the Board of Trustees	131
Appendix A	135
Statement regarding liquidity risk management	147
For more information	148

Portfolio	Summary Portfolio of investments	Portfolio	Summary Portfolio of investments
500 Index Trust	11	International Small Company Trust	32
American Asset Allocation Trust	12	Lifestyle Balanced Portfolio	33
American Global Growth Trust	12	Lifestyle Conservative Portfolio	34
American Growth Trust	12	Lifestyle Growth Portfolio	34
American Growth-Income Trust	12	Lifestyle Moderate Portfolio	34
American International Trust	12	Mid Cap Growth Trust	35
Blue Chip Growth Trust	12	Mid Cap Index Trust	36
Capital Appreciation Trust	13	Mid Value Trust	37
Capital Appreciation Value Trust	14	Real Estate Securities Trust	38
Disciplined Value International Trust	22	Science & Technology Trust	38
Emerging Markets Value Trust	23	Small Cap Index Trust	39
Equity Income Trust	25	Small Cap Opportunities Trust	40
Financial Industries Trust	26	Small Cap Stock Trust	41
Fundamental All Cap Core Trust	26	Small Cap Value Trust	42
Fundamental Large Cap Value Trust	27	Small Company Value Trust	43
Global Equity Trust	28	Strategic Equity Allocation Trust	44
Health Sciences Trust	29	Total Stock Market Index Trust	46
International Equity Index Trust	30		

John Hancock Variable Insurance Trust

Sector weightings

500 Index Trust

Sector Composition (% of net assets)	
Information technology	27.2
Health care	12.9
Financials	11.9
Consumer discretionary	10.2
Industrials	8.3
Communication services	8.1
Consumer staples	6.4
Energy	3.9
Utilities	2.5
Materials	2.4
Real estate	2.3
Short-term investments and other	3.9

American Asset Allocation Trust

Portfolio Composition (% of net assets)*	
Common stocks	69.0
Corporate bonds	9.4
Collateralized mortgage obligations	7.3
U.S. Government and agency obligations	6.0
Asset backed securities	2.1
Foreign government obligations	0.2
Municipal bonds	0.1
Short-term investments and other	5.9

American Global Growth Trust

Sector Composition (% of net assets)*	
Information technology	24.8
Health care	20.5
Consumer discretionary	15.1
Financials	9.5
Industrials	8.0
Consumer staples	7.9
Materials	4.0
Communication services	3.4
Energy	3.2
Utilities	0.1
Short-term investments and other	3.5

American Growth Trust

Sector Composition (% of net assets)*	
Information technology	19.9
Communication services	17.9
Consumer discretionary	15.5
Health care	14.1
Industrials	12.2
Financials	6.6
Energy	4.3
Consumer staples	3.9
Materials	2.5
Utilities	0.7
Real estate	0.4
Short-term investments and other	2.0

American Growth-Income Trust

Sector Composition (% of net assets)*	
Information technology	20.3
Industrials	16.2
Health care	12.8
Financials	10.9
Communication services	9.0
Consumer discretionary	8.5
Consumer staples	5.8
Energy	3.7
Utilities	3.5
Materials	3.0
Real estate	1.2
Short-term investments and other	5.1

American International Trust

Sector Composition (% of net assets)*	
Industrials	16.3
Information technology	15.2
Health care	13.4
Materials	11.0
Consumer discretionary	10.9
Financials	9.1
Energy	8.7
Communication services	6.5
Consumer staples	3.5
Utilities	1.4
Real estate	0.6
Short-term investments and other	3.4

Blue Chip Growth Trust

Sector Composition (% of net assets)	
Information technology	43.7
Communication services	15.2
Consumer discretionary	14.8
Health care	12.7
Financials	10.2
Industrials	1.4
Materials	1.0
Consumer staples	0.6
Utilities	0.2
Short-term investments and other	0.2

Capital Appreciation Trust

Sector Composition (% of net assets)	
Information technology	38.6
Consumer discretionary	24.9
Health care	11.0
Financials	9.6
Communication services	9.0
Consumer staples	3.0
Industrials	2.0
Real estate	1.0
Energy	0.5
Short-term investments and other	0.4

Capital Appreciation Value Trust

Portfolio Composition (% of net assets)	
Common stocks	66.3
Term loans	9.5
U.S. Government	8.5
Corporate bonds	7.9
Preferred securities	0.3
Asset backed securities	0.1
Short-term investments and other	7.4

Disciplined Value International Trust

Sector Composition (% of net assets)	
Financials	20.5
Industrials	16.4
Consumer discretionary	13.8
Energy	9.3
Consumer staples	8.5
Health care	8.4
Materials	7.7
Information technology	7.2
Communication services	3.8
Utilities	1.8
Short-term investments and other	2.6

Emerging Markets Value Trust

Sector Composition (% of net assets)	
Financials	29.5
Materials	14.0
Information technology	12.9
Energy	10.3
Industrials	9.7
Consumer discretionary	8.5
Real estate	4.0
Communication services	3.0
Consumer staples	2.8
Health care	2.5
Utilities	1.4
Short-term investments and other	1.4

Equity Income Trust

Sector Composition (% of net assets)	
Financials	20.7
Health care	17.4
Industrials	11.8
Energy	8.1
Information technology	8.0
Consumer staples	7.7
Utilities	7.3
Consumer discretionary	5.1
Communication services	4.6
Real estate	4.2
Materials	3.5
Short-term investments and other	1.6

John Hancock Variable Insurance Trust

Sector weightings

Financial Industries Trust

Industry Composition (% of net assets)	
Banks	47.7
Capital markets	21.2
Insurance	20.3
Financial services	3.4
Industrial REITs	2.6
Consumer finance	1.3
Mortgage real estate investment trusts	0.6
Specialized REITs	0.1
Short-term investments and other	2.8

Fundamental All Cap Core Trust

Sector Composition (% of net assets)	
Information technology	26.0
Consumer discretionary	21.6
Financials	15.6
Communication services	10.8
Health care	5.5
Consumer staples	5.2
Industrials	4.9
Energy	4.4
Real estate	4.3
Materials	1.3
Short-term investments and other	0.4

Fundamental Large Cap Value Trust

Sector Composition (% of net assets)	
Financials	18.0
Information technology	15.3
Industrials	14.6
Health care	13.0
Communication services	8.6
Consumer discretionary	8.4
Consumer staples	7.6
Energy	6.3
Real estate	2.4
Materials	2.2
Short-term investments and other	3.6

Global Equity Trust

Sector Composition (% of net assets)	
Information technology	22.1
Financials	16.8
Health care	10.9
Industrials	9.5
Consumer staples	9.5
Consumer discretionary	8.5
Materials	7.4
Communication services	6.7
Energy	4.5
Utilities	1.8
Real estate	0.9
Short-term investments and other	1.4

Health Sciences Trust

Industry Composition (% of net assets)	
Biotechnology	29.9
Health care providers and services	18.5
Pharmaceuticals	18.1
Health care equipment and supplies	17.6
Life sciences tools and services	13.8
Health care technology	1.2
Specialty retail	0.1
Short-term investments and other	0.8

International Equity Index Trust

Sector Composition (% of net assets)	
Financials	19.7
Industrials	13.0
Consumer discretionary	11.9
Information technology	11.6
Health care	9.4
Consumer staples	8.5
Materials	7.7
Energy	5.3
Communication services	5.3
Utilities	3.2
Real estate	1.9
Short-term investments and other	2.5

International Small Company Trust

Sector Composition (% of net assets)	
Industrials	23.8
Financials	13.2
Consumer discretionary	12.6
Materials	11.5
Information technology	10.8
Consumer staples	6.0
Energy	5.0
Health care	5.0
Real estate	4.0
Communication services	3.7
Utilities	3.1
Short-term investments and other	1.3

Lifestyle Balanced Portfolio

Asset Allocation (% of net assets)	
Equity	51.0
Fixed income	49.0

Lifestyle Conservative Portfolio

Asset Allocation (% of net assets)	
Fixed income	80.0
Equity	20.0

Lifestyle Growth Portfolio

Asset Allocation (% of net assets)	
Equity	71.4
Fixed income	28.6

Lifestyle Moderate Portfolio

Asset Allocation (% of net assets)	
Fixed income	59.5
Equity	40.5

Mid Cap Growth Trust

Sector Composition (% of net assets)	
Health care	25.4
Industrials	16.9
Information technology	16.3
Consumer discretionary	14.9
Communication services	7.2
Financials	7.0
Consumer staples	5.2
Energy	4.2
Materials	1.4
Short-term investments and other	1.5

Mid Cap Index Trust

Sector Composition (% of net assets)	
Industrials	22.1
Consumer discretionary	14.4
Financials	13.0
Information technology	10.0
Health care	9.1
Real estate	7.1
Materials	7.1
Consumer staples	4.2
Energy	4.0
Utilities	3.2
Communication services	2.0
Short-term investments and other	3.8

Mid Value Trust

Sector Composition (% of net assets)	
Industrials	17.8
Financials	14.3
Health care	11.0
Information technology	9.3
Consumer discretionary	8.0
Consumer staples	7.2
Real estate	7.0
Energy	6.7
Utilities	6.7
Materials	5.5
Communication services	4.1
Short-term investments and other	2.4

John Hancock Variable Insurance Trust

Sector weightings

Real Estate Securities Trust

Industry Composition (% of net assets)	
Specialized REITs	25.3
Residential REITs	18.8
Industrial REITs	17.2
Retail REITs	13.9
Health care REITs	10.7
Hotels, restaurants and leisure	2.6
Diversified REITs	2.3
Real estate management and development	2.2
Hotel and resort REITs	2.1
Health care providers and services	1.4
Construction and engineering	1.1
Office REITs	1.0
Household durables	0.5
Short-term investments and other	0.9

Science & Technology Trust

Sector Composition (% of net assets)	
Information technology	51.1
Consumer discretionary	21.5
Communication services	12.4
Financials	6.0
Industrials	0.8
Real estate	0.5
Health care	0.3
Short-term investments and other	7.4

Small Cap Index Trust

Sector Composition (% of net assets)	
Industrials	16.7
Health care	16.2
Financials	14.4
Information technology	13.1
Consumer discretionary	10.1
Energy	6.5
Real estate	5.9
Materials	4.4
Consumer staples	3.3
Utilities	2.9
Communication services	2.4
Short-term investments and other	4.1

Small Cap Opportunities Trust

Sector Composition (% of net assets)	
Industrials	20.7
Financials	18.2
Consumer discretionary	15.0
Health care	11.8
Information technology	11.6
Energy	7.6
Materials	6.8
Consumer staples	3.3
Communication services	2.0
Real estate	1.6
Utilities	0.3
Short-term investments and other	1.1

Small Cap Stock Trust

Sector Composition (% of net assets)	
Health care	23.9
Industrials	23.1
Information technology	17.0
Consumer discretionary	11.3
Financials	5.1
Consumer staples	5.0
Communication services	3.9
Energy	3.7
Materials	3.3
Real estate	2.8
Short-term investments and other	0.9

Small Cap Value Trust

Sector Composition (% of net assets)	
Financials	23.5
Industrials	21.5
Real estate	11.1
Consumer discretionary	9.7
Information technology	9.2
Materials	8.3
Energy	4.2
Health care	3.6
Utilities	3.0
Consumer staples	2.4
Communication services	1.4
Short-term investments and other	2.1

Small Company Value Trust

Sector Composition (% of net assets)	
Financials	24.7
Industrials	14.2
Consumer discretionary	11.1
Health care	10.9
Real estate	9.9
Energy	7.0
Information technology	6.3
Utilities	5.2
Materials	4.7
Consumer staples	2.6
Communication services	1.0
Short-term investments and other	2.4

Strategic Equity Allocation Trust

Sector Composition (% of net assets)	
Information technology	19.0
Financials	13.9
Health care	12.7
Industrials	12.0
Consumer discretionary	11.1
Consumer staples	7.1
Communication services	6.0
Materials	4.3
Energy	4.1
Utilities	2.8
Real estate	2.8
Short-term investments and other	4.2

Total Stock Market Index Trust

Sector Composition (% of net assets)	
Information technology	25.7
Health care	12.9
Financials	12.7
Consumer discretionary	11.0
Industrials	9.6
Communication services	7.8
Consumer staples	6.6
Energy	4.0
Real estate	2.8
Materials	2.7
Utilities	2.3
Short-term investments and other	1.9

Notes about risk

The portfolios may be subject to various risks as described in the portfolios' prospectus. Political tensions and armed conflicts, including the Russian invasion of Ukraine, and any resulting economic sanctions on entities and/or individuals of a particular country could lead such a country into an economic recession. The COVID-19 disease has resulted in significant disruptions to global business activity. A widespread health crisis such as a global pandemic could cause substantial market volatility, exchange-trading suspensions, and closures, which may lead to less liquidity in certain instruments, industries, sectors or the markets generally, and may ultimately affect portfolio performance. For more information, please refer to the "Principal risks" section of the prospectus.

* The weightings represent the holdings of the American Funds Insurance Series. For further details, please visit the American Funds website at americanfunds.com/afis.

John Hancock Variable Insurance Trust

Shareholder expense example

As a shareholder of a portfolio of John Hancock Variable Insurance Trust, you incur ongoing costs, such as management fees, distribution (Rule 12b-1) fees and other expenses. In the case of the American Portfolios and the Lifestyle Portfolios, in addition to the operating expenses which the portfolio bears directly, the portfolio indirectly bears a pro rata share of the operating expenses of the underlying funds in which the portfolio invests. Because the underlying funds have varied operating expenses and transaction costs and the portfolio may own different proportions of the underlying funds at different times, the amount of expenses incurred indirectly by the portfolio will vary. Had these indirect expenses been reflected in the following analysis, total expenses would be higher than amounts shown.

These examples are intended to help you understand your ongoing costs (in dollars) of investing in a portfolio so you can compare these costs with the ongoing costs of investing in other mutual funds. The examples are based on an investment of \$1,000 at the beginning of the period and held for the entire period (January 1, 2023 through June 30, 2023).

Actual expenses:

The first line of each share class in the following table provides information about actual account values and actual expenses. You may use the information in this line, together with the amount you invested, to estimate the expenses that you paid over the period. Simply divide your account value by \$1,000 (for example, an \$8,600 account value divided by \$1,000 = 8.6), then multiply the result by the number in the first line under the heading entitled "Expenses paid during period ended" to estimate the expenses you paid on your account during this period.

Hypothetical example for comparison purposes:

The second line of each share class in the following table provides information about hypothetical account values and hypothetical expenses based on the actual expense ratio for the share class and an assumed annualized rate of return of 5% per year before expenses, which is not the actual return of the share class. The hypothetical account values and expenses may not be used to estimate the actual ending account balance or expenses you paid for the period. You may use this information to compare the ongoing costs of investing in the portfolio and other funds. To do so, compare this 5% hypothetical example with the 5% hypothetical examples that appear in the shareholder reports of the other funds. Please remember that these hypothetical account values and expenses may not be used to estimate the actual ending account balance or expenses you paid for the period.

Please note that the expenses shown in the table are meant to highlight your ongoing costs only and do not reflect any transactional costs and insurance-related charges. Therefore, the second line of each share class in the table is useful in comparing ongoing costs only, and will not help you determine the relative total costs of owning different funds. In addition, if these transactional costs were included, your costs would have been higher.

		Account value on 1-1-2023	Ending value on 6-30-2023	Expenses paid during period ended 6-30-2023 ¹	Annualized expense ratio
500 Index Trust					
Series I	Actual expenses/actual returns	\$1,000.00	\$1,167.10	\$1.61	0.30%
	Hypothetical example	1,000.00	1,023.30	1.51	0.30%
Series II	Actual expenses/actual returns	1,000.00	1,165.80	2.68	0.50%
	Hypothetical example	1,000.00	1,022.30	2.51	0.50%
Series NAV	Actual expenses/actual returns	1,000.00	1,167.30	1.34	0.25%
	Hypothetical example	1,000.00	1,023.60	1.25	0.25%
American Asset Allocation Trust					
Series I	Actual expenses/actual returns	\$1,000.00	\$1,067.80	\$3.18	0.62% ²
	Hypothetical example	1,000.00	1,021.70	3.11	0.62% ²
Series II	Actual expenses/actual returns	1,000.00	1,066.70	3.64	0.71% ²
	Hypothetical example	1,000.00	1,021.30	3.56	0.71% ²
Series III	Actual expenses/actual returns	1,000.00	1,069.80	1.39	0.27% ²
	Hypothetical example	1,000.00	1,023.50	1.35	0.27% ²
American Global Growth Trust					
Series I	Actual expenses/actual returns	\$1,000.00	\$1,150.00	\$3.47	0.65% ²
	Hypothetical example	1,000.00	1,021.60	3.26	0.65% ²
Series II	Actual expenses/actual returns	1,000.00	1,149.50	3.84	0.72% ²
	Hypothetical example	1,000.00	1,021.20	3.61	0.72% ²
Series III	Actual expenses/actual returns	1,000.00	1,151.60	1.60	0.30% ²
	Hypothetical example	1,000.00	1,023.30	1.51	0.30% ²

John Hancock Variable Insurance Trust

Shareholder expense example

		Account value on 1-1-2023	Ending value on 6-30-2023	Expenses paid during period ended 6-30-2023 ¹	Annualized expense ratio
American Growth Trust					
Series I	Actual expenses/actual returns	\$1,000.00	\$1,246.50	\$3.51	0.63% ²
	Hypothetical example	1,000.00	1,021.70	3.16	0.63% ²
Series II	Actual expenses/actual returns	1,000.00	1,245.60	3.84	0.69% ²
	Hypothetical example	1,000.00	1,021.40	3.46	0.69% ²
Series III	Actual expenses/actual returns	1,000.00	1,248.30	1.56	0.28% ²
	Hypothetical example	1,000.00	1,023.40	1.40	0.28% ²
American Growth-Income Trust					
Series I	Actual expenses/actual returns	\$1,000.00	\$1,145.00	\$3.35	0.63% ²
	Hypothetical example	1,000.00	1,021.70	3.16	0.63% ²
Series II	Actual expenses/actual returns	1,000.00	1,144.40	3.78	0.71% ²
	Hypothetical example	1,000.00	1,021.30	3.56	0.71% ²
Series III	Actual expenses/actual returns	1,000.00	1,147.50	1.49	0.28% ²
	Hypothetical example	1,000.00	1,023.40	1.40	0.28% ²
American International Trust					
Series I	Actual expenses/actual returns	\$1,000.00	\$1,121.80	\$3.31	0.63% ²
	Hypothetical example	1,000.00	1,021.70	3.16	0.63% ²
Series II	Actual expenses/actual returns	1,000.00	1,120.40	4.00	0.76% ²
	Hypothetical example	1,000.00	1,021.00	3.81	0.76% ²
Series III	Actual expenses/actual returns	1,000.00	1,122.90	1.47	0.28% ²
	Hypothetical example	1,000.00	1,023.40	1.40	0.28% ²
Blue Chip Growth Trust					
Series I	Actual expenses/actual returns	\$1,000.00	\$1,351.10	\$4.61	0.79%
	Hypothetical example	1,000.00	1,020.90	3.96	0.79%
Series II	Actual expenses/actual returns	1,000.00	1,349.50	5.77	0.99%
	Hypothetical example	1,000.00	1,019.90	4.96	0.99%
Series NAV	Actual expenses/actual returns	1,000.00	1,351.40	4.31	0.74%
	Hypothetical example	1,000.00	1,021.10	3.71	0.74%
Capital Appreciation Trust					
Series I	Actual expenses/actual returns	\$1,000.00	\$1,368.90	\$4.82	0.82%
	Hypothetical example	1,000.00	1,020.70	4.11	0.82%
Series II	Actual expenses/actual returns	1,000.00	1,369.00	5.99	1.02%
	Hypothetical example	1,000.00	1,019.70	5.11	1.02%
Series NAV	Actual expenses/actual returns	1,000.00	1,366.40	4.52	0.77%
	Hypothetical example	1,000.00	1,021.00	3.86	0.77%
Capital Appreciation Value Trust					
Series I	Actual expenses/actual returns	\$1,000.00	\$1,110.20	\$4.71	0.90%
	Hypothetical example	1,000.00	1,020.30	4.51	0.90%
Series II	Actual expenses/actual returns	1,000.00	1,109.10	5.75	1.10%
	Hypothetical example	1,000.00	1,019.30	5.51	1.10%
Series NAV	Actual expenses/actual returns	1,000.00	1,110.70	4.45	0.85%
	Hypothetical example	1,000.00	1,020.60	4.26	0.85%
Disciplined Value International Trust					
Series I	Actual expenses/actual returns	\$1,000.00	\$1,124.00	\$4.58	0.87%
	Hypothetical example	1,000.00	1,020.50	4.36	0.87%
Series II	Actual expenses/actual returns	1,000.00	1,123.30	5.63	1.07%
	Hypothetical example	1,000.00	1,019.50	5.36	1.07%
Series NAV	Actual expenses/actual returns	1,000.00	1,124.30	4.32	0.82%
	Hypothetical example	1,000.00	1,020.70	4.11	0.82%
Emerging Markets Value Trust					
Series I	Actual expenses/actual returns	\$1,000.00	\$1,081.10	\$5.42	1.05%
	Hypothetical example	1,000.00	1,019.60	5.26	1.05%
Series II	Actual expenses/actual returns	1,000.00	1,079.90	6.45	1.25%
	Hypothetical example	1,000.00	1,018.60	6.26	1.25%
Series NAV	Actual expenses/actual returns	1,000.00	1,081.20	5.16	1.00%
	Hypothetical example	1,000.00	1,019.80	5.01	1.00%

John Hancock Variable Insurance Trust

Shareholder expense example

		Account value on 1-1-2023	Ending value on 6-30-2023	Expenses paid during period ended 6-30-2023 ¹	Annualized expense ratio
Equity Income Trust					
Series I	Actual expenses/actual returns	\$1,000.00	\$1,023.70	\$3.81	0.76%
	Hypothetical example	1,000.00	1,021.00	3.81	0.76%
Series II	Actual expenses/actual returns	1,000.00	1,023.20	4.82	0.96%
	Hypothetical example	1,000.00	1,020.00	4.81	0.96%
Series NAV	Actual expenses/actual returns	1,000.00	1,024.60	3.56	0.71%
	Hypothetical example	1,000.00	1,021.30	3.56	0.71%
Financial Industries Trust					
Series I	Actual expenses/actual returns	\$1,000.00	\$ 921.40	\$4.43	0.93%
	Hypothetical example	1,000.00	1,020.20	4.66	0.93%
Series II	Actual expenses/actual returns	1,000.00	920.40	5.38	1.13%
	Hypothetical example	1,000.00	1,019.20	5.66	1.13%
Series NAV	Actual expenses/actual returns	1,000.00	921.10	4.19	0.88%
	Hypothetical example	1,000.00	1,020.40	4.41	0.88%
Fundamental All Cap Core Trust					
Series I	Actual expenses/actual returns	\$1,000.00	\$1,221.70	\$4.19	0.76%
	Hypothetical example	1,000.00	1,021.00	3.81	0.76%
Series II	Actual expenses/actual returns	1,000.00	1,220.20	5.28	0.96%
	Hypothetical example	1,000.00	1,020.00	4.81	0.96%
Series NAV	Actual expenses/actual returns	1,000.00	1,222.00	3.91	0.71%
	Hypothetical example	1,000.00	1,021.30	3.56	0.71%
Fundamental Large Cap Value Trust					
Series I	Actual expenses/actual returns	\$1,000.00	\$1,129.50	\$4.07	0.77%
	Hypothetical example	1,000.00	1,021.00	3.86	0.77%
Series II	Actual expenses/actual returns	1,000.00	1,128.30	5.12	0.97%
	Hypothetical example	1,000.00	1,020.00	4.86	0.97%
Series NAV	Actual expenses/actual returns	1,000.00	1,129.40	3.80	0.72%
	Hypothetical example	1,000.00	1,021.20	3.61	0.72%
Global Equity Trust					
Series I	Actual expenses/actual returns	\$1,000.00	\$1,121.60	\$4.94	0.94%
	Hypothetical example	1,000.00	1,020.10	4.71	0.94%
Series II	Actual expenses/actual returns	1,000.00	1,120.40	5.99	1.14%
	Hypothetical example	1,000.00	1,019.10	5.71	1.14%
Series NAV	Actual expenses/actual returns	1,000.00	1,121.70	4.68	0.89%
	Hypothetical example	1,000.00	1,020.40	4.46	0.89%
Health Sciences Trust					
Series I	Actual expenses/actual returns	\$1,000.00	\$1,016.80	\$4.95	0.99%
	Hypothetical example	1,000.00	1,019.90	4.96	0.99%
Series II	Actual expenses/actual returns	1,000.00	1,015.40	5.95	1.19%
	Hypothetical example	1,000.00	1,018.90	5.96	1.19%
Series NAV	Actual expenses/actual returns	1,000.00	1,016.80	4.70	0.94%
	Hypothetical example	1,000.00	1,020.10	4.71	0.94%
International Equity Index Trust					
Series I	Actual expenses/actual returns	\$1,000.00	\$1,099.30	\$2.03	0.39%
	Hypothetical example	1,000.00	1,022.90	1.96	0.39%
Series II	Actual expenses/actual returns	1,000.00	1,097.90	3.07	0.59%
	Hypothetical example	1,000.00	1,021.90	2.96	0.59%
Series NAV	Actual expenses/actual returns	1,000.00	1,098.70	1.77	0.34%
	Hypothetical example	1,000.00	1,023.10	1.71	0.34%
International Small Company Trust					
Series I	Actual expenses/actual returns	\$1,000.00	\$1,063.10	\$5.27	1.03%
	Hypothetical example	1,000.00	1,019.70	5.16	1.03%
Series II	Actual expenses/actual returns	1,000.00	1,062.40	6.29	1.23%
	Hypothetical example	1,000.00	1,018.70	6.16	1.23%
Series NAV	Actual expenses/actual returns	1,000.00	1,064.00	5.02	0.98%
	Hypothetical example	1,000.00	1,019.90	4.91	0.98%

John Hancock Variable Insurance Trust

Shareholder expense example

		Account value on 1-1-2023	Ending value on 6-30-2023	Expenses paid during period ended 6-30-2023 ¹	Annualized expense ratio
Lifestyle Balanced Portfolio					
Series I	Actual expenses/actual returns	\$1,000.00	\$1,082.10	\$0.62	0.12% ²
	Hypothetical example	1,000.00	1,024.20	0.60	0.12% ²
Series II	Actual expenses/actual returns	1,000.00	1,081.10	1.65	0.32% ²
	Hypothetical example	1,000.00	1,023.20	1.61	0.32% ²
Series NAV	Actual expenses/actual returns	1,000.00	1,082.10	0.36	0.07% ²
	Hypothetical example	1,000.00	1,024.40	0.35	0.07% ²
Lifestyle Conservative Portfolio					
Series I	Actual expenses/actual returns	\$1,000.00	\$1,049.00	\$0.66	0.13% ²
	Hypothetical example	1,000.00	1,024.10	0.65	0.13% ²
Series II	Actual expenses/actual returns	1,000.00	1,048.10	1.68	0.33% ²
	Hypothetical example	1,000.00	1,023.20	1.66	0.33% ²
Series NAV	Actual expenses/actual returns	1,000.00	1,049.10	0.41	0.08% ²
	Hypothetical example	1,000.00	1,024.40	0.40	0.08% ²
Lifestyle Growth Portfolio					
Series I	Actual expenses/actual returns	\$1,000.00	\$1,105.70	\$0.57	0.11% ²
	Hypothetical example	1,000.00	1,024.20	0.55	0.11% ²
Series II	Actual expenses/actual returns	1,000.00	1,104.00	1.62	0.31% ²
	Hypothetical example	1,000.00	1,023.30	1.56	0.31% ²
Series NAV	Actual expenses/actual returns	1,000.00	1,105.70	0.31	0.06% ²
	Hypothetical example	1,000.00	1,024.50	0.30	0.06% ²
Lifestyle Moderate Portfolio					
Series I	Actual expenses/actual returns	\$1,000.00	\$1,071.00	\$0.67	0.13% ²
	Hypothetical example	1,000.00	1,024.10	0.65	0.13% ²
Series II	Actual expenses/actual returns	1,000.00	1,070.00	1.69	0.33% ²
	Hypothetical example	1,000.00	1,023.20	1.66	0.33% ²
Series NAV	Actual expenses/actual returns	1,000.00	1,071.00	0.41	0.08% ²
	Hypothetical example	1,000.00	1,024.40	0.40	0.08% ²
Mid Cap Growth Trust					
Series I	Actual expenses/actual returns	\$1,000.00	\$1,144.40	\$4.94	0.93%
	Hypothetical example	1,000.00	1,020.20	4.66	0.93%
Series II	Actual expenses/actual returns	1,000.00	1,144.10	6.01	1.13%
	Hypothetical example	1,000.00	1,019.20	5.66	1.13%
Series NAV	Actual expenses/actual returns	1,000.00	1,145.50	4.68	0.88%
	Hypothetical example	1,000.00	1,020.40	4.41	0.88%
Mid Cap Index Trust					
Series I	Actual expenses/actual returns	\$1,000.00	\$1,086.70	\$2.38	0.46%
	Hypothetical example	1,000.00	1,022.50	2.31	0.46%
Series II	Actual expenses/actual returns	1,000.00	1,085.10	3.41	0.66%
	Hypothetical example	1,000.00	1,021.50	3.31	0.66%
Series NAV	Actual expenses/actual returns	1,000.00	1,086.70	2.12	0.41%
	Hypothetical example	1,000.00	1,022.80	2.06	0.41%
Mid Value Trust					
Series I	Actual expenses/actual returns	\$1,000.00	\$1,087.40	\$4.81	0.93%
	Hypothetical example	1,000.00	1,020.20	4.66	0.93%
Series II	Actual expenses/actual returns	1,000.00	1,086.30	5.85	1.13%
	Hypothetical example	1,000.00	1,019.20	5.66	1.13%
Series NAV	Actual expenses/actual returns	1,000.00	1,088.30	4.56	0.88%
	Hypothetical example	1,000.00	1,020.40	4.41	0.88%
Real Estate Securities Trust					
Series I	Actual expenses/actual returns	\$1,000.00	\$1,056.20	\$4.13	0.81%
	Hypothetical example	1,000.00	1,020.80	4.06	0.81%
Series II	Actual expenses/actual returns	1,000.00	1,055.10	5.15	1.01%
	Hypothetical example	1,000.00	1,019.80	5.06	1.01%
Series NAV	Actual expenses/actual returns	1,000.00	1,056.60	3.88	0.76%
	Hypothetical example	1,000.00	1,021.00	3.81	0.76%

John Hancock Variable Insurance Trust

Shareholder expense example

		Account value on 1-1-2023	Ending value on 6-30-2023	Expenses paid during period ended 6-30-2023 ¹	Annualized expense ratio
Science & Technology Trust					
Series I	Actual expenses/actual returns	\$1,000.00	\$1,401.70	\$5.95	1.00%
	Hypothetical example	1,000.00	1,019.80	5.01	1.00%
Series II	Actual expenses/actual returns	1,000.00	1,400.20	7.14	1.20%
	Hypothetical example	1,000.00	1,018.80	6.01	1.20%
Series NAV	Actual expenses/actual returns	1,000.00	1,402.50	5.66	0.95%
	Hypothetical example	1,000.00	1,020.10	4.76	0.95%
Small Cap Index Trust					
Series I	Actual expenses/actual returns	\$1,000.00	\$1,079.50	\$2.73	0.53%
	Hypothetical example	1,000.00	1,022.20	2.66	0.53%
Series II	Actual expenses/actual returns	1,000.00	1,078.50	3.76	0.73%
	Hypothetical example	1,000.00	1,021.20	3.66	0.73%
Series NAV	Actual expenses/actual returns	1,000.00	1,079.40	2.47	0.48%
	Hypothetical example	1,000.00	1,022.40	2.41	0.48%
Small Cap Opportunities Trust					
Series I	Actual expenses/actual returns	\$1,000.00	\$1,071.20	\$4.57	0.89%
	Hypothetical example	1,000.00	1,020.40	4.46	0.89%
Series II	Actual expenses/actual returns	1,000.00	1,070.10	5.59	1.09%
	Hypothetical example	1,000.00	1,019.40	5.46	1.09%
Series NAV	Actual expenses/actual returns	1,000.00	1,071.50	4.31	0.84%
	Hypothetical example	1,000.00	1,020.60	4.21	0.84%
Small Cap Stock Trust					
Series I	Actual expenses/actual returns	\$1,000.00	\$1,099.40	\$5.88	1.13%
	Hypothetical example	1,000.00	1,019.20	5.66	1.13%
Series II	Actual expenses/actual returns	1,000.00	1,098.10	6.92	1.33%
	Hypothetical example	1,000.00	1,018.20	6.66	1.33%
Series NAV	Actual expenses/actual returns	1,000.00	1,099.80	5.62	1.08%
	Hypothetical example	1,000.00	1,019.40	5.41	1.08%
Small Cap Value Trust					
Series I	Actual expenses/actual returns	\$1,000.00	\$1,034.10	\$5.25	1.04%
	Hypothetical example	1,000.00	1,019.60	5.21	1.04%
Series II	Actual expenses/actual returns	1,000.00	1,033.70	6.25	1.24%
	Hypothetical example	1,000.00	1,018.60	6.21	1.24%
Series NAV	Actual expenses/actual returns	1,000.00	1,035.00	5.00	0.99%
	Hypothetical example	1,000.00	1,019.90	4.96	0.99%
Small Company Value Trust					
Series I	Actual expenses/actual returns	\$1,000.00	\$1,037.50	\$5.76	1.14%
	Hypothetical example	1,000.00	1,019.10	5.71	1.14%
Series II	Actual expenses/actual returns	1,000.00	1,036.30	6.77	1.34%
	Hypothetical example	1,000.00	1,018.10	6.71	1.34%
Series NAV	Actual expenses/actual returns	1,000.00	1,036.70	5.50	1.09%
	Hypothetical example	1,000.00	1,019.40	5.46	1.09%
Strategic Equity Allocation Trust					
Series NAV	Actual expenses/actual returns	\$1,000.00	\$1,140.10	\$2.81	0.53%
	Hypothetical example	1,000.00	1,022.20	2.66	0.53%
Total Stock Market Index Trust					
Series I	Actual expenses/actual returns	\$1,000.00	\$1,161.40	\$2.68	0.50%
	Hypothetical example	1,000.00	1,022.30	2.51	0.50%
Series II	Actual expenses/actual returns	1,000.00	1,160.40	3.75	0.70%
	Hypothetical example	1,000.00	1,021.30	3.51	0.70%
Series NAV	Actual expenses/actual returns	1,000.00	1,161.40	2.41	0.45%
	Hypothetical example	1,000.00	1,022.60	2.26	0.45%

¹ Expenses are equal to the annualized expense ratio, multiplied by the average account value over the period, multiplied by 181/365 (to reflect the one-half year period).

² Ratios do not include expenses indirectly incurred by the underlying funds and can vary based on the mix of underlying funds held by the portfolios.

John Hancock Variable Insurance Trust

Summary Portfolio of Investments — June 30, 2023 (unaudited) (showing percentage of total net assets)

This section shows the portfolios' 50 largest portfolio holdings in unaffiliated issuers and any holdings exceeding 1% of the portfolios' total net assets as of the report date. The remaining securities held by the portfolios are grouped as "Other Securities" in each category. Certain percentages of less than 0.05% are rounded and presented as 0.0%. You can request a complete schedule of portfolio holdings as of the report date, free of charge, by calling at 1-800-344-1029. This complete schedule, filed on the portfolios' Form N-CSR, is also available on the SEC's website at <http://www.sec.gov>.

500 Index Trust

	Shares or Principal Amount	Value	% of Net Assets
COMMON STOCKS - 96.1%			
Communication services - 8.1%			
Alphabet, Inc., Class A (A)	1,207,004	\$ 144,478,379	1.8%
Alphabet, Inc., Class C (A)	1,038,181	125,588,756	1.6%
Comcast Corp., Class A	845,938	35,148,724	0.5%
Meta Platforms, Inc., Class A (A)	449,428	128,976,847	1.7%
Netflix, Inc. (A)	90,376	39,809,724	0.5%
The Walt Disney Company (A)	370,794	33,104,488	0.4%
Verizon Communications, Inc.	855,981	31,833,933	0.4%
OTHER SECURITIES		95,066,695	1.2%
		634,007,546	
Consumer discretionary - 10.2%			
Amazon.com, Inc. (A)	1,813,561	236,415,812	3.0%
McDonald's Corp.	148,298	44,253,606	0.6%
NIKE, Inc., Class B	250,339	27,629,915	0.4%
Tesla, Inc. (A)	547,354	143,280,857	1.8%
The Home Depot, Inc.	205,805	63,931,265	0.8%
OTHER SECURITIES		289,175,177	3.6%
		804,686,632	
Consumer staples - 6.4%			
Costco Wholesale Corp.	90,061	48,487,041	0.6%
PepsiCo, Inc.	280,270	51,911,609	0.7%
Philip Morris International, Inc.	316,026	30,850,458	0.4%
The Coca-Cola Company	789,862	47,565,490	0.6%
The Procter & Gamble Company	478,647	72,629,896	0.9%
Walmart, Inc.	284,588	44,731,542	0.6%
OTHER SECURITIES		207,263,016	2.6%
		503,439,052	
Energy - 3.9%			
Chevron Corp.	354,075	55,713,701	0.7%
Exxon Mobil Corp.	821,406	88,095,794	1.1%
OTHER SECURITIES		166,466,055	2.1%
		310,275,550	
Financials - 11.9%			
Bank of America Corp.	1,408,337	40,405,189	0.5%
Berkshire Hathaway, Inc., Class B (A)	362,216	123,515,656	1.6%
JPMorgan Chase & Co.	593,527	86,322,567	1.1%
Mastercard, Inc., Class A	169,994	66,858,640	0.9%
Visa, Inc., Class A	328,722	78,064,901	1.0%
Wells Fargo & Company	761,966	32,520,709	0.4%
OTHER SECURITIES		510,181,863	6.4%
		937,869,525	
Health care - 12.9%			
Abbott Laboratories	352,948	38,478,391	0.5%
AbbVie, Inc.	358,849	48,347,726	0.6%
Danaher Corp.	134,969	32,392,560	0.4%
Eli Lilly & Company	160,047	75,058,842	1.0%

500 Index Trust (continued)

	Shares or Principal Amount	Value	% of Net Assets
COMMON STOCKS (continued)			
Health care (continued)			
Johnson & Johnson	527,965	\$ 87,388,767	1.1%
Merck & Company, Inc.	515,833	59,521,970	0.8%
Pfizer, Inc.	1,146,927	42,069,282	0.5%
Thermo Fisher Scientific, Inc.	78,344	40,875,982	0.5%
UnitedHealth Group, Inc.	189,141	90,908,730	1.2%
OTHER SECURITIES		497,691,390	6.3%
		1,012,733,640	
Industrials - 8.3%			
Honeywell International, Inc.	135,072	28,027,440	0.4%
Raytheon Technologies Corp.	297,656	29,158,382	0.4%
OTHER SECURITIES		591,265,997	7.5%
		648,451,819	
Information technology - 27.2%			
Accenture PLC, Class A	128,301	39,591,123	0.5%
Adobe, Inc. (A)	93,201	45,574,357	0.6%
Advanced Micro Devices, Inc. (A)	327,242	37,276,136	0.5%
Apple, Inc.	3,003,509	582,590,631	7.4%
Broadcom, Inc.	84,760	73,523,367	0.9%
Cisco Systems, Inc.	832,102	43,052,957	0.6%
Intel Corp.	847,277	28,332,943	0.4%
Microsoft Corp.	1,510,616	514,425,173	6.6%
NVIDIA Corp.	502,437	212,540,900	2.7%
Oracle Corp.	312,913	37,264,809	0.5%
Salesforce, Inc. (A)	198,904	42,020,459	0.5%
Texas Instruments, Inc.	184,279	33,173,906	0.4%
OTHER SECURITIES		444,530,008	5.6%
		2,133,896,769	
Materials - 2.4%			
Linde PLC	99,456	37,900,692	0.5%
OTHER SECURITIES		150,699,306	1.9%
		188,599,998	
Real estate - 2.3%			
Utilities - 2.5%			
NextEra Energy, Inc.	411,414	30,526,919	0.4%
OTHER SECURITIES		163,999,235	2.1%
		194,526,154	
TOTAL COMMON STOCKS			
(Cost \$2,895,262,443)		\$ 7,549,564,099	
SHORT-TERM INVESTMENTS - 3.9%			
Short-term funds - 3.9%			
John Hancock Collateral Trust, 5.1773% (B)(C)	30,664,507	306,485,613	3.9%
TOTAL SHORT-TERM INVESTMENTS			
(Cost \$306,536,023)		\$ 306,485,613	
Total Investments (500 Index Trust)			
(Cost \$3,201,798,466) - 100.0%		\$ 7,856,049,712	100.0%
Other assets and liabilities, net - 0.0%		2,350,654	0.0%
TOTAL NET ASSETS - 100.0%		\$ 7,858,400,366	100.0%
Security Abbreviations and Legend			
(A)	Non-income producing security.		
(B)	The rate shown is the annualized seven-day yield as of 6-30-23.		
(C)	Investment is an affiliate of the fund, the advisor and/or subadvisor. A portion of this security represents the investment of cash collateral received for securities lending. Market value of this investment amounted to \$13,969,272.		

John Hancock Variable Insurance Trust

Summary Portfolio of Investments — June 30, 2023 (unaudited) (showing percentage of total net assets)

500 Index Trust (continued)

DERIVATIVES

FUTURES

Open contracts	Number of contracts	Position	Expiration date	Notional basis [^]	Notional value [^]	Unrealized appreciation (depreciation)
S&P 500 E-Mini Index Futures	1,424	Long	Sep 2023	\$309,888,509	\$319,563,400	\$9,674,891
						\$9,674,891

[^] Notional basis refers to the contractual amount agreed upon at inception of open contracts; notional value represents the current value of the open contract.

See Notes to financial statements regarding investment transactions and other derivatives information.

American Asset Allocation Trust

	Shares or Principal Amount	Value	% of Net Assets
INVESTMENT COMPANIES - 100.0%			
American Funds Insurance Series - 100.0%			
American Asset Allocation Fund - Class 1	50,250,256	\$ 1,142,690,818	100.0%
TOTAL INVESTMENT COMPANIES (Cost \$1,096,795,278)		\$ 1,142,690,818	
Total Investments (American Asset Allocation Trust) (Cost \$1,096,795,278) - 100.0%		\$ 1,142,690,818	100.0%
Other assets and liabilities, net - 0.0%		48,413	0.0%
TOTAL NET ASSETS - 100.0%		\$ 1,142,739,231	100.0%

American Growth-Income Trust

	Shares or Principal Amount	Value	% of Net Assets
INVESTMENT COMPANIES - 100.0%			
American Funds Insurance Series - 100.0%			
American Growth-Income Fund - Class 1	16,035,848	\$ 873,472,667	100.0%
TOTAL INVESTMENT COMPANIES (Cost \$761,266,641)		\$ 873,472,667	
Total Investments (American Growth-Income Trust) (Cost \$761,266,641) - 100.0%		\$ 873,472,667	100.0%
Other assets and liabilities, net - 0.0%		27,401	0.0%
TOTAL NET ASSETS - 100.0%		\$ 873,500,068	100.0%

American Global Growth Trust

	Shares or Principal Amount	Value	% of Net Assets
INVESTMENT COMPANIES - 100.0%			
American Funds Insurance Series - 100.0%			
American Global Growth Fund - Class 1	5,898,598	\$ 189,403,968	100.0%
TOTAL INVESTMENT COMPANIES (Cost \$177,362,248)		\$ 189,403,968	
Total Investments (American Global Growth Trust) (Cost \$177,362,248) - 100.0%		\$ 189,403,968	100.0%
Other assets and liabilities, net - (0.0)%		(17,727)	(0.0)%
TOTAL NET ASSETS - 100.0%		\$ 189,386,241	100.0%

American International Trust

	Shares or Principal Amount	Value	% of Net Assets
INVESTMENT COMPANIES - 100.0%			
American Funds Insurance Series - 100.0%			
American International Fund - Class 1	20,926,841	\$ 359,523,120	100.0%
TOTAL INVESTMENT COMPANIES (Cost \$399,417,183)		\$ 359,523,120	
Total Investments (American International Trust) (Cost \$399,417,183) - 100.0%		\$ 359,523,120	100.0%
Other assets and liabilities, net - (0.0)%		(26,157)	(0.0)%
TOTAL NET ASSETS - 100.0%		\$ 359,496,963	100.0%

American Growth Trust

	Shares or Principal Amount	Value	% of Net Assets
INVESTMENT COMPANIES - 100.0%			
American Funds Insurance Series - 100.0%			
American Growth Fund - Class 1	9,501,284	\$ 854,260,423	100.0%
TOTAL INVESTMENT COMPANIES (Cost \$778,969,020)		\$ 854,260,423	
Total Investments (American Growth Trust) (Cost \$778,969,020) - 100.0%		\$ 854,260,423	100.0%
Other assets and liabilities, net - 0.0%		30,556	0.0%
TOTAL NET ASSETS - 100.0%		\$ 854,290,979	100.0%

Blue Chip Growth Trust

	Shares or Principal Amount	Value	% of Net Assets
COMMON STOCKS - 99.6%			
Communication services - 15.2%			
Alphabet, Inc., Class A (A)	188,607	\$ 22,576,258	1.3%
Alphabet, Inc., Class C (A)	881,188	106,597,312	6.2%
Meta Platforms, Inc., Class A (A)	293,318	84,176,400	4.9%
Netflix, Inc. (A)	57,557	25,353,283	1.5%
T-Mobile US, Inc. (A)	120,110	16,683,279	1.0%
OTHER SECURITIES		4,910,939	0.3%
		260,297,471	
Consumer discretionary - 14.6%			
Amazon.com, Inc. (A)	1,016,329	132,488,648	7.7%
Booking Holdings, Inc. (A)	5,085	13,731,178	0.8%
Chipotle Mexican Grill, Inc. (A)	8,274	17,698,086	1.0%
Lululemon Athletica, Inc. (A)	21,547	8,155,540	0.5%
NIKE, Inc., Class B	57,884	6,388,657	0.4%

John Hancock Variable Insurance Trust

Summary Portfolio of Investments — June 30, 2023 (unaudited) (showing percentage of total net assets)

Blue Chip Growth Trust (continued)

	Shares or Principal Amount	Value	% of Net Assets
COMMON STOCKS (continued)			
Consumer discretionary (continued)			
Ross Stores, Inc.	90,086	\$ 10,101,343	0.6%
Tesla, Inc. (A)	192,565	50,407,740	2.9%
The TJX Companies, Inc.	92,245	7,821,454	0.5%
OTHER SECURITIES		3,718,750	0.2%
		250,511,396	
Consumer staples - 0.6%			
Dollar General Corp.	63,345	10,754,714	0.6%
Financials - 10.2%			
Adyen NV (A)(B)	3,404	5,894,598	0.3%
Chubb, Ltd.	86,046	16,569,018	1.0%
Marsh & McLennan Companies, Inc.	62,125	11,684,470	0.7%
Mastercard, Inc., Class A	117,212	46,099,480	2.7%
Morgan Stanley	95,155	8,126,237	0.5%
S&P Global, Inc.	23,210	9,304,657	0.5%
The Charles Schwab Corp.	93,582	5,304,228	0.3%
Visa, Inc., Class A	237,244	56,340,705	3.3%
OTHER SECURITIES		14,765,505	0.9%
		174,088,898	
Health care - 12.7%			
Danaher Corp.	50,500	12,120,000	0.7%
Elevance Health, Inc.	14,675	6,519,956	0.4%
Eli Lilly & Company	96,458	45,236,873	2.6%
Humana, Inc.	26,450	11,826,589	0.7%
Intuitive Surgical, Inc. (A)	86,060	29,427,356	1.7%
Stryker Corp.	36,356	11,091,852	0.6%
Thermo Fisher Scientific, Inc.	42,661	22,258,377	1.3%
UnitedHealth Group, Inc.	117,890	56,662,650	3.3%
Zoetis, Inc.	56,608	9,748,464	0.6%
OTHER SECURITIES		13,694,062	0.8%
		218,586,179	
Industrials - 1.4%			
General Electric Company	78,985	8,676,502	0.5%
Old Dominion Freight Line, Inc.	18,170	6,718,358	0.4%
OTHER SECURITIES		9,062,056	0.5%
		24,456,916	
Information technology - 43.7%			
Advanced Micro Devices, Inc. (A)	135,643	15,451,094	0.9%
Apple, Inc.	1,003,070	194,565,488	11.3%
ASML Holding NV, NYRS	32,277	23,392,756	1.4%
Atlassian Corp., Class A (A)	36,283	6,088,650	0.4%
BILL Holdings, Inc. (A)	49,200	5,749,020	0.3%
Intuit, Inc.	46,185	21,161,505	1.2%
Microsoft Corp.	707,394	240,895,948	14.0%
MongoDB, Inc. (A)	27,078	11,128,787	0.7%
Monolithic Power Systems, Inc.	19,281	10,416,175	0.6%
NVIDIA Corp.	240,771	101,850,948	5.9%
Roper Technologies, Inc.	25,670	12,342,136	0.7%
ServiceNow, Inc. (A)	68,496	38,492,697	2.3%
Shopify, Inc., Class A (A)	164,692	10,639,103	0.6%
Synopsys, Inc. (A)	45,230	19,693,594	1.2%
Taiwan Semiconductor Manufacturing Company, Ltd., ADR	59,856	6,040,668	0.4%
Texas Instruments, Inc.	34,916	6,285,578	0.4%
OTHER SECURITIES		24,840,069	1.4%
		749,034,216	
Materials - 1.0%			
Linde PLC	22,010	8,387,571	0.5%

Blue Chip Growth Trust (continued)

	Shares or Principal Amount	Value	% of Net Assets
COMMON STOCKS (continued)			
Materials (continued)			
The Sherwin-Williams Company	29,569	\$ 7,851,161	0.5%
		16,238,732	
		4,046,785	0.2%
Utilities - 0.2%			
TOTAL COMMON STOCKS (Cost \$1,197,522,537)			
		\$ 1,708,015,307	
CORPORATE BONDS - 0.2%			
Consumer discretionary - 0.2%			
		3,044,546	0.2%
TOTAL CORPORATE BONDS (Cost \$3,865,000)			
		\$ 3,044,546	
SHORT-TERM INVESTMENTS - 0.3%			
Short-term funds - 0.3%			
John Hancock Collateral Trust, 5.1773% (C)(D)	112,394	1,123,356	0.1%
OTHER SECURITIES		4,413,728	0.2%
		5,537,084	
TOTAL SHORT-TERM INVESTMENTS (Cost \$5,537,209)			
		\$ 5,537,084	
Total Investments (Blue Chip Growth Trust) (Cost \$1,206,924,746) - 100.1%			
		\$ 1,716,596,937	100.1%
Other assets and liabilities, net - (0.1)%			
		(1,040,078)	(0.1)%
TOTAL NET ASSETS - 100.0%			
		\$ 1,715,556,859	100.0%
Security Abbreviations and Legend			
ADR	American Depository Receipt		
NYRS	New York Registry Shares		
(A)	Non-income producing security.		
(B)	These securities are exempt from registration under Rule 144A of the Securities Act of 1933. Such securities may be resold, normally to qualified institutional buyers, in transactions exempt from registration.		
(C)	The rate shown is the annualized seven-day yield as of 6-30-23.		
(D)	Investment is an affiliate of the fund, the advisor and/or subadvisor. This security represents the investment of cash collateral received for securities lending.		

Capital Appreciation Trust

	Shares or Principal Amount	Value	% of Net Assets
COMMON STOCKS - 98.8%			
Communication services - 9.0%			
Alphabet, Inc., Class A (A)	88,900	\$ 10,641,330	2.0%
Alphabet, Inc., Class C (A)	88,479	10,703,305	2.0%
Meta Platforms, Inc., Class A (A)	46,965	13,478,016	2.6%
Netflix, Inc. (A)	17,292	7,616,953	1.4%
The Trade Desk, Inc., Class A (A)	38,046	2,937,912	0.6%
OTHER SECURITIES		2,235,481	0.4%
		47,612,997	
Consumer discretionary - 24.1%			
Airbnb, Inc., Class A (A)	41,538	5,323,510	1.0%
Amazon.com, Inc. (A)	216,362	28,204,950	5.3%
Chipotle Mexican Grill, Inc. (A)	1,532	3,276,948	0.6%
Lululemon Athletica, Inc. (A)	23,951	9,065,454	1.7%
LVMH Moet Hennessy Louis Vuitton SE	13,552	12,778,346	2.4%
Marriott International, Inc., Class A	26,427	4,854,376	0.9%

John Hancock Variable Insurance Trust

Summary Portfolio of Investments — June 30, 2023 (unaudited) (showing percentage of total net assets)

Capital Appreciation Trust (continued)

	Shares or Principal Amount	Value	% of Net Assets
COMMON STOCKS (continued)			
Consumer discretionary (continued)			
McDonald's Corp.	11,332	\$ 3,381,582	0.6%
MercadoLibre, Inc. (A)	6,483	7,679,762	1.5%
NIKE, Inc., Class B	43,859	4,840,718	0.9%
O'Reilly Automotive, Inc. (A)	6,810	6,505,594	1.2%
Tesla, Inc. (A)	95,712	25,054,530	4.7%
The Home Depot, Inc.	21,106	6,556,368	1.2%
The TJX Companies, Inc.	64,237	5,446,655	1.0%
Ulta Beauty, Inc. (A)	8,333	3,921,468	0.8%
OTHER SECURITIES		1,380,469	0.3%
		128,270,730	
Consumer staples - 3.0%			
Costco Wholesale Corp.	19,038	10,249,678	1.9%
L'Oreal SA	12,444	5,804,830	1.1%
		16,054,508	
Energy - 0.5%			
Schlumberger, Ltd.	54,094	2,657,097	0.5%
Financials - 9.6%			
Adyen NV (A)(B)	3,417	5,917,109	1.1%
American Express Company	14,833	2,583,909	0.5%
Mastercard, Inc., Class A	34,288	13,485,470	2.5%
S&P Global, Inc.	17,274	6,924,974	1.3%
The Goldman Sachs Group, Inc.	12,196	3,933,698	0.7%
Visa, Inc., Class A	67,210	15,961,031	3.0%
OTHER SECURITIES		2,439,604	0.5%
		51,245,795	
Health care - 11.0%			
AstraZeneca PLC, ADR	91,098	6,519,884	1.2%
DexCom, Inc. (A)	36,753	4,723,128	0.9%
Eli Lilly & Company	35,560	16,676,929	3.1%
Intuitive Surgical, Inc. (A)	19,653	6,720,147	1.2%
Novo Nordisk A/S, ADR	65,329	10,572,192	2.0%
UnitedHealth Group, Inc. Vertex Pharmaceuticals, Inc. (A)	16,309	7,838,758	1.5%
	16,163	5,687,921	1.1%
		58,738,959	
Industrials - 2.0%			
Uber Technologies, Inc. (A)	243,770	10,523,551	2.0%
Information technology - 38.6%			
Adobe, Inc. (A)	17,592	8,602,312	1.6%
Advanced Micro Devices, Inc. (A)	142,134	16,190,484	3.0%
Apple, Inc.	182,215	35,344,244	6.6%
ASML Holding NV, NYRS	11,107	8,049,798	1.5%
Broadcom, Inc.	14,408	12,497,931	2.4%
Cadence Design Systems, Inc. (A)	22,635	5,308,360	1.0%
CrowdStrike Holdings, Inc., Class A (A)	25,720	3,777,496	0.7%
Microsoft Corp.	126,623	43,120,196	8.1%
MongoDB, Inc. (A)	11,369	4,672,545	0.9%
NVIDIA Corp.	103,939	43,968,277	8.3%
Salesforce, Inc. (A)	43,888	9,271,779	1.7%
ServiceNow, Inc. (A)	10,251	5,760,754	1.1%
Snowflake, Inc., Class A (A)	38,787	6,825,736	1.3%
OTHER SECURITIES		2,329,453	0.4%
		205,719,365	
Real estate - 1.0%			
American Tower Corp.	26,767	5,191,192	1.0%
TOTAL COMMON STOCKS (Cost \$400,842,014)		\$ 526,014,194	

Capital Appreciation Trust (continued)

	Shares or Principal Amount	Value	% of Net Assets
PREFERRED SECURITIES - 0.8%			
Consumer discretionary - 0.8%			
Dr. Ing. h.c. F. Porsche AG (B)	33,850	\$ 4,205,141	0.8%
TOTAL PREFERRED SECURITIES (Cost \$3,159,846)		\$ 4,205,141	
SHORT-TERM INVESTMENTS - 0.2%			
Short-term funds - 0.2%			
TOTAL SHORT-TERM INVESTMENTS (Cost \$1,202,558)		\$ 1,202,558	0.2%
Total Investments (Capital Appreciation Trust) (Cost \$405,204,418) - 99.8%			
		\$ 531,421,893	99.8%
Other assets and liabilities, net - 0.2%			
		1,214,706	0.2%
TOTAL NET ASSETS - 100.0%			
		\$ 532,636,599	100.0%

Security Abbreviations and Legend

ADR	American Depositary Receipt
NYRS	New York Registry Shares
(A)	Non-income producing security.
(B)	These securities are exempt from registration under Rule 144A of the Securities Act of 1933. Such securities may be resold, normally to qualified institutional buyers, in transactions exempt from registration.

Capital Appreciation Value Trust

	Shares or Principal Amount	Value	% of Net Assets
COMMON STOCKS - 66.3%			
Communication services - 3.0%			
Alphabet, Inc., Class A (A)(B)	93,310	\$ 11,169,207	2.5%
OTHER SECURITIES		2,534,320	0.5%
		13,703,527	
Consumer discretionary - 5.8%			
Amazon.com, Inc. (A)(B)	98,094	12,787,534	2.8%
Hilton Worldwide Holdings, Inc. (A)	21,613	3,145,772	0.7%
Yum! Brands, Inc. (A)	58,520	8,107,946	1.8%
OTHER SECURITIES		2,242,887	0.5%
		26,284,139	
Consumer staples - 0.6%			
Keurig Dr. Pepper, Inc.	89,357	2,794,193	0.6%
Energy - 1.5%			
Canadian Natural Resources, Ltd.	55,449	3,119,561	0.7%
OTHER SECURITIES		3,951,619	0.8%
		7,071,180	
Financials - 7.6%			
Intercontinental Exchange, Inc.	79,000	8,933,320	2.0%
KKR & Company, Inc. (A)	53,996	3,023,776	0.7%
Marsh & McLennan Companies, Inc. (A)	19,184	3,608,127	0.8%
Mastercard, Inc., Class A (A)	13,700	5,388,210	1.2%
The Goldman Sachs Group, Inc.	9,300	2,999,622	0.7%
The PNC Financial Services Group, Inc.	33,488	4,217,814	0.9%
Visa, Inc., Class A (A)	19,800	4,702,104	1.0%
OTHER SECURITIES		1,450,982	0.3%
		34,323,955	
Health care - 16.0%			
AbbVie, Inc.	34,229	4,611,673	1.0%
Avantor, Inc. (B)	217,127	4,459,789	1.0%

John Hancock Variable Insurance Trust

Summary Portfolio of Investments — June 30, 2023 (unaudited) (showing percentage of total net assets)

Capital Appreciation Value Trust (continued)

	Shares or Principal Amount	Value	% of Net Assets
COMMON STOCKS (continued)			
Health care (continued)			
Becton, Dickinson and Company (A)	35,187	\$ 9,289,720	2.1%
Biogen, Inc. (B)	11,563	3,293,721	0.7%
Danaher Corp.	41,624	9,989,760	2.2%
Eli Lilly & Company	7,500	3,517,350	0.8%
Revvity, Inc.	72,085	8,562,977	1.9%
Teleflex, Inc.	18,161	4,395,507	1.0%
Thermo Fisher Scientific, Inc.	10,813	5,641,683	1.2%
UnitedHealth Group, Inc.	25,782	12,391,860	2.7%
OTHER SECURITIES		6,298,162	1.4%
		72,452,202	
Industrials - 7.9%			
Equifax, Inc.	16,982	3,995,865	0.9%
Fortive Corp.	137,932	10,313,176	2.3%
General Electric Company (A)	21,497	2,361,445	0.5%
Ingersoll Rand, Inc. (A)	97,089	6,345,737	1.4%
TransUnion (A)	40,629	3,182,470	0.7%
Waste Connections, Inc.	47,251	6,753,585	1.5%
OTHER SECURITIES		3,012,403	0.6%
		35,964,681	
Information technology - 17.9%			
Apple, Inc.	80,953	15,702,455	3.5%
Intuit, Inc.	7,326	3,356,700	0.7%
Microsoft Corp. (A)	74,596	25,402,922	5.6%
NVIDIA Corp.	14,400	6,091,488	1.3%
NXP Semiconductors NV (A)	31,142	6,374,145	1.4%
Roper Technologies, Inc.	12,723	6,117,218	1.4%
Salesforce, Inc. (A)(B)	18,207	3,846,411	0.9%
Teledyne Technologies, Inc. (B)	8,979	3,691,357	0.8%
Texas Instruments, Inc. (A)	22,435	4,038,749	0.9%
OTHER SECURITIES		6,460,794	1.4%
		81,082,239	
Materials - 0.9%			
Linde PLC (A)	10,851	4,135,099	0.9%
Utilities - 5.1%			
Ameren Corp.	80,642	6,586,032	1.5%
Exelon Corp.	121,172	4,936,547	1.1%
Xcel Energy, Inc.	90,766	5,642,922	1.2%
OTHER SECURITIES		5,914,341	1.3%
		23,079,842	
TOTAL COMMON STOCKS (Cost \$268,424,126)		\$ 300,891,057	
PREFERRED SECURITIES - 0.3%			
Financials - 0.0%		25,000	0.0%
Utilities - 0.3%		1,333,800	0.3%
TOTAL PREFERRED SECURITIES (Cost \$1,468,950)		\$ 1,358,800	
U.S. GOVERNMENT AND AGENCY OBLIGATIONS - 8.5%			
U.S. Treasury Notes - 8.5%			
2.750%, 08/15/2032	\$ 4,272,900	3,917,214	0.9%
3.500%, 02/15/2033	19,105,900	18,610,341	4.1%
4.125%, 11/15/2032	15,533,600	15,873,398	3.5%
		38,400,953	
TOTAL U.S. GOVERNMENT AND AGENCY OBLIGATIONS (Cost \$39,444,686)		\$ 38,400,953	
CORPORATE BONDS - 7.9%			
Communication services - 1.3%			
CCO Holdings LLC			
5.000%, 02/01/2028 (C)	2,595,000	2,364,279	0.5%

Capital Appreciation Value Trust (continued)

	Shares or Principal Amount	Value	% of Net Assets
CORPORATE BONDS (continued)			
Communication services (continued)			
CCO Holdings LLC			
5.125%, 05/01/2027 (C)	\$ 2,681,000	\$ 2,496,668	0.6%
CCO Holdings LLC			
5.500%, 05/01/2026 (C)	125,000	121,879	0.0%
OTHER SECURITIES		1,068,819	0.2%
		6,051,645	
Consumer discretionary - 2.0%			
Yum! Brands, Inc.			
3.625%, 03/15/2031	150,000	129,589	0.0%
Yum! Brands, Inc.			
4.625%, 01/31/2032	400,000	361,335	0.1%
Yum! Brands, Inc.			
4.750%, 01/15/2030 (C)	127,000	118,924	0.0%
Yum! Brands, Inc.			
5.350%, 11/01/2043	579,000	505,236	0.1%
Yum! Brands, Inc.			
5.375%, 04/01/2032	564,000	536,060	0.1%
Yum! Brands, Inc.			
6.875%, 11/15/2037	367,000	394,491	0.1%
OTHER SECURITIES		7,066,772	1.6%
		9,112,407	
Financials - 2.2%			
HUB International, Ltd.			
5.625%, 12/01/2029 (C)	165,000	148,018	0.0%
HUB International, Ltd.			
7.000%, 05/01/2026 (C)	2,785,000	2,777,634	0.6%
HUB International, Ltd.			
7.250%, 06/15/2030 (C)	1,076,000	1,111,078	0.3%
Intercontinental Exchange, Inc.			
4.000%, 09/15/2027	59,000	57,445	0.0%
MSCI, Inc.			
3.250%, 08/15/2033 (C)	230,000	185,232	0.0%
MSCI, Inc.			
3.625%, 09/01/2030 (C)	1,059,000	913,270	0.2%
MSCI, Inc.			
3.625%, 11/01/2031 (C)	854,000	729,037	0.2%
MSCI, Inc.			
3.875%, 02/15/2031 (C)	657,000	569,307	0.1%
MSCI, Inc.			
4.000%, 11/15/2029 (C)	386,000	349,338	0.1%
USI, Inc.			
6.875%, 05/01/2025 (C)	799,000	793,008	0.2%
OTHER SECURITIES		2,584,618	0.5%
		10,217,985	
Health care - 0.9%			
Avantor Funding, Inc.			
3.875%, 11/01/2029 (C)	700,000	612,870	0.1%
Avantor Funding, Inc.			
4.625%, 07/15/2028 (C)	575,000	532,981	0.1%
Teleflex, Inc.			
4.250%, 06/01/2028 (C)	50,000	45,687	0.0%
Teleflex, Inc.			
4.625%, 11/15/2027	285,000	268,613	0.1%
OTHER SECURITIES		2,474,298	0.6%
		3,934,449	
Industrials - 1.2%			
General Electric Company			
8.882%, (3 month LIBOR + 3.330%), 09/15/2023 (D)(E)	1,318,000	1,317,998	0.3%
Mileage Plus Holdings LLC			
6.500%, 06/20/2027 (C)	419,111	420,158	0.1%
OTHER SECURITIES		3,586,929	0.8%
		5,325,085	

John Hancock Variable Insurance Trust

Summary Portfolio of Investments — June 30, 2023 (unaudited) (showing percentage of total net assets)

Capital Appreciation Value Trust (continued)

	Shares or Principal Amount	Value	% of Net Assets
CORPORATE BONDS (continued)			
Information technology - 0.1%		\$ 607,109	0.1%
Materials - 0.1%		491,288	0.1%
Real estate - 0.1%		327,975	0.1%
TOTAL CORPORATE BONDS (Cost \$36,947,399)	\$	36,067,943	
TERM LOANS (F) - 9.5%			
Communication services - 0.2%		941,108	0.2%
Consumer discretionary - 0.5%		2,306,170	0.5%
Consumer staples - 0.3%		1,258,881	0.3%
Financials - 3.1%			
HUB International, Ltd., 2022 Term Loan B (3 month SOFR + 4.000%) 9.072%, 11/10/2029	\$ 406,015	405,389	0.1%
HUB International, Ltd., 2023 Term Loan B 06/20/2030 TBD (G)	7,016,000	7,028,699	1.5%
USI, Inc., 2019 Incremental Term Loan B (3 month LIBOR + 3.250%) 8.788%, 12/02/2026	809,240	808,099	0.2%
USI, Inc., 2022 Incremental Term Loan (3 month SOFR + 3.750%) 8.992%, 11/22/2029	1,499,732	1,495,983	0.3%
OTHER SECURITIES		4,171,738	1.0%
		13,909,908	
Health care - 1.3%			
Avantor Funding, Inc., 2021 Term Loan B5 (1 month SOFR + 2.250%) 7.452%, 11/08/2027	86,131	86,036	0.0%
OTHER SECURITIES		5,713,394	1.3%
		5,799,430	
Industrials - 1.8%			
Mileage Plus Holdings LLC, 2020 Term Loan B (3 month LIBOR + 5.250%) 10.764%, 06/21/2027	4,326,859	4,490,025	1.0%
TransUnion LLC, 2019 Term Loan B5 (1 month LIBOR + 1.750%) 6.952%, 11/16/2026	290,341	289,293	0.1%
OTHER SECURITIES		3,502,670	0.7%
		8,281,988	

Capital Appreciation Value Trust (continued)

	Shares or Principal Amount	Value	% of Net Assets
TERM LOANS (continued)			
Information technology - 2.2%			
UKG, Inc., 2021 Term Loan (3 month SOFR + 3.250%) 8.271%, 05/04/2026	\$ 3,619,282	\$ 3,548,018	0.8%
OTHER SECURITIES		6,483,156	1.4%
		10,031,174	
Real estate - 0.1%		543,455	0.1%
TOTAL TERM LOANS (Cost \$43,207,932)	\$	43,072,114	
ASSET BACKED SECURITIES - 0.1%			
TOTAL ASSET BACKED SECURITIES (Cost \$533,843)		484,356	0.1%
		\$ 484,356	
SHORT-TERM INVESTMENTS - 10.3%			
Short-term funds - 9.8%			
T. Rowe Price Government Reserve Fund, 5.1068% (H)	44,400,672	44,400,672	9.8%
Repurchase agreement - 0.5%		2,216,000	0.5%
TOTAL SHORT-TERM INVESTMENTS (Cost \$46,616,672)		\$ 46,616,672	
Total Investments (Capital Appreciation Value Trust) (Cost \$436,643,608) - 102.9%			
		\$ 466,891,895	102.9%
Other assets and liabilities, net - (2.9)%		(13,004,190)	(2.9)%
TOTAL NET ASSETS - 100.0%		\$ 453,887,705	100.0%

Security Abbreviations and Legend

LIBOR	London Interbank Offered Rate
SOFR	Secured Overnight Financing Rate
(A)	All or a portion of this security is segregated at the custodian as collateral for certain derivatives.
(B)	Non-income producing security.
(C)	These securities are exempt from registration under Rule 144A of the Securities Act of 1933. Such securities may be resold, normally to qualified institutional buyers, in transactions exempt from registration.
(D)	Perpetual bonds have no stated maturity date. Date shown as maturity date is next call date.
(E)	Variable rate obligation. The coupon rate shown represents the rate at period end.
(F)	Term loans are variable rate obligations. The rate shown represents the rate at period end.
(G)	This position represents an unsettled loan commitment at period end. Certain details associated with this purchase are not known prior to the settlement date, including coupon rate, which is disclosed as TBD (To Be Determined).
(H)	The rate shown is the annualized seven-day yield as of 6-30-23.

DERIVATIVES

WRITTEN OPTIONS

Options on securities

Counterparty (OTC)/

Exchange-traded	Name of issuer	Currency	Exercise price	Expiration date	Number of contracts	Notional amount	Premium	Value
Calls								
JPM	AbbVie, Inc.	USD	145.00	Jan 2024	2	200	\$ 1,120	\$ (812)
JPM	AbbVie, Inc.	USD	150.00	Jan 2024	2	200	763	(528)
CITI	AbbVie, Inc.	USD	155.00	Jan 2024	18	1,800	18,943	(2,948)
CITI	AbbVie, Inc.	USD	155.00	Jan 2024	19	1,900	18,278	(3,112)
CITI	AbbVie, Inc.	USD	160.00	Jan 2024	18	1,800	15,151	(1,749)
CITI	AbbVie, Inc.	USD	160.00	Jan 2024	19	1,900	14,478	(1,846)
CITI	AbbVie, Inc.	USD	170.00	Jan 2024	46	4,600	26,163	(1,398)
JPM	AbbVie, Inc.	USD	175.00	Jan 2024	23	2,300	11,655	(368)

John Hancock Variable Insurance Trust

Summary Portfolio of Investments — June 30, 2023 (unaudited) (showing percentage of total net assets)

Capital Appreciation Value Trust (continued)

Options on securities (continued)

Counterparty (OTC)/

Exchange-traded	Name of issuer	Currency	Exercise price	Expiration date	Number of contracts	Notional amount	Premium	Value
Calls (continued)								
JPM	AbbVie, Inc.	USD	180.00	Jan 2024	11	1,100	\$ 10,948	\$ (91)
JPM	AbbVie, Inc.	USD	180.00	Jan 2024	23	2,300	11,036	(191)
JPM	AbbVie, Inc.	USD	185.00	Jan 2024	11	1,100	9,136	(46)
JPM	AbbVie, Inc.	USD	195.00	Jan 2024	11	1,100	6,168	(11)
JPM	AbbVie, Inc.	USD	200.00	Jan 2024	11	1,100	5,016	(6)
CITI	Alphabet, Inc., Class A	USD	102.50	Jan 2024	31	3,100	24,005	(72,294)
WFB	Alphabet, Inc., Class A	USD	120.00	Jan 2024	108	10,800	85,221	(121,963)
CITI	Alphabet, Inc., Class A	USD	142.00	Jan 2024	58	5,800	37,305	(17,515)
WFB	Amazon.com, Inc.	USD	107.50	Jan 2024	35	3,500	24,267	(103,617)
WFB	Amazon.com, Inc.	USD	110.00	Jan 2024	35	3,500	22,144	(96,764)
WFB	Amazon.com, Inc.	USD	110.00	Jan 2024	36	3,600	39,065	(99,529)
WFB	Amazon.com, Inc.	USD	115.00	Jan 2024	35	3,500	18,159	(83,662)
WFB	Amazon.com, Inc.	USD	115.00	Jan 2024	36	3,600	32,394	(86,053)
WFB	Amazon.com, Inc.	USD	115.00	Jan 2024	66	6,600	58,938	(157,763)
WFB	Amazon.com, Inc.	USD	120.00	Jan 2024	35	3,500	26,058	(71,458)
WFB	Amazon.com, Inc.	USD	132.50	Jan 2024	86	8,600	82,519	(111,721)
WFB	Amazon.com, Inc.	USD	135.00	Jan 2024	59	5,900	55,133	(69,292)
UBS	Analog Devices, Inc.	USD	200.00	Jan 2024	10	1,000	7,997	(14,008)
UBS	Analog Devices, Inc.	USD	200.00	Jan 2024	2	200	2,309	(2,802)
UBS	Analog Devices, Inc.	USD	210.00	Jan 2024	2	200	1,557	(1,950)
UBS	Analog Devices, Inc.	USD	210.00	Jun 2024	2	200	2,771	(3,247)
UBS	Analog Devices, Inc.	USD	220.00	Jun 2024	2	200	2,075	(2,505)
JPM	Apple, Inc.	USD	145.00	Jan 2024	29	2,900	33,575	(157,741)
JPM	Apple, Inc.	USD	150.00	Jan 2024	29	2,900	28,626	(144,531)
JPM	Apple, Inc.	USD	150.00	Jan 2024	29	2,900	41,297	(144,531)
JPM	Apple, Inc.	USD	155.00	Jan 2024	29	2,900	24,262	(131,534)
JPM	Apple, Inc.	USD	155.00	Jan 2024	29	2,900	34,829	(131,534)
JPM	Apple, Inc.	USD	180.00	Jan 2024	44	4,400	44,464	(108,691)
JPM	Apple, Inc.	USD	180.00	Jan 2024	44	4,400	41,102	(108,691)
JPM	Apple, Inc.	USD	195.00	Jan 2024	28	2,800	20,170	(40,669)
JPM	Apple, Inc.	USD	195.00	Jan 2024	5	500	4,925	(7,262)
JPM	Apple, Inc.	USD	200.00	Jan 2024	28	2,800	15,277	(32,740)
JPM	Apple, Inc.	USD	205.00	Jan 2024	5	500	2,892	(4,602)
CITI	Baxter International, Inc.	USD	50.00	Jan 2024	28	2,800	5,877	(6,220)
GSI	Becton, Dickinson and Company	USD	270.00	Jan 2024	17	1,700	25,279	(22,437)
GSI	Becton, Dickinson and Company	USD	280.00	Jan 2024	18	1,800	20,106	(15,099)
GSI	Becton, Dickinson and Company	USD	290.00	Jan 2024	6	600	8,834	(2,860)
GSI	Becton, Dickinson and Company	USD	290.00	Jan 2024	5	500	3,232	(2,384)
GSI	Becton, Dickinson and Company	USD	300.00	Jan 2024	6	600	7,040	(1,571)
GSI	Becton, Dickinson and Company	USD	300.00	Jan 2024	5	500	2,310	(1,309)
WFB	CME Group, Inc.	USD	190.00	Jan 2024	4	400	5,235	(3,431)
WFB	CME Group, Inc.	USD	200.00	Jan 2024	4	400	3,610	(1,812)
WFB	CME Group, Inc.	USD	210.00	Jan 2024	5	500	2,781	(1,088)
JPM	Danaher Corp.	USD	290.00	Jan 2024	6	600	15,652	(1,761)
JPM	Danaher Corp.	USD	290.00	Jan 2024	23	2,300	37,410	(6,752)
JPM	Danaher Corp.	USD	300.00	Jan 2024	6	600	13,245	(1,039)
JPM	Danaher Corp.	USD	310.00	Jan 2024	6	600	11,079	(582)
JPM	Danaher Corp.	USD	320.00	Jan 2024	6	600	9,332	(310)
CITI	Equifax, Inc.	USD	220.00	Dec 2023	4	400	9,953	(11,442)
CITI	Equifax, Inc.	USD	220.00	Dec 2023	3	300	7,076	(8,581)
CITI	Equifax, Inc.	USD	220.00	Dec 2023	2	200	5,025	(5,721)
CITI	Equifax, Inc.	USD	220.00	Dec 2023	1	100	3,174	(2,860)
CITI	Equifax, Inc.	USD	220.00	Dec 2023	3	300	4,498	(8,581)
CITI	Equifax, Inc.	USD	220.00	Dec 2023	5	500	7,860	(14,302)
CITI	Equifax, Inc.	USD	220.00	Dec 2023	8	800	10,921	(22,884)
CITI	Equifax, Inc.	USD	230.00	Dec 2023	4	400	8,272	(8,842)
CITI	Equifax, Inc.	USD	230.00	Dec 2023	3	300	5,858	(6,631)
CITI	Equifax, Inc.	USD	230.00	Dec 2023	2	200	4,180	(4,421)
CITI	Equifax, Inc.	USD	230.00	Dec 2023	1	100	2,699	(2,210)
CITI	Equifax, Inc.	USD	240.00	Dec 2023	4	400	6,812	(6,611)
CITI	Equifax, Inc.	USD	240.00	Dec 2023	3	300	4,805	(4,958)
CITI	Equifax, Inc.	USD	240.00	Dec 2023	2	200	3,444	(3,305)
CITI	Equifax, Inc.	USD	240.00	Dec 2023	1	100	2,235	(1,653)
CITI	Equifax, Inc.	USD	240.00	Dec 2023	23	2,300	39,053	(38,012)

John Hancock Variable Insurance Trust

Summary Portfolio of Investments — June 30, 2023 (unaudited) (showing percentage of total net assets)

Capital Appreciation Value Trust (continued)

Options on securities (continued)

Counterparty (OTC)/

Exchange-traded	Name of issuer	Currency	Exercise price	Expiration date	Number of contracts	Notional amount	Premium	Value
Calls (continued)								
CITI	Equifax, Inc.	USD	230.00	Jan 2024	2	200	\$ 2,605	\$ (4,817)
CITI	Equifax, Inc.	USD	240.00	Jan 2024	2	200	1,895	(3,695)
JPM	Exelon Corp.	USD	45.00	Jan 2024	40	4,000	8,880	(3,194)
JPM	Exelon Corp.	USD	45.00	Jan 2024	78	7,800	14,430	(6,228)
JPM	Exelon Corp.	USD	45.00	Jan 2024	43	4,300	7,181	(3,434)
JPM	Exelon Corp.	USD	45.00	Jan 2024	5	500	520	(399)
JPM	Exelon Corp.	USD	47.00	Jan 2024	40	4,000	6,080	(1,595)
JPM	Exelon Corp.	USD	50.00	Jan 2024	45	4,500	8,759	(556)
JPM	Exelon Corp.	USD	47.00	Jun 2024	5	500	670	(594)
CITI	Fortive Corp.	USD	75.00	Dec 2023	1	100	380	(501)
CITI	Fortive Corp.	USD	75.00	Dec 2023	4	400	1,581	(2,004)
CITI	Fortive Corp.	USD	80.00	Dec 2023	1	100	179	(261)
CITI	Fortive Corp.	USD	80.00	Dec 2023	4	400	758	(1,043)
WFB	GE HealthCare Technologies, Inc.	USD	85.00	Jan 2024	11	1,100	5,209	(5,831)
WFB	GE HealthCare Technologies, Inc.	USD	90.00	Jan 2024	24	2,400	7,834	(7,854)
WFB	GE HealthCare Technologies, Inc.	USD	90.00	Jan 2024	11	1,100	3,158	(3,600)
WFB	General Electric Company	USD	90.00	Jan 2024	11	1,100	8,149	(26,861)
WFB	General Electric Company	USD	90.00	Jan 2024	28	2,800	19,243	(68,373)
WFB	General Electric Company	USD	95.00	Jan 2024	11	1,100	6,011	(22,367)
WFB	General Electric Company	USD	95.00	Jan 2024	28	2,800	14,083	(56,934)
WFB	General Electric Company	USD	110.00	Jan 2024	28	2,800	22,776	(28,187)
WFB	General Electric Company	USD	110.00	Jan 2024	20	2,000	15,190	(20,133)
WFB	General Electric Company	USD	110.00	Jan 2024	20	2,000	15,840	(20,133)
WFB	General Electric Company	USD	115.00	Jan 2024	28	2,800	17,167	(21,002)
WFB	General Electric Company	USD	115.00	Jan 2024	20	2,000	10,876	(15,001)
WFB	General Electric Company	USD	115.00	Jan 2024	20	2,000	11,574	(15,001)
WFB	Hilton Worldwide Holdings, Inc.	USD	140.00	Jan 2024	3	300	4,037	(4,714)
WFB	Hilton Worldwide Holdings, Inc.	USD	140.00	Jan 2024	2	200	3,649	(3,142)
WFB	Hilton Worldwide Holdings, Inc.	USD	145.00	Jan 2024	28	2,800	46,536	(35,303)
WFB	Hilton Worldwide Holdings, Inc.	USD	145.00	Jan 2024	3	300	3,496	(3,783)
WFB	Hilton Worldwide Holdings, Inc.	USD	145.00	Jan 2024	2	200	3,137	(2,522)
WFB	Hilton Worldwide Holdings, Inc.	USD	150.00	Jan 2024	27	2,700	40,284	(26,732)
WFB	Hilton Worldwide Holdings, Inc.	USD	150.00	Jan 2024	3	300	3,015	(2,970)
WFB	Hilton Worldwide Holdings, Inc.	USD	150.00	Jan 2024	2	200	2,635	(1,980)
WFB	Hilton Worldwide Holdings, Inc.	USD	155.00	Jan 2024	3	300	2,564	(2,280)
WFB	Hilton Worldwide Holdings, Inc.	USD	155.00	Jan 2024	2	200	2,233	(1,520)
WFB	Hilton Worldwide Holdings, Inc.	USD	155.00	Jan 2024	12	1,200	8,530	(9,118)
WFB	Hilton Worldwide Holdings, Inc.	USD	160.00	Jan 2024	12	1,200	6,489	(6,829)
GSI	Ingersoll Rand, Inc.	USD	60.00	Dec 2023	12	1,200	4,365	(10,710)
GSI	Ingersoll Rand, Inc.	USD	60.00	Dec 2023	12	1,200	5,357	(10,710)
GSI	Ingersoll Rand, Inc.	USD	75.00	Dec 2023	28	2,800	3,639	(4,451)
CITI	Intercontinental Exchange, Inc.	USD	110.00	Jan 2024	29	2,900	17,968	(27,674)
CITI	Intercontinental Exchange, Inc.	USD	110.00	Jan 2024	29	2,900	18,022	(27,674)
CITI	Intercontinental Exchange, Inc.	USD	115.00	Jan 2024	29	2,900	17,106	(18,603)
CITI	Intercontinental Exchange, Inc.	USD	115.00	Jan 2024	5	500	1,742	(3,207)
CITI	Intercontinental Exchange, Inc.	USD	120.00	Jan 2024	5	500	1,005	(1,973)
UBS	Intuit, Inc.	USD	480.00	Jan 2024	4	400	10,097	(14,501)
CITI	Keurig Dr. Pepper, Inc.	USD	37.00	Jan 2024	31	3,100	5,487	(286)
CITI	Keurig Dr. Pepper, Inc.	USD	40.00	Jan 2024	31	3,100	2,449	(19)
UBS	KKR & Company, Inc.	USD	55.00	Jan 2024	29	2,900	15,922	(17,295)
UBS	KKR & Company, Inc.	USD	55.00	Jan 2024	29	2,900	15,012	(17,295)
WFB	Linde PLC	USD	390.00	Jan 2024	5	500	8,486	(10,297)
WFB	Linde PLC	USD	390.00	Jan 2024	5	500	9,180	(10,297)
WFB	Linde PLC	USD	395.00	Jan 2024	2	200	2,410	(3,601)
WFB	Linde PLC	USD	410.00	Jan 2024	2	200	1,559	(2,297)
GSI	Marsh & McLennan Companies, Inc.	USD	185.00	Jul 2023	2	200	866	(1,025)
GSI	Marsh & McLennan Companies, Inc.	USD	185.00	Jul 2023	7	700	3,666	(3,588)
GSI	Marsh & McLennan Companies, Inc.	USD	185.00	Jul 2023	8	800	3,000	(4,100)
GSI	Marsh & McLennan Companies, Inc.	USD	190.00	Jul 2023	2	200	663	(399)
GSI	Marsh & McLennan Companies, Inc.	USD	190.00	Jul 2023	7	700	2,829	(1,396)
GSI	Marsh & McLennan Companies, Inc.	USD	190.00	Jul 2023	8	800	1,893	(1,596)
GSI	Marsh & McLennan Companies, Inc.	USD	195.00	Jul 2023	2	200	401	(84)
GSI	Marsh & McLennan Companies, Inc.	USD	195.00	Jul 2023	7	700	1,767	(294)
GSI	Marsh & McLennan Companies, Inc.	USD	195.00	Jul 2023	8	800	1,031	(336)

John Hancock Variable Insurance Trust

Summary Portfolio of Investments — June 30, 2023 (unaudited) (showing percentage of total net assets)

Capital Appreciation Value Trust (continued)

Options on securities (continued)

Counterparty (OTC)/

Exchange-traded	Name of issuer	Currency	Exercise price	Expiration date	Number of contracts	Notional amount	Premium	Value
Calls (continued)								
GSI	Marsh & McLennan Companies, Inc.	USD	200.00	Jul 2023	2	200	\$ 359	\$ (7)
GSI	Marsh & McLennan Companies, Inc.	USD	200.00	Jul 2023	7	700	1,529	(25)
GSI	Marsh & McLennan Companies, Inc.	USD	200.00	Jul 2023	8	800	470	(28)
GSI	Marsh & McLennan Companies, Inc.	USD	180.00	Jan 2024	23	2,300	10,971	(38,769)
GSI	Marsh & McLennan Companies, Inc.	USD	190.00	Jan 2024	24	2,400	12,463	(24,132)
GSI	Marsh & McLennan Companies, Inc.	USD	190.00	Jan 2024	2	200	989	(2,011)
GSI	Marsh & McLennan Companies, Inc.	USD	200.00	Jan 2024	2	200	591	(1,028)
GSI	Mastercard, Inc., Class A	USD	380.00	Jan 2024	5	500	18,370	(18,866)
GSI	Mastercard, Inc., Class A	USD	380.00	Jan 2024	5	500	23,912	(18,866)
GSI	Mastercard, Inc., Class A	USD	400.00	Jan 2024	5	500	14,225	(12,738)
GSI	Mastercard, Inc., Class A	USD	400.00	Jan 2024	5	500	18,905	(12,738)
GSI	Mastercard, Inc., Class A	USD	400.00	Jan 2024	17	1,700	31,554	(43,309)
GSI	Mastercard, Inc., Class A	USD	400.00	Jan 2024	2	200	4,838	(4,838)
GSI	Mastercard, Inc., Class A	USD	405.00	Jan 2024	2	200	3,745	(4,564)
GSI	Mastercard, Inc., Class A	USD	410.00	Jan 2024	18	1,800	33,448	(36,607)
GSI	Mastercard, Inc., Class A	USD	420.00	Jan 2024	5	500	10,973	(7,939)
GSI	Mastercard, Inc., Class A	USD	420.00	Jan 2024	5	500	14,386	(7,939)
GSI	Mastercard, Inc., Class A	USD	420.00	Jan 2024	2	200	2,905	(2,905)
GSI	Mastercard, Inc., Class A	USD	425.00	Jan 2024	2	200	2,300	(2,781)
GSI	Mastercard, Inc., Class A	USD	430.00	Jan 2024	5	500	9,644	(6,048)
GSI	Mastercard, Inc., Class A	USD	430.00	Jan 2024	5	500	12,514	(6,048)
BARC	Meta Platforms, Inc., Class A	USD	290.00	Jan 2024	28	2,800	64,200	(96,824)
UBS	Microsoft Corp.	USD	275.00	Jan 2024	21	2,100	34,919	(163,539)
UBS	Microsoft Corp.	USD	290.00	Jan 2024	21	2,100	24,889	(137,142)
JPM	Microsoft Corp.	USD	300.00	Jan 2024	44	4,400	68,741	(252,120)
JPM	Microsoft Corp.	USD	300.00	Jan 2024	42	4,200	67,078	(240,660)
UBS	Microsoft Corp.	USD	300.00	Jan 2024	21	2,100	19,599	(120,330)
UBS	Microsoft Corp.	USD	360.00	Jan 2024	11	1,100	21,684	(21,874)
UBS	Microsoft Corp.	USD	375.00	Jan 2024	11	1,100	15,618	(15,551)
WFB	NXP Semiconductors NV	USD	170.00	Jan 2024	1	100	2,129	(4,367)
WFB	NXP Semiconductors NV	USD	170.00	Jan 2024	8	800	18,860	(34,934)
WFB	NXP Semiconductors NV	USD	170.00	Jan 2024	9	900	22,091	(39,301)
WFB	NXP Semiconductors NV	USD	180.00	Jan 2024	1	100	1,739	(3,610)
WFB	NXP Semiconductors NV	USD	180.00	Jan 2024	8	800	15,917	(28,880)
WFB	NXP Semiconductors NV	USD	180.00	Jan 2024	9	900	18,738	(32,490)
WFB	NXP Semiconductors NV	USD	180.00	Jan 2024	17	1,700	39,946	(61,369)
WFB	NXP Semiconductors NV	USD	185.00	Jan 2024	1	100	1,569	(3,259)
WFB	NXP Semiconductors NV	USD	185.00	Jan 2024	8	800	14,445	(26,070)
WFB	NXP Semiconductors NV	USD	185.00	Jan 2024	9	900	16,993	(29,329)
WFB	NXP Semiconductors NV	USD	185.00	Jan 2024	17	1,700	35,429	(55,399)
WFB	NXP Semiconductors NV	USD	190.00	Jan 2024	23	2,300	33,448	(67,337)
WFB	NXP Semiconductors NV	USD	195.00	Jan 2024	1	100	1,274	(2,618)
WFB	NXP Semiconductors NV	USD	195.00	Jan 2024	8	800	11,341	(20,944)
WFB	NXP Semiconductors NV	USD	195.00	Jan 2024	9	900	13,415	(23,562)
WFB	NXP Semiconductors NV	USD	195.00	Jan 2024	17	1,700	28,635	(44,507)
WFB	NXP Semiconductors NV	USD	200.00	Jan 2024	23	2,300	37,049	(53,606)
WFB	NXP Semiconductors NV	USD	210.00	Jan 2024	5	500	7,703	(9,123)
WFB	NXP Semiconductors NV	USD	220.00	Jan 2024	5	500	5,845	(7,018)
WFB	NXP Semiconductors NV	USD	220.00	Jun 2024	4	400	7,461	(9,043)
CITI	Revvity, Inc.	USD	155.00	Sep 2023	3	300	2,456	(122)
CITI	Revvity, Inc.	USD	155.00	Sep 2023	11	1,100	7,586	(448)
CITI	Revvity, Inc.	USD	165.00	Sep 2023	3	300	1,458	(99)
CITI	Revvity, Inc.	USD	165.00	Sep 2023	11	1,100	4,298	(363)
CITI	Revvity, Inc.	USD	170.00	Sep 2023	3	300	1,124	(92)
CITI	Revvity, Inc.	USD	170.00	Sep 2023	11	1,100	3,138	(337)
CITI	Revvity, Inc.	USD	175.00	Sep 2023	3	300	851	(86)
CITI	Revvity, Inc.	USD	175.00	Sep 2023	11	1,100	2,364	(315)
CITI	Roper Technologies, Inc.	USD	470.00	Aug 2023	11	1,100	8,705	(21,991)
CITI	Roper Technologies, Inc.	USD	480.00	Aug 2023	3	300	5,813	(4,001)
CITI	Roper Technologies, Inc.	USD	500.00	Aug 2023	3	300	3,832	(1,318)
CITI	Roper Technologies, Inc.	USD	520.00	Aug 2023	3	300	2,427	(337)
CITI	Roper Technologies, Inc.	USD	540.00	Aug 2023	3	300	1,466	(93)
CITI	Roper Technologies, Inc.	USD	490.00	Feb 2024	2	200	4,027	(6,023)
CITI	Roper Technologies, Inc.	USD	510.00	Feb 2024	2	200	2,329	(3,996)

John Hancock Variable Insurance Trust

Summary Portfolio of Investments — June 30, 2023 (unaudited) (showing percentage of total net assets)

Capital Appreciation Value Trust (continued)

Options on securities (continued)

Counterparty (OTC)/

Exchange-traded	Name of issuer	Currency	Exercise price	Expiration date	Number of contracts	Notional amount	Premium	Value
Calls (continued)								
BOA	S&P Global, Inc.	USD	370.00	Jan 2024	1	100	\$ 3,045	\$ (4,946)
BOA	S&P Global, Inc.	USD	370.00	Jan 2024	1	100	3,251	(4,946)
BOA	S&P Global, Inc.	USD	370.00	Jan 2024	1	100	4,361	(4,946)
BOA	S&P Global, Inc.	USD	390.00	Jan 2024	1	100	2,319	(3,513)
BOA	S&P Global, Inc.	USD	390.00	Jan 2024	1	100	2,492	(3,513)
BOA	S&P Global, Inc.	USD	390.00	Jan 2024	1	100	3,430	(3,513)
BOA	S&P Global, Inc.	USD	400.00	Jan 2024	1	100	2,019	(2,883)
BOA	S&P Global, Inc.	USD	400.00	Jan 2024	1	100	2,182	(2,883)
BOA	S&P Global, Inc.	USD	400.00	Jan 2024	1	100	2,800	(2,883)
UBS	S&P Global, Inc.	USD	400.00	Jan 2024	2	200	3,109	(5,765)
BOA	S&P Global, Inc.	USD	410.00	Jan 2024	2	200	4,759	(4,638)
UBS	S&P Global, Inc.	USD	410.00	Jan 2024	2	200	2,446	(4,638)
BOA	S&P Global, Inc.	USD	420.00	Jan 2024	1	100	1,474	(1,826)
BOA	S&P Global, Inc.	USD	420.00	Jan 2024	1	100	1,623	(1,826)
BOA	S&P Global, Inc.	USD	420.00	Jan 2024	1	100	2,019	(1,826)
BOA	S&P Global, Inc.	USD	430.00	Jan 2024	2	200	3,481	(2,807)
BOA	S&P Global, Inc.	USD	450.00	Jan 2024	2	200	2,509	(1,533)
BOA	S&P Global, Inc.	USD	470.00	Jan 2024	2	200	1,711	(746)
GSI	Salesforce, Inc.	USD	160.00	Jan 2024	15	1,500	25,322	(88,990)
GSI	Salesforce, Inc.	USD	165.00	Jan 2024	15	1,500	22,584	(82,579)
GSI	Salesforce, Inc.	USD	165.00	Jan 2024	14	1,400	29,774	(77,074)
GSI	Salesforce, Inc.	USD	170.00	Jan 2024	14	1,400	26,709	(71,234)
GSI	Salesforce, Inc.	USD	230.00	Jan 2024	5	500	9,761	(6,757)
GSI	Salesforce, Inc.	USD	230.00	Jan 2024	2	200	3,021	(2,703)
GSI	Salesforce, Inc.	USD	240.00	Jan 2024	5	500	7,718	(5,069)
GSI	Salesforce, Inc.	USD	240.00	Jan 2024	2	200	2,314	(2,028)
GSI	Salesforce, Inc.	USD	230.00	Jun 2024	2	200	4,800	(4,511)
GSI	Salesforce, Inc.	USD	240.00	Jun 2024	2	200	3,991	(3,721)
GSI	Starbucks Corp.	USD	100.00	Jan 2024	34	3,400	36,680	(24,083)
GSI	Starbucks Corp.	USD	105.00	Jan 2024	34	3,400	30,193	(16,144)
GSI	Starbucks Corp.	USD	115.00	Jan 2024	22	2,200	5,697	(4,018)
WFB	Stryker Corp.	USD	270.00	Jan 2024	3	300	7,207	(14,301)
WFB	Stryker Corp.	USD	270.00	Jan 2024	2	200	5,258	(9,534)
WFB	Stryker Corp.	USD	270.00	Jan 2024	5	500	15,792	(23,836)
WFB	Stryker Corp.	USD	280.00	Jan 2024	3	300	5,855	(11,896)
WFB	Stryker Corp.	USD	280.00	Jan 2024	2	200	4,449	(7,931)
WFB	Stryker Corp.	USD	280.00	Jan 2024	5	500	12,786	(19,827)
WFB	Stryker Corp.	USD	290.00	Jan 2024	3	300	4,684	(9,649)
WFB	Stryker Corp.	USD	290.00	Jan 2024	2	200	3,656	(6,433)
WFB	Stryker Corp.	USD	290.00	Jan 2024	5	500	9,781	(16,081)
WFB	Stryker Corp.	USD	300.00	Jan 2024	3	300	3,842	(7,595)
WFB	Stryker Corp.	USD	300.00	Jan 2024	2	200	3,044	(5,064)
WFB	Stryker Corp.	USD	300.00	Jan 2024	5	500	8,025	(12,659)
WFB	Stryker Corp.	USD	310.00	Jan 2024	8	800	11,100	(15,390)
WFB	Stryker Corp.	USD	320.00	Jan 2024	13	1,300	17,375	(18,259)
JPM	TE Connectivity, Ltd.	USD	125.00	Jul 2023	9	900	5,810	(13,994)
JPM	TE Connectivity, Ltd.	USD	130.00	Jul 2023	9	900	4,230	(9,564)
JPM	TE Connectivity, Ltd.	USD	130.00	Jul 2023	8	800	3,970	(8,501)
JPM	TE Connectivity, Ltd.	USD	135.00	Jul 2023	9	900	3,027	(5,369)
JPM	TE Connectivity, Ltd.	USD	135.00	Jul 2023	8	800	2,371	(4,772)
JPM	TE Connectivity, Ltd.	USD	140.00	Jul 2023	9	900	2,196	(2,076)
JPM	TE Connectivity, Ltd.	USD	140.00	Jul 2023	8	800	1,572	(1,845)
JPM	Teledyne Technologies, Inc.	USD	440.00	Dec 2023	1	100	1,327	(1,413)
JPM	Teledyne Technologies, Inc.	USD	460.00	Dec 2023	1	100	780	(765)
BOA	Texas Instruments, Inc.	USD	180.00	Jan 2024	11	1,100	18,529	(15,132)
BOA	Texas Instruments, Inc.	USD	180.00	Jan 2024	11	1,100	20,899	(15,132)
BOA	Texas Instruments, Inc.	USD	190.00	Jan 2024	11	1,100	14,221	(9,997)
BOA	Texas Instruments, Inc.	USD	190.00	Jan 2024	11	1,100	15,945	(9,997)
BOA	Texas Instruments, Inc.	USD	190.00	Jan 2024	8	800	6,451	(7,270)
BOA	Texas Instruments, Inc.	USD	195.00	Jan 2024	11	1,100	12,354	(7,937)
BOA	Texas Instruments, Inc.	USD	195.00	Jan 2024	11	1,100	13,770	(7,937)
BOA	Texas Instruments, Inc.	USD	195.00	Jan 2024	8	800	5,007	(5,772)
BOA	Texas Instruments, Inc.	USD	200.00	Jan 2024	11	1,100	10,690	(6,195)
BOA	Texas Instruments, Inc.	USD	200.00	Jan 2024	11	1,100	11,651	(6,195)

John Hancock Variable Insurance Trust

Summary Portfolio of Investments — June 30, 2023 (unaudited) (showing percentage of total net assets)

Capital Appreciation Value Trust (continued)

Options on securities (continued)

Counterparty (OTC)/

Exchange-traded	Name of issuer	Currency	Exercise price	Expiration date	Number of contracts	Notional amount	Premium	Value
Calls (continued)								
BOA	Texas Instruments, Inc.	USD	200.00	Jan 2024	44	4,400	\$ 50,323	\$ (24,782)
BOA	Texas Instruments, Inc.	USD	200.00	Jan 2024	28	2,800	24,593	(15,770)
BOA	Texas Instruments, Inc.	USD	195.00	Jun 2024	5	500	5,493	(6,163)
BOA	Texas Instruments, Inc.	USD	200.00	Jun 2024	5	500	4,613	(5,245)
JPM	The PNC Financial Services Group, Inc.	USD	170.00	Jan 2024	7	700	6,451	(306)
JPM	The PNC Financial Services Group, Inc.	USD	170.00	Jan 2024	8	800	7,365	(350)
JPM	The PNC Financial Services Group, Inc.	USD	175.00	Jan 2024	5	500	6,348	(128)
JPM	The PNC Financial Services Group, Inc.	USD	175.00	Jan 2024	4	400	4,544	(102)
JPM	The PNC Financial Services Group, Inc.	USD	175.00	Jan 2024	7	700	5,275	(179)
JPM	The PNC Financial Services Group, Inc.	USD	175.00	Jan 2024	8	800	6,152	(205)
JPM	The PNC Financial Services Group, Inc.	USD	185.00	Jan 2024	6	600	5,654	(48)
JPM	The PNC Financial Services Group, Inc.	USD	185.00	Jan 2024	4	400	3,365	(32)
JPM	The PNC Financial Services Group, Inc.	USD	190.00	Jan 2024	4	400	2,816	(17)
JPM	The PNC Financial Services Group, Inc.	USD	190.00	Jan 2024	6	600	4,820	(26)
JPM	The PNC Financial Services Group, Inc.	USD	200.00	Jan 2024	6	600	3,344	(7)
JPM	The PNC Financial Services Group, Inc.	USD	200.00	Jan 2024	4	400	1,924	(5)
CITI	Thermo Fisher Scientific, Inc.	USD	560.00	Jan 2024	1	100	3,157	(2,432)
CITI	Thermo Fisher Scientific, Inc.	USD	590.00	Jan 2024	1	100	1,776	(1,418)
CITI	Thermo Fisher Scientific, Inc.	USD	600.00	Jan 2024	11	1,100	17,846	(12,791)
CITI	Thermo Fisher Scientific, Inc.	USD	610.00	Jan 2024	4	400	17,200	(3,780)
JPM	Thermo Fisher Scientific, Inc.	USD	610.00	Jan 2024	1	100	5,473	(945)
JPM	Thermo Fisher Scientific, Inc.	USD	610.00	Jan 2024	1	100	7,338	(945)
CITI	Thermo Fisher Scientific, Inc.	USD	620.00	Jan 2024	4	400	15,326	(3,043)
CITI	Thermo Fisher Scientific, Inc.	USD	630.00	Jan 2024	4	400	13,632	(2,428)
JPM	Thermo Fisher Scientific, Inc.	USD	630.00	Jan 2024	1	100	4,446	(607)
JPM	Thermo Fisher Scientific, Inc.	USD	630.00	Jan 2024	1	100	6,289	(607)
JPM	Thermo Fisher Scientific, Inc.	USD	660.00	Jan 2024	1	100	3,452	(293)
JPM	Thermo Fisher Scientific, Inc.	USD	660.00	Jan 2024	1	100	4,842	(293)
JPM	Thermo Fisher Scientific, Inc.	USD	690.00	Jan 2024	1	100	2,598	(131)
JPM	Thermo Fisher Scientific, Inc.	USD	690.00	Jan 2024	1	100	3,656	(131)
GSI	TransUnion	USD	65.00	Oct 2023	1	100	837	(1,577)
GSI	TransUnion	USD	65.00	Oct 2023	5	500	4,080	(7,885)
GSI	TransUnion	USD	65.00	Oct 2023	5	500	5,874	(7,885)
GSI	TransUnion	USD	70.00	Oct 2023	1	100	612	(1,161)
GSI	TransUnion	USD	70.00	Oct 2023	5	500	2,960	(5,803)
GSI	TransUnion	USD	70.00	Oct 2023	5	500	4,404	(5,803)
GSI	TransUnion	USD	80.00	Dec 2023	12	1,200	4,954	(7,880)
JPM	UnitedHealth Group, Inc.	USD	550.00	Jan 2024	5	500	5,625	(4,184)
CITI	UnitedHealth Group, Inc.	USD	580.00	Jan 2024	19	1,900	106,351	(6,974)
JPM	UnitedHealth Group, Inc.	USD	600.00	Jan 2024	20	2,000	66,363	(4,023)
GSI	Visa, Inc., Class A	USD	230.00	Jan 2024	8	800	15,261	(17,406)
GSI	Visa, Inc., Class A	USD	230.00	Jan 2024	8	800	18,869	(17,406)
GSI	Visa, Inc., Class A	USD	240.00	Jan 2024	8	800	12,083	(12,358)
GSI	Visa, Inc., Class A	USD	240.00	Jan 2024	8	800	14,938	(12,358)
GSI	Visa, Inc., Class A	USD	240.00	Jan 2024	2	200	2,334	(3,090)
GSI	Visa, Inc., Class A	USD	245.00	Jan 2024	8	800	7,975	(10,176)
GSI	Visa, Inc., Class A	USD	250.00	Jan 2024	8	800	9,264	(8,239)
GSI	Visa, Inc., Class A	USD	250.00	Jan 2024	8	800	11,578	(8,239)
GSI	Visa, Inc., Class A	USD	260.00	Jan 2024	8	800	7,086	(5,125)
GSI	Visa, Inc., Class A	USD	260.00	Jan 2024	8	800	8,778	(5,125)
GSI	Visa, Inc., Class A	USD	260.00	Jan 2024	2	200	884	(1,281)
GSI	Visa, Inc., Class A	USD	250.00	Jun 2024	1	100	1,447	(1,819)
GSI	Visa, Inc., Class A	USD	260.00	Jun 2024	1	100	1,067	(1,365)
WFB	Yum! Brands, Inc.	USD	140.00	Jan 2024	41	4,100	40,881	(32,428)
WFB	Yum! Brands, Inc.	USD	140.00	Jan 2024	41	4,100	40,217	(32,428)
CITI	Yum! Brands, Inc.	USD	145.00	Jan 2024	20	2,000	11,242	(10,733)
CITI	Yum! Brands, Inc.	USD	150.00	Jan 2024	20	2,000	10,042	(6,916)
							\$3,875,718	\$(5,981,992)

Derivatives Currency Abbreviations

USD U.S. Dollar

Derivatives Abbreviations

BARC Barclays Bank PLC

John Hancock Variable Insurance Trust

Summary Portfolio of Investments — June 30, 2023 (unaudited) (showing percentage of total net assets)

Capital Appreciation Value Trust (continued)

BOA	Bank of America, N.A.
CITI	Citibank, N.A.
GSI	Goldman Sachs International
JPM	JPMorgan Chase Bank, N.A.
OTC	Over-the-counter
UBS	UBS AG
WFB	Wells Fargo Bank, N.A.

See Notes to financial statements regarding investment transactions and other derivatives information.

Disciplined Value International Trust

	Shares or Principal Amount	Value	% of Net Assets
COMMON STOCKS - 97.4%			
Austria - 0.8%		\$ 2,453,657	0.8%
Belgium - 0.5%		1,367,110	0.5%
Bermuda - 1.5%			
Everest Re Group, Ltd.	13,125	4,486,913	1.5%
Brazil - 1.1%			
Banco do Brasil SA	298,600	3,080,665	1.1%
Canada - 7.5%			
Canadian Natural Resources, Ltd.	79,385	4,463,178	1.5%
Cenovus Energy, Inc.	313,440	5,323,570	1.8%
Teck Resources, Ltd., Class B	130,922	5,508,656	1.9%
OTHER SECURITIES		6,898,355	2.3%
		22,193,759	
China - 1.9%			
Alibaba Group Holding, Ltd. (A)	546,900	5,693,136	1.9%
Finland - 1.0%		3,023,946	1.0%
France - 8.6%			
AXA SA	140,899	4,163,761	1.4%
Capgemini SE	14,690	2,781,449	1.0%
Rexel SA	135,113	3,339,181	1.1%
Sanofi	54,963	5,917,100	2.0%
OTHER SECURITIES		8,973,677	3.1%
		25,175,168	
Germany - 5.6%			
Allianz SE	11,605	2,703,086	0.9%
Commerzbank AG	393,725	4,364,788	1.5%
Siemens AG	33,858	5,644,172	1.9%
OTHER SECURITIES		3,667,657	1.3%
		16,379,703	
Greece - 0.7%		2,028,609	0.7%
India - 1.5%			
HDFC Bank, Ltd., ADR	61,977	4,319,797	1.5%
Ireland - 3.3%			
CRH PLC	77,792	4,303,018	1.4%
Ryanair Holdings PLC, ADR (A)	49,924	5,521,594	1.9%
		9,824,612	
Japan - 15.5%			
Asahi Group Holdings, Ltd.	187,800	7,286,608	2.5%
IHI Corp.	114,500	3,105,513	1.1%
KDDI Corp.	165,800	5,120,421	1.7%
Mitsubishi Electric Corp.	190,700	2,695,897	0.9%
Renesas Electronics Corp. (A)	273,700	5,165,352	1.8%
Sony Group Corp.	58,900	5,316,915	1.8%
Sumitomo Mitsui Financial Group, Inc.	92,500	3,964,499	1.4%
Suzuki Motor Corp.	81,300	2,948,166	1.0%
OTHER SECURITIES		9,957,218	3.3%
		45,560,589	

Disciplined Value International Trust (continued)

	Shares or Principal Amount	Value	% of Net Assets
COMMON STOCKS (continued)			
Luxembourg - 1.3%			
Tenaris SA	259,444	\$ 3,881,045	1.3%
Netherlands - 6.2%			
ING Groep NV	427,523	5,763,707	1.9%
Koninklijke Ahold Delhaize NV	128,658	4,386,351	1.5%
Stellantis NV	337,785	5,937,850	2.0%
OTHER SECURITIES		2,270,422	0.8%
		18,358,330	
Singapore - 2.3%			
United Overseas Bank, Ltd.	235,200	4,880,696	1.7%
OTHER SECURITIES		1,753,158	0.6%
		6,633,854	
South Korea - 2.4%			
Samsung Electronics Company, Ltd.	103,481	5,698,004	2.0%
OTHER SECURITIES		1,200,907	0.4%
		6,898,911	
Spain - 1.8%			
Banco Bilbao Vizcaya Argentaria SA	455,780	3,501,631	1.2%
OTHER SECURITIES		1,893,427	0.6%
		5,395,058	
Sweden - 0.4%		1,212,779	0.4%
Switzerland - 9.2%			
Glencore PLC	920,994	5,221,941	1.8%
Novartis AG	67,159	6,770,933	2.3%
STMicroelectronics NV	149,677	7,464,920	2.6%
Swiss Re AG	33,065	3,331,722	1.1%
OTHER SECURITIES		4,253,248	1.4%
		27,042,764	
United Kingdom - 22.5%			
AstraZeneca PLC	61,696	8,844,409	3.0%
BAE Systems PLC	349,737	4,123,844	1.4%
Beazley PLC	418,420	3,136,984	1.1%
BP PLC	748,804	4,359,829	1.5%
Coca-Cola Europacific Partners PLC	82,838	5,337,252	1.8%
IMI PLC	162,155	3,382,581	1.1%
Informa PLC	310,273	2,864,811	1.0%
JD Sports Fashion PLC	1,639,112	3,044,817	1.0%
NatWest Group PLC	924,023	2,824,274	1.0%
Reckitt Benckiser Group PLC	47,089	3,538,786	1.2%
Shell PLC	144,838	4,320,770	1.5%
SSE PLC	227,311	5,330,475	1.8%
WH Smith PLC	161,491	3,184,127	1.1%
OTHER SECURITIES		11,787,755	4.0%
		66,080,714	

John Hancock Variable Insurance Trust

Summary Portfolio of Investments — June 30, 2023 (unaudited) (showing percentage of total net assets)

Disciplined Value International Trust (continued)

	Shares or Principal Amount	Value	% of Net Assets
COMMON STOCKS (continued)			
United States - 1.8%			
Booking Holdings, Inc. (A)	1,981	\$ 5,349,354	1.8%
TOTAL COMMON STOCKS (Cost \$265,319,196)		\$ 286,440,473	
RIGHTS - 0.0%			
Shell PLC (A)(B)	141,275	40,617	0.0%
TOTAL RIGHTS (Cost \$40,617)		\$ 40,617	
SHORT-TERM INVESTMENTS - 2.4%			
Short-term funds - 2.4%			
Fidelity Government Portfolio, Institutional Class, 5.0243% (C)			
	6,450,153	6,450,153	2.2%
John Hancock Collateral Trust, 5.1773% (C)(D)			
	72,772	727,342	0.2%
TOTAL SHORT-TERM INVESTMENTS (Cost \$7,177,539)		\$ 7,177,495	
Total Investments (Disciplined Value International Trust) (Cost \$272,537,352) - 99.8%		\$ 293,658,585	99.8%
Other assets and liabilities, net - 0.2%		492,960	0.2%
TOTAL NET ASSETS - 100.0%		\$ 294,151,545	100.0%

Security Abbreviations and Legend

ADR	American Depositary Receipt
(A)	Non-income producing security.
(B)	Strike price and/or expiration date not available.
(C)	The rate shown is the annualized seven-day yield as of 6-30-23.
(D)	Investment is an affiliate of the fund, the advisor and/or subadvisor.
	This security represents the investment of cash collateral received for securities lending.

Emerging Markets Value Trust

	Shares or Principal Amount	Value	% of Net Assets
COMMON STOCKS - 96.3%			
Australia - 0.0%			
		\$ 53,699	0.0%
Belgium - 0.0%			
		47,101	0.0%
Brazil - 3.0%			
Banco Bradesco SA	77,625	237,340	0.1%
Petroleo Brasileiro SA	380,053	2,627,241	1.3%
OTHER SECURITIES		3,539,227	1.6%
		6,403,808	
Canada - 0.0%			
		59,805	0.0%
Chile - 0.6%			
		1,314,324	0.6%
China - 22.2%			
Agricultural Bank of China, Ltd., H Shares			
	1,798,000	708,105	0.4%
Alibaba Group Holding, Ltd. (A)			
	170,600	1,775,917	0.9%
Baidu, Inc., ADR (A)			
	11,954	1,636,622	0.8%
Baidu, Inc., Class A (A)			
	3,350	57,137	0.1%
Bank of China, Ltd., H Shares			
	5,394,694	2,165,929	1.0%
China Construction Bank Corp., H Shares			
	7,507,000	4,860,194	2.3%
China Merchants Bank Company, Ltd., H Shares			
	261,500	1,192,725	0.6%
China Petroleum & Chemical Corp., H Shares			
	1,878,000	1,104,152	0.5%
China Shenhua Energy Company, Ltd., H Shares			
	288,500	884,143	0.4%

Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value	% of Net Assets
COMMON STOCKS (continued)			
China (continued)			
Industrial & Commercial Bank of China, Ltd., H Shares			
	4,216,000	\$ 2,253,079	1.1%
PetroChina Company, Ltd., H Shares			
	1,912,000	1,327,612	0.6%
Ping An Insurance Group Company of China, Ltd., H Shares			
	385,000	2,458,963	1.2%
Trip.com Group, Ltd. (A)			
	750	26,182	0.0%
Trip.com Group, Ltd., ADR (A)			
	27,752	971,320	0.5%
Xiaomi Corp., Class B (A)(B)			
	510,400	701,766	0.4%
OTHER SECURITIES		25,024,670	11.4%
		47,148,516	
Colombia - 0.1%			
		158,276	0.1%
Czech Republic - 0.1%			
		287,896	0.1%
Greece - 0.5%			
		1,001,034	0.5%
Hong Kong - 3.7%			
China Resources Land, Ltd.			
	304,000	1,293,722	0.6%
OTHER SECURITIES		6,654,614	3.1%
		7,948,336	
Hungary - 0.2%			
		378,172	0.2%
India - 16.5%			
Axis Bank, Ltd.			
	188,618	2,272,820	1.1%
Axis Bank, Ltd., GDR			
	310	18,507	0.0%
Hindalco Industries, Ltd.			
	148,861	767,554	0.4%
Housing Development Finance Corp., Ltd.			
	53,578	1,847,474	0.9%
ICICI Bank, Ltd.			
	196,478	2,248,030	1.1%
ICICI Bank, Ltd., ADR			
	3,737	86,250	0.1%
JSW Steel, Ltd.			
	79,922	765,311	0.4%
Larsen & Toubro, Ltd.			
	47,252	1,428,465	0.7%
Mahindra & Mahindra, Ltd.			
	70,868	1,261,218	0.6%
Reliance Industries, Ltd.			
	21,228	662,504	0.3%
Reliance Industries, Ltd., GDR (B)			
	87,194	5,429,994	2.6%
State Bank of India			
	114,368	800,324	0.4%
Tata Steel, Ltd.			
	583,100	798,916	0.4%
OTHER SECURITIES		16,640,704	7.5%
		35,028,071	
Indonesia - 1.8%			
		3,844,357	1.8%
Kuwait - 0.4%			
		952,720	0.4%
Malaysia - 1.6%			
		3,316,021	1.6%
Mexico - 2.7%			
Grupo Financiero Banorte SAB de CV, Series O			
	129,243	1,063,270	0.5%
Grupo Mexico SAB de CV, Series B			
	188,407	905,877	0.4%
OTHER SECURITIES		3,822,469	1.8%
		5,791,616	
Panama - 0.0%			
		660	0.0%
Philippines - 0.8%			
		1,711,765	0.8%
Poland - 0.9%			
		1,867,479	0.9%
Qatar - 0.8%			
		1,656,367	0.8%
Russia - 0.0%			
		58,612	0.0%
Saudi Arabia - 3.8%			
Saudi Basic Industries Corp.			
	81,336	1,925,368	0.9%
The Saudi National Bank			
	105,414	1,039,670	0.5%
OTHER SECURITIES		5,014,622	2.4%
		7,979,660	
Singapore - 0.0%			
		65,652	0.0%

John Hancock Variable Insurance Trust

Summary Portfolio of Investments — June 30, 2023 (unaudited) (showing percentage of total net assets)

Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value	% of Net Assets
COMMON STOCKS (continued)			
South Africa - 2.9%			
		\$ 6,064,137	2.9%
South Korea - 12.4%			
Hana Financial Group, Inc.	21,723	648,486	0.3%
Hyundai Motor Company	7,569	1,190,561	0.6%
KB Financial Group, Inc.	550	19,962	0.0%
KB Financial Group, Inc., ADR	25,595	931,658	0.5%
Kia Corp.	20,749	1,397,674	0.7%
LG Electronics, Inc.	9,906	958,787	0.5%
POSCO Holdings, Inc.	4,950	1,464,962	0.7%
Samsung Electronics Company, Ltd.	45,527	2,506,866	1.2%
Shinhan Financial Group Company, Ltd.	2,494	64,475	0.0%
Shinhan Financial Group Company, Ltd., ADR	32,928	858,104	0.4%
SK Hynix, Inc.	26,526	2,330,691	1.1%
OTHER SECURITIES		14,089,986	6.4%
		26,462,212	
Taiwan - 17.3%			
ASE Technology Holding Company, Ltd.	256,000	910,374	0.4%
China Steel Corp.	1,010,180	955,251	0.5%
CTBC Financial Holding Company, Ltd.	1,395,348	1,115,817	0.5%
Fubon Financial Holding Company, Ltd.	547,805	1,072,284	0.5%
Hon Hai Precision Industry Company, Ltd.	687,448	2,499,382	1.2%
Nan Ya Plastics Corp.	302,000	704,456	0.3%
Quanta Computer, Inc.	201,000	981,657	0.5%
United Microelectronics Corp.	790,794	1,242,505	0.6%
Wistron Corp.	264,291	771,139	0.4%
OTHER SECURITIES		26,488,584	12.4%
		36,741,449	
Thailand - 2.0%			
PTT PCL	861,000	814,965	0.4%
OTHER SECURITIES		3,346,100	1.6%
		4,161,065	
Turkey - 0.7%			
		1,476,028	0.7%
United Arab Emirates - 1.3%			
Emaar Properties PJSC	396,071	696,184	0.3%
OTHER SECURITIES		1,985,492	1.0%
		2,681,676	
United States - 0.0%			
		49,788	0.0%
TOTAL COMMON STOCKS (Cost \$217,460,705)		\$ 204,710,302	

Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value	% of Net Assets
PREFERRED SECURITIES - 2.3%			
Brazil - 2.2%			
Banco Bradesco SA	249,976	\$ 858,800	0.4%
Petroleo Brasileiro SA	486,306	2,999,168	1.4%
OTHER SECURITIES		796,848	0.4%
		4,654,816	
Colombia - 0.1%			
		63,793	0.1%
India - 0.0%			
		6,278	0.0%
Philippines - 0.0%			
		9,883	0.0%
TOTAL PREFERRED SECURITIES (Cost \$4,570,738)			
		\$ 4,734,770	
RIGHTS - 0.0%			
TOTAL RIGHTS (Cost \$0)			
		\$ 674	0.0%
WARRANTS - 0.0%			
TOTAL WARRANTS (Cost \$0)			
		\$ 170	0.0%
SHORT-TERM INVESTMENTS - 0.1%			
Short-term funds - 0.1%			
John Hancock Collateral Trust, 5.1773% (C)(D)	23,246	232,338	0.1%
TOTAL SHORT-TERM INVESTMENTS (Cost \$232,350)			
		\$ 232,338	
Total Investments (Emerging Markets Value Trust) (Cost \$222,263,793) - 98.7%			
		\$ 209,678,254	98.7%
Other assets and liabilities, net - 1.3%			
		2,855,847	1.3%
TOTAL NET ASSETS - 100.0%			
		\$ 212,534,101	100.0%

Security Abbreviations and Legend

ADR	American Depositary Receipt
GDR	Global Depositary Receipt
(A)	Non-income producing security.
(B)	These securities are exempt from registration under Rule 144A of the Securities Act of 1933. Such securities may be resold, normally to qualified institutional buyers, in transactions exempt from registration.
(C)	The rate shown is the annualized seven-day yield as of 6-30-23.
(D)	Investment is an affiliate of the fund, the advisor and/or subadvisor. This security represents the investment of cash collateral received for securities lending.

DERIVATIVES

FUTURES

Open contracts	Number of contracts	Position	Expiration date	Notional basis [^]	Notional value [^]	Unrealized appreciation (depreciation)
Mini MSCI Emerging Markets Index Futures	29	Long	Sep 2023	\$1,456,010	\$1,446,375	\$(9,635)
						\$(9,635)

[^] Notional basis refers to the contractual amount agreed upon at inception of open contracts; notional value represents the current value of the open contract.

See Notes to financial statements regarding investment transactions and other derivatives information.

John Hancock Variable Insurance Trust

Summary Portfolio of Investments — June 30, 2023 (unaudited) (showing percentage of total net assets)

Equity Income Trust

	Shares or Principal Amount	Value	% of Net Assets
COMMON STOCKS - 96.0%			
Communication services - 4.6%			
News Corp., Class A	1,183,045	\$ 23,069,378	1.7%
News Corp., Class B	124,182	2,448,869	0.2%
The Walt Disney Company (A)	182,639	16,306,010	1.2%
OTHER SECURITIES		21,671,439	1.5%
		63,495,696	
Consumer discretionary - 3.2%			
Las Vegas Sands Corp. (A)	243,083	14,098,814	1.0%
OTHER SECURITIES		30,652,811	2.2%
		44,751,625	
Consumer staples - 7.7%			
Conagra Brands, Inc.	542,312	18,286,761	1.3%
Kimberly-Clark Corp.	119,113	16,444,741	1.2%
Philip Morris International, Inc.	256,512	25,040,701	1.8%
Walmart, Inc.	91,528	14,386,371	1.0%
OTHER SECURITIES		32,812,039	2.4%
		106,970,613	
Energy - 8.1%			
Exxon Mobil Corp.	189,920	20,368,920	1.5%
TotalEnergies SE	537,552	30,857,970	2.2%
TotalEnergies SE, ADR	134,378	7,745,548	0.6%
OTHER SECURITIES		53,263,119	3.8%
		112,235,557	
Financials - 20.7%			
American International Group, Inc.	548,101	31,537,732	2.3%
Chubb, Ltd.	137,046	26,389,578	1.9%
Equitable Holdings, Inc.	803,310	21,817,900	1.6%
Fifth Third Bancorp	548,409	14,373,800	1.0%
Fiserv, Inc. (A)	128,544	16,215,826	1.2%
Huntington Bancshares, Inc.	1,177,240	12,690,647	0.9%
JPMorgan Chase & Co.	93,325	13,573,188	1.0%
Loews Corp.	229,446	13,624,503	1.0%
MetLife, Inc.	323,031	18,260,942	1.3%
The Hartford Financial Services Group, Inc.	184,984	13,322,548	1.0%
U.S. Bancorp	390,178	12,891,481	0.9%
Wells Fargo & Company	949,254	40,514,158	2.9%
OTHER SECURITIES		52,678,218	3.7%
		287,890,521	
Health care - 17.4%			
AbbVie, Inc.	95,009	12,800,563	0.9%
Becton, Dickinson and Company	113,379	29,933,190	2.2%
CVS Health Corp.	211,176	14,598,597	1.1%
Elevance Health, Inc.	69,076	30,689,776	2.2%
Johnson & Johnson	174,932	28,954,745	2.1%
Medtronic PLC	158,588	13,971,603	1.0%
Merck & Company, Inc.	116,921	13,491,514	1.0%
Pfizer, Inc.	380,032	13,939,574	1.0%
The Cigna Group	50,443	14,154,306	1.0%
Zimmer Biomet Holdings, Inc.	128,053	18,644,517	1.3%
OTHER SECURITIES		50,529,354	3.6%
		241,707,739	
Industrials - 11.8%			
General Electric Company	307,463	33,774,811	2.4%
L3Harris Technologies, Inc.	119,721	23,437,780	1.7%
Siemens AG, ADR	182,637	15,233,752	1.1%
Southwest Airlines Company	360,833	13,065,763	1.0%
Stanley Black & Decker, Inc.	168,865	15,824,339	1.1%
The Boeing Company (A)	81,134	17,132,255	1.2%
United Parcel Service, Inc., Class B	108,643	19,474,258	1.4%

Equity Income Trust (continued)

	Shares or Principal Amount	Value	% of Net Assets
COMMON STOCKS (continued)			
Industrials (continued)			
OTHER SECURITIES		\$ 25,513,623	1.9%
		163,456,581	
Information technology - 8.0%			
Applied Materials, Inc.	102,930	14,877,502	1.1%
Microsoft Corp.	71,452	24,332,264	1.8%
Qualcomm, Inc.	277,943	33,086,335	2.4%
OTHER SECURITIES		38,026,782	2.7%
		110,322,883	
Materials - 3.5%			
CF Industries Holdings, Inc.	326,840	22,689,233	1.6%
International Paper Company	502,773	15,993,209	1.1%
OTHER SECURITIES		10,395,953	0.8%
		49,078,395	
Real estate - 4.2%			
Equity Residential	313,032	20,650,721	1.5%
Weyerhaeuser Company	702,567	23,543,020	1.7%
OTHER SECURITIES		13,700,887	1.0%
		57,894,628	
Utilities - 6.8%			
Dominion Energy, Inc.	381,609	19,763,530	1.4%
Sempra Energy	96,319	14,023,083	1.0%
The Southern Company	613,278	43,082,780	3.1%
OTHER SECURITIES		17,626,686	1.3%
		94,496,079	
TOTAL COMMON STOCKS			
(Cost \$1,097,457,609)		\$ 1,332,300,317	
PREFERRED SECURITIES - 2.4%			
Consumer discretionary - 1.9%			
Volkswagen AG, ADR	1,113,317	14,929,581	1.1%
OTHER SECURITIES		11,423,821	0.8%
		26,353,402	
Utilities - 0.5%			
TOTAL PREFERRED SECURITIES		\$ 33,166,034	
(Cost \$32,168,014)			
SHORT-TERM INVESTMENTS - 1.6%			
Short-term funds - 1.6%			
John Hancock Collateral Trust, 5.1773% (B)(C)	181,460	1,813,652	0.1%
T. Rowe Price Government Reserve Fund, 5.1068% (B)	17,939,902	17,939,902	1.3%
OTHER SECURITIES		2,248,450	0.2%
		22,002,004	
TOTAL SHORT-TERM INVESTMENTS			
(Cost \$22,002,024)		\$ 22,002,004	
Total Investments (Equity Income Trust)			
(Cost \$1,151,627,647) - 100.0%		\$ 1,387,468,355	100.0%
Other assets and liabilities, net - 0.0%			
		276,511	0.0%
TOTAL NET ASSETS - 100.0%			
		\$ 1,387,744,866	100.0%

Security Abbreviations and Legend

ADR	American Depository Receipt
(A)	Non-income producing security.
(B)	The rate shown is the annualized seven-day yield as of 6-30-23.
(C)	Investment is an affiliate of the fund, the advisor and/or subadvisor.
	This security represents the investment of cash collateral received for securities lending.

John Hancock Variable Insurance Trust

Summary Portfolio of Investments — June 30, 2023 (unaudited) (showing percentage of total net assets)

Financial Industries Trust

	Shares or Principal Amount	Value	% of Net Assets
COMMON STOCKS - 96.2%			
Financials - 93.5%			
AllianceBernstein Holding LP	43,655	\$ 1,403,945	1.3%
American Express Company	8,231	1,433,840	1.3%
Ameriprise Financial, Inc.	11,032	3,664,389	3.3%
Arch Capital Group, Ltd. (A)	38,246	2,862,713	2.6%
Ares Management Corp., Class A	28,964	2,790,681	2.5%
Arthur J. Gallagher & Company	9,333	2,049,247	1.8%
Atlantic Union Bankshares Corp.	39,153	1,016,020	0.9%
Bank of America Corp.	85,222	2,445,019	2.2%
Berkshire Hathaway, Inc., Class B (A)	4,094	1,396,054	1.2%
BNP Paribas SA	36,419	2,298,256	2.0%
Brookfield Corp.	43,338	1,458,324	1.3%
Cambridge Bancorp	20,031	1,087,884	1.0%
Citigroup, Inc.	23,905	1,100,586	1.0%
Citizens Financial Group, Inc.	64,502	1,682,212	1.5%
Coastal Financial Corp. (A)	27,621	1,039,931	0.9%
Comerica, Inc.	39,734	1,683,132	1.5%
East West Bancorp, Inc.	43,562	2,299,638	2.0%
Federated Hermes, Inc.	34,647	1,242,095	1.1%
Fifth Third Bancorp	124,799	3,270,982	2.9%
First Merchants Corp.	39,894	1,126,208	1.0%
Independent Bank Corp. (Massachusetts)	20,548	914,591	0.8%
ING Groep NV	168,238	2,268,116	2.0%
James River Group Holdings, Ltd.	68,546	1,251,650	1.1%
JPMorgan Chase & Co.	18,459	2,684,677	2.4%
KKR & Company, Inc.	27,002	1,512,112	1.3%
M&T Bank Corp.	13,420	1,660,859	1.5%
Markel Group, Inc. (A)	2,780	3,845,245	3.4%
Morgan Stanley	36,948	3,155,359	2.8%
Nicolet Bankshares, Inc.	18,576	1,261,496	1.1%
Onex Corp.	25,461	1,406,289	1.3%
Popular, Inc.	27,673	1,674,770	1.5%
Regions Financial Corp.	191,287	3,408,734	3.0%
Reinsurance Group of America, Inc.	15,168	2,103,650	1.9%
RenaissanceRe Holdings, Ltd.	9,686	1,806,633	1.6%
S&P Global, Inc.	6,868	2,753,313	2.5%
Skyward Specialty Insurance Group, Inc. (A)	51,712	1,313,485	1.2%
Stock Yards Bancorp, Inc.	26,036	1,181,253	1.1%
Sumitomo Mitsui Financial Group, Inc.	61,300	2,627,282	2.3%
Swiss Re AG	11,551	1,163,911	1.0%
The Allstate Corp.	10,538	1,149,064	1.0%
The Charles Schwab Corp.	43,164	2,446,536	2.2%
The Travelers Companies, Inc.	10,577	1,836,802	1.6%
Tradeweb Markets, Inc., Class A	20,465	1,401,443	1.2%
TriCo Bancshares	39,093	1,297,888	1.2%
U.S. Bancorp	66,584	2,199,935	2.0%
Unum Group	55,169	2,631,561	2.3%
Visa, Inc., Class A	10,159	2,412,559	2.1%
Wells Fargo & Company	81,390	3,473,725	3.1%
OTHER SECURITIES		10,870,086	9.7%
		105,064,180	
Real estate - 2.7%			
Prologis, Inc.	14,073	1,725,772	1.5%
Rexford Industrial Realty, Inc.	23,283	1,215,838	1.1%

Financial Industries Trust (continued)

	Shares or Principal Amount	Value	% of Net Assets
COMMON STOCKS (continued)			
Real estate (continued)			
OTHER SECURITIES		\$ 124,346	0.1%
		3,065,956	
TOTAL COMMON STOCKS (Cost \$113,091,279)		\$ 108,130,136	
CONVERTIBLE BONDS - 0.6%			
Financials - 0.6%		626,731	0.6%
TOTAL CONVERTIBLE BONDS (Cost \$667,099)		\$ 626,731	
CORPORATE BONDS - 0.4%			
Financials - 0.4%			
BNP Paribas SA 7.750%, (7.750% to 8-16-29, then 5 Year CMT + 4.899%), 08/16/2029 (B)(C)	\$ 508,000	491,693	0.4%
TOTAL CORPORATE BONDS (Cost \$475,067)		\$ 491,693	
SHORT-TERM INVESTMENTS - 2.3%			
Short-term funds - 2.3%			
John Hancock Collateral Trust, 5.1773% (D)(E)	259,281	2,591,461	2.3%
TOTAL SHORT-TERM INVESTMENTS (Cost \$2,591,592)		\$ 2,591,461	
Total Investments (Financial Industries Trust) (Cost \$116,825,037) - 99.5%			
Other assets and liabilities, net - 0.5%			
TOTAL NET ASSETS - 100.0%			
\$ 111,840,021 99.5%			
560,050 0.5%			
\$ 112,400,071 100.0%			

Security Abbreviations and Legend

CMT	Constant Maturity Treasury
(A)	Non-income producing security.
(B)	These securities are exempt from registration under Rule 144A of the Securities Act of 1933. Such securities may be resold, normally to qualified institutional buyers, in transactions exempt from registration.
(C)	Perpetual bonds have no stated maturity date. Date shown as maturity date is next call date.
(D)	The rate shown is the annualized seven-day yield as of 6-30-23.
(E)	Investment is an affiliate of the fund, the advisor and/or subadvisor.

Fundamental All Cap Core Trust

	Shares or Principal Amount	Value	% of Net Assets
COMMON STOCKS - 99.6%			
Communication services - 10.8%			
Alphabet, Inc., Class A (A)	970,461	\$ 116,164,182	5.4%
CarGurus, Inc. (A)	1,009,579	22,846,773	1.0%
Liberty Media Corp.-Liberty Formula One, Series C (A)	879,216	66,187,380	3.1%
Warner Brothers Discovery, Inc. (A)	2,225,617	27,909,237	1.3%
		233,107,572	
Consumer discretionary - 21.6%			
Amazon.com, Inc. (A)	1,235,425	161,050,002	7.5%
Canada Goose Holdings, Inc. (A)	1,570,807	27,960,365	1.3%
Dufry AG (A)	758,534	34,598,211	1.6%
Group 1 Automotive, Inc.	211,352	54,549,951	2.5%
Lennar Corp., A Shares	728,742	91,318,660	4.2%
NVR, Inc. (A)	4,653	29,549,435	1.4%
Polaris, Inc.	430,239	52,028,802	2.4%

John Hancock Variable Insurance Trust

Summary Portfolio of Investments — June 30, 2023 (unaudited) (showing percentage of total net assets)

Fundamental All Cap Core Trust (continued)

	Shares or Principal Amount	Value	% of Net Assets
COMMON STOCKS (continued)			
Consumer discretionary (continued)			
Salvatore Ferragamo SpA	945,747	\$ 15,573,336	0.7%
		466,628,762	
Consumer staples - 5.2%			
Anheuser-Busch InBev SA/NV, ADR	749,756	42,526,160	2.0%
BellRing Brands, Inc. (A)	687,428	25,159,865	1.2%
The Hain Celestial Group, Inc. (A)	1,345,520	16,832,455	0.8%
Walmart, Inc.	168,658	26,509,664	1.2%
		111,028,144	
Energy - 4.4%			
Cheniere Energy, Inc.	419,632	63,935,132	2.9%
Suncor Energy, Inc.	1,084,617	31,800,970	1.5%
		95,736,102	
Financials - 15.6%			
First Hawaiian, Inc.	3,868,945	69,679,699	3.3%
KKR & Company, Inc.	1,420,873	79,568,888	3.7%
Morgan Stanley	815,099	69,609,455	3.2%
S&P Global, Inc.	113,607	45,543,910	2.1%
The Goldman Sachs Group, Inc.	221,679	71,500,345	3.3%
		335,902,297	
Health care - 5.5%			
Alnylam			
Pharmaceuticals, Inc. (A)	66,386	12,609,357	0.6%
Elanco Animal Health, Inc. (A)	1,038,264	10,444,936	0.5%
Elevance Health, Inc.	87,481	38,866,933	1.8%
Hologic, Inc. (A)	194,511	15,749,556	0.7%
Moderna, Inc. (A)	196,326	23,853,609	1.1%
Thermo Fisher Scientific, Inc.	33,187	17,315,317	0.8%
		118,839,708	
Industrials - 4.9%			
Parker-Hannifin Corp.	85,904	33,505,996	1.5%
Regal Rexnord Corp.	122,671	18,879,067	0.9%
Sensata Technologies			
Holding PLC	238,291	10,720,712	0.5%
United Rentals, Inc.	97,826	43,568,766	2.0%
		106,674,541	
Information technology - 26.0%			
Analog Devices, Inc.			
Apple, Inc.	394,181	76,790,401	3.6%
Autodesk, Inc. (A)	509,884	98,902,199	4.6%
CDW Corp.	150,927	30,881,173	1.4%
Microsoft Corp.	102,464	18,802,144	0.9%
NVIDIA Corp.	75,181	25,602,138	1.2%
Oracle Corp.	182,276	77,106,394	3.6%
Roper Technologies, Inc.	372,834	44,400,801	2.0%
Salesforce, Inc. (A)	73,961	35,560,449	1.6%
Workday, Inc., Class A (A)	397,578	83,992,328	3.9%
	303,905	68,649,100	3.2%
		560,687,127	
Materials - 1.3%			
Axalta Coating			
Systems, Ltd. (A)	867,475	28,461,855	1.3%
Real estate - 4.3%			
American Tower Corp.	103,452	20,063,481	0.9%
Crown Castle, Inc.	575,024	65,518,235	3.1%
Five Point Holdings LLC, Class A (A)	2,415,981	6,982,185	0.3%
		92,563,901	
TOTAL COMMON STOCKS (Cost \$1,486,987,937)		\$ 2,149,630,009	

Fundamental All Cap Core Trust (continued)

	Shares or Principal Amount	Value	% of Net Assets
SHORT-TERM INVESTMENTS - 1.1%			
Short-term funds - 1.1%			
John Hancock Collateral Trust, 5.1773% (B)(C)	2,359,067	\$ 23,578,406	1.1%
TOTAL SHORT-TERM INVESTMENTS (Cost \$23,580,470)		\$ 23,578,406	
Total Investments (Fundamental All Cap Core Trust) (Cost \$1,510,568,407) - 100.7%		\$ 2,173,208,415	100.7%
Other assets and liabilities, net - (0.7)%		(15,815,016)	(0.7)%
TOTAL NET ASSETS - 100.0%		\$ 2,157,393,399	100.0%

Security Abbreviations and Legend

ADR	American Depositary Receipt
(A)	Non-income producing security.
(B)	The rate shown is the annualized seven-day yield as of 6-30-23.
(C)	Investment is an affiliate of the fund, the advisor and/or subadvisor.

Fundamental Large Cap Value Trust

	Shares or Principal Amount	Value	% of Net Assets
COMMON STOCKS - 96.4%			
Communication services - 8.6%			
Alphabet, Inc., Class A (A)	156,690	\$ 18,755,793	2.5%
Charter Communications, Inc., Class A (A)	18,020	6,620,007	0.9%
Comcast Corp., Class A	674,965	28,044,796	3.7%
Meta Platforms, Inc., Class A (A)	39,265	11,268,270	1.5%
		64,688,866	
Consumer discretionary - 8.4%			
CarMax, Inc. (A)	110,897	9,282,079	1.2%
Dufry AG (A)	178,831	8,156,830	1.1%
eBay, Inc.	285,688	12,767,397	1.7%
Lennar Corp., A Shares	263,321	32,996,755	4.4%
		63,203,061	
Consumer staples - 7.6%			
Anheuser-Busch InBev SA/NV, ADR	215,540	12,225,429	1.6%
Danone SA	184,413	11,301,465	1.5%
Heineken Holding NV	95,873	8,343,065	1.1%
Walmart, Inc.	164,542	25,862,712	3.4%
		57,732,671	
Energy - 6.3%			
Cheniere Energy, Inc.	138,956	21,171,336	2.8%
Chevron Corp.	66,988	10,540,562	1.4%
Suncor Energy, Inc.	435,914	12,780,998	1.7%
OTHER SECURITIES			
		3,438,886	0.4%
		47,931,782	
Financials - 18.0%			
Bank of America Corp.	467,176	13,403,279	1.8%
Citigroup, Inc.	289,849	13,344,648	1.8%
JPMorgan Chase & Co.	105,905	15,402,823	2.0%
KKR & Company, Inc.	486,089	27,220,984	3.6%
Morgan Stanley	121,521	10,377,893	1.4%
Nasdaq, Inc.	270,270	13,472,960	1.8%
State Street Corp.	222,113	16,254,229	2.1%
The Goldman Sachs Group, Inc.	27,447	8,852,755	1.2%
Wells Fargo & Company	326,109	13,918,332	1.8%
OTHER SECURITIES			
		3,639,038	0.5%
		135,886,941	

John Hancock Variable Insurance Trust

Summary Portfolio of Investments — June 30, 2023 (unaudited) (showing percentage of total net assets)

Fundamental Large Cap Value Trust (continued)

	Shares or Principal Amount	Value	% of Net Assets
COMMON STOCKS (continued)			
Health care - 13.0%			
Danaher Corp.	46,843	\$ 11,242,320	1.5%
Elanco Animal Health, Inc. (A)	939,416	9,450,525	1.2%
Elevance Health, Inc.	75,438	33,516,349	4.4%
Gilead Sciences, Inc.	89,153	6,871,022	0.9%
GSK PLC, ADR	289,796	10,328,329	1.4%
Hologic, Inc. (A)	81,458	6,595,654	0.9%
Merck & Company, Inc.	50,127	5,784,155	0.8%
Novartis AG, ADR	92,943	9,378,878	1.2%
OTHER SECURITIES		5,288,409	0.7%
		98,455,641	
Industrials - 14.6%			
Airbus SE	67,136	9,706,642	1.3%
Fortive Corp.	177,176	13,247,450	1.7%
L3Harris Technologies, Inc.	30,304	5,932,614	0.8%
Parker-Hannifin Corp.	81,842	31,921,654	4.2%
Raytheon Technologies Corp.	143,230	14,030,811	1.8%
Sensata Technologies Holding PLC	162,252	7,299,717	1.0%
United Rentals, Inc.	64,249	28,614,577	3.8%
		110,753,465	
Information technology - 15.3%			
Analog Devices, Inc.	63,959	12,459,853	1.6%
Cognizant Technology Solutions Corp., Class A	124,382	8,119,657	1.1%
Microsoft Corp.	63,508	21,627,014	2.8%
Oracle Corp.	347,772	41,416,167	5.5%
Samsung Electronics Company, Ltd.	157,290	8,660,896	1.1%
Vontier Corp.	442,154	14,241,780	1.9%
OTHER SECURITIES		9,545,835	1.3%
		116,071,202	
Materials - 2.2%			
Axalta Coating Systems, Ltd. (A)	290,592	9,534,324	1.3%
LyondellBasell Industries NV, Class A	73,401	6,740,414	0.9%
		16,274,738	
Real estate - 2.4%			
American Tower Corp.	38,711	7,507,611	1.0%
Crown Castle, Inc.	95,795	10,914,882	1.4%
		18,422,493	
TOTAL COMMON STOCKS (Cost \$558,776,951)		\$ 729,420,860	
ESCROW CERTIFICATES - 0.0%			
TOTAL ESCROW CERTIFICATES (Cost \$3)		\$ 0	0.0%
SHORT-TERM INVESTMENTS - 3.8%			
Short-term funds - 3.8%			
John Hancock Collateral Trust, 5.1773% (B)(C)	2,921,102	29,195,835	3.8%
TOTAL SHORT-TERM INVESTMENTS (Cost \$29,196,770)		\$ 29,195,835	
Total Investments (Fundamental Large Cap Value Trust) (Cost \$587,973,724) - 100.2%			
Other assets and liabilities, net - (0.2)%			
TOTAL NET ASSETS - 100.0%			
		\$ 756,902,161	100.0%

Security Abbreviations and Legend

ADR	American Depositary Receipt
(A)	Non-income producing security.
(B)	The rate shown is the annualized seven-day yield as of 6-30-23.
(C)	Investment is an affiliate of the fund, the advisor and/or subadvisor.

Global Equity Trust

	Shares or Principal Amount	Value	% of Net Assets
COMMON STOCKS - 96.2%			
France - 15.4%			
Air Liquide SA	20,148	\$ 3,613,252	1.2%
Capgemini SE	46,878	8,876,022	3.0%
Carrefour SA	241,965	4,585,424	1.6%
Cie de Saint-Gobain	117,882	7,177,428	2.5%
Sanofi	73,806	7,945,663	2.7%
Thales SA	30,689	4,598,111	1.6%
TotalEnergies SE	103,028	5,914,299	2.0%
OTHER SECURITIES		2,235,763	0.8%
		44,945,962	
Ireland - 4.6%			
Accenture PLC, Class A	21,665	6,685,386	2.3%
CRH PLC	120,728	6,677,998	2.3%
		13,363,384	
Japan - 9.2%			
FANUC Corp.	143,355	5,032,570	1.7%
Sumitomo Mitsui Financial Group, Inc.	260,400	11,160,600	3.8%
Tokyo Electric Power Company Holdings, Inc. (A)	1,435,000	5,263,325	1.8%
OTHER SECURITIES		5,463,495	1.9%
		26,919,990	
Netherlands - 6.2%			
Heineken NV	38,248	3,933,305	1.3%
ING Groep NV	627,272	8,456,650	2.9%
Koninklijke Ahold Delhaize NV	84,562	2,882,982	1.0%
Stellantis NV	163,240	2,869,896	1.0%
		18,142,833	
Spain - 1.4%			
Amadeus IT Group SA (A)	52,400	3,990,290	1.4%
Switzerland - 2.3%			
Chubb, Ltd.	19,178	3,692,916	1.3%
Roche Holding AG	9,508	2,904,409	1.0%
		6,597,325	
United Kingdom - 2.0%			
Amcor PLC	141,316	1,410,334	0.5%
Amcor PLC, CHESS Depositary Interest	156,691	1,555,102	0.5%
Reckitt Benckiser Group PLC	37,288	2,802,231	1.0%
		5,767,667	
United States - 55.1%			
Alphabet, Inc., Class A (A)	87,851	10,515,765	3.6%
Apple, Inc.	52,047	10,095,557	3.5%
Arthur J. Gallagher & Company	20,842	4,576,278	1.6%
AutoZone, Inc. (A)	2,733	6,814,353	2.3%
Bank of America Corp.	104,345	2,993,658	1.0%
Cisco Systems, Inc.	113,900	5,893,186	2.0%
ConocoPhillips	68,575	7,105,056	2.4%
Corteva, Inc.	51,468	2,949,116	1.0%
Darden Restaurants, Inc.	21,942	3,666,069	1.3%
Electronic Arts, Inc.	33,591	4,356,753	1.5%
Elevance Health, Inc.	12,738	5,659,366	1.9%
FMC Corp.	52,658	5,494,336	1.9%
Intercontinental Exchange, Inc.	42,719	4,830,665	1.7%
Johnson & Johnson	17,435	2,885,841	1.0%
Lowe's Companies, Inc.	23,597	5,325,843	1.8%
McKesson Corp.	7,232	3,090,306	1.1%
Microsoft Corp.	51,531	17,548,364	6.0%
Oracle Corp.	68,206	8,122,653	2.8%
Otis Worldwide Corp.	63,410	5,644,124	1.9%
Philip Morris International, Inc.	90,233	8,808,545	3.0%

John Hancock Variable Insurance Trust

Summary Portfolio of Investments — June 30, 2023 (unaudited) (showing percentage of total net assets)

Global Equity Trust (continued)

	Shares or Principal Amount	Value	% of Net Assets
COMMON STOCKS (continued)			
United States (continued)			
T-Mobile US, Inc. (A)	33,939	\$ 4,714,127	1.6%
UnitedHealth Group, Inc.	6,301	3,028,513	1.0%
Vertex Pharmaceuticals, Inc. (A)	17,776	6,255,552	2.2%
Visa, Inc., Class A	25,207	5,986,158	2.1%
Walmart, Inc.	29,303	4,605,846	1.6%
Waste Management, Inc.	30,566	5,300,756	1.8%
Wells Fargo & Company	103,275	4,407,777	1.5%
		160,674,563	
TOTAL COMMON STOCKS (Cost \$252,708,020)		\$ 280,402,014	
PREFERRED SECURITIES - 2.4%			
South Korea - 2.4%			
Samsung Electronics Company, Ltd.	158,212	7,179,551	2.4%
TOTAL PREFERRED SECURITIES (Cost \$8,225,898)		\$ 7,179,551	
ESCROW			
CERTIFICATES - 0.0%			
TOTAL ESCROW CERTIFICATES (Cost \$0)		\$ 0	0.0%
SHORT-TERM INVESTMENTS - 1.2%			
Short-term funds - 1.2%			
Federated Government Obligations Fund, Institutional Class, 4.9086% (B)	3,485,204	3,485,204	1.2%
TOTAL SHORT-TERM INVESTMENTS (Cost \$3,485,204)		\$ 3,485,204	
Total Investments (Global Equity Trust) (Cost \$264,419,122) - 99.8%		\$ 291,066,769	99.8%
Other assets and liabilities, net - 0.2%		463,640	0.2%
TOTAL NET ASSETS - 100.0%		\$ 291,530,409	100.0%

Security Abbreviations and Legend

- (A) Non-income producing security.
(B) The rate shown is the annualized seven-day yield as of 6-30-23.

Health Sciences Trust

	Shares or Principal Amount	Value	% of Net Assets
COMMON STOCKS - 98.7%			
Consumer discretionary - 0.1%			
		\$ 161,731	0.1%
Health care - 98.6%			
10X Genomics, Inc., Class A (A)	23,007	1,284,711	0.5%
AbbVie, Inc.	13,106	1,765,771	0.7%
Agilent Technologies, Inc.	32,103	3,860,386	1.4%
Alnylam Pharmaceuticals, Inc. (A)	23,193	4,405,278	1.6%
Apellis Pharmaceuticals, Inc. (A)	49,968	4,552,085	1.7%
Argenx SE, ADR (A)	12,713	4,954,637	1.8%
AstraZeneca PLC, ADR	121,176	8,672,566	3.2%
Avantor, Inc. (A)	60,069	1,233,817	0.5%
Becton, Dickinson and Company	15,541	4,102,979	1.5%
BeiGene, Ltd., ADR (A)	10,324	1,840,769	0.7%
BioMarin Pharmaceutical, Inc. (A)	15,076	1,306,788	0.5%
Blueprint Medicines Corp. (A)	30,194	1,908,261	0.7%

Health Sciences Trust (continued)

	Shares or Principal Amount	Value	% of Net Assets
COMMON STOCKS (continued)			
Health care (continued)			
Boston Scientific Corp. (A)	24,324	\$ 1,315,685	0.5%
Bruker Corp.	21,940	1,621,805	0.6%
Centene Corp. (A)	34,191	2,306,183	0.9%
Charles River Laboratories International, Inc. (A)	5,882	1,236,691	0.5%
Daiichi Sankyo Company, Ltd.	45,300	1,439,374	0.5%
Danaher Corp.	21,659	5,198,160	1.9%
DexCom, Inc. (A)	17,756	2,281,824	0.9%
Elevance Health, Inc.	17,788	7,903,031	2.9%
Eli Lilly & Company	35,137	16,478,545	6.1%
Exact Sciences Corp. (A)	26,741	2,510,980	0.9%
Genmab A/S (A)	3,843	1,456,334	0.5%
HCA Healthcare, Inc.	9,988	3,031,158	1.1%
Hologic, Inc. (A)	27,391	2,217,849	0.8%
Humana, Inc.	10,438	4,667,143	1.7%
Immunocore Holdings PLC, ADR (A)	29,785	1,785,909	0.7%
Insulet Corp. (A)	7,239	2,087,293	0.8%
Intuitive Surgical, Inc. (A)	30,938	10,578,940	3.9%
Karuna Therapeutics, Inc. (A)	12,894	2,796,064	1.0%
Legend Biotech Corp., ADR (A)	27,245	1,880,722	0.7%
Merck & Company, Inc.	94,292	10,880,354	4.1%
Molina Healthcare, Inc. (A)	13,022	3,922,747	1.5%
Novo Nordisk A/S, ADR	12,079	1,954,745	0.7%
Penumbra, Inc. (A)	13,857	4,767,639	1.8%
Pfizer, Inc.	66,443	2,437,129	0.9%
Regeneron Pharmaceuticals, Inc. (A)	12,631	9,075,879	3.4%
Roche Holding AG	6,468	1,975,779	0.7%
Shockwave Medical, Inc. (A)	9,312	2,657,738	1.0%
Stryker Corp.	25,167	7,678,200	2.9%
Teleflex, Inc.	5,151	1,246,697	0.5%
The Cigna Group	11,681	3,277,689	1.2%
Thermo Fisher Scientific, Inc.	23,238	12,124,427	4.5%
UnitedHealth Group, Inc.	39,923	19,188,591	7.2%
Veeva Systems, Inc., Class A (A)	8,746	1,729,347	0.6%
Vertex Pharmaceuticals, Inc. (A)	22,309	7,850,760	2.9%
West Pharmaceutical Services, Inc.	6,488	2,481,465	0.9%
Zimmer Biomet Holdings, Inc.	12,353	1,798,597	0.7%
OTHER SECURITIES		56,864,692	21.4%
		264,594,213	
Materials - 0.0%		146,676	0.0%
TOTAL COMMON STOCKS (Cost \$213,076,432)		\$ 264,902,620	
PREFERRED SECURITIES - 0.5%			
Health care - 0.5%			
Sartorius AG	3,530	1,222,999	0.5%
TOTAL PREFERRED SECURITIES (Cost \$741,184)		\$ 1,222,999	
WARRANTS - 0.0%			
TOTAL WARRANTS (Cost \$29,139)		\$ 1,272	0.0%
SHORT-TERM INVESTMENTS - 1.2%			
Short-term funds - 1.2%			
T. Rowe Price Government Reserve Fund, 5.1068% (B)	2,551,737	2,551,737	1.0%

John Hancock Variable Insurance Trust

Summary Portfolio of Investments — June 30, 2023 (unaudited) (showing percentage of total net assets)

Health Sciences Trust (continued)

	Shares or Principal Amount	Value	% of Net Assets
SHORT-TERM INVESTMENTS (continued)			
Short-term funds (continued)			
OTHER SECURITIES		\$ 577,057	0.2%
		3,128,794	
TOTAL SHORT-TERM INVESTMENTS (Cost \$3,128,794)		\$ 3,128,794	
Total Investments (Health Sciences Trust) (Cost \$216,975,549) - 100.4%		\$ 269,255,685	100.4%
Other assets and liabilities, net - (0.4)%		(1,015,698)	(0.4)%
TOTAL NET ASSETS - 100.0%		\$ 268,239,987	100.0%

Security Abbreviations and Legend

ADR	American Depositary Receipt
(A)	Non-income producing security.
(B)	The rate shown is the annualized seven-day yield as of 6-30-23.

International Equity Index Trust (continued)

	Shares or Principal Amount	Value	% of Net Assets
COMMON STOCKS (continued)			
Finland - 0.7%			
France - 7.7%		\$ 5,881,266	0.7%
Air Liquide SA	17,904	3,210,823	0.4%
Airbus SE	20,253	2,928,221	0.4%
BNP Paribas SA	37,731	2,381,057	0.3%
L'Oreal SA	8,231	3,839,574	0.5%
LVMH Moët Hennessy Louis Vuitton SE	9,344	8,810,595	1.1%
Sanofi	38,398	4,133,777	0.5%
Schneider Electric SE	17,968	3,264,375	0.4%
Schneider Electric SE (Euronext London Exchange)	623	113,647	0.0%
TotalEnergies SE	80,054	4,595,482	0.6%
OTHER SECURITIES		31,097,969	3.5%
		64,375,520	
Germany - 5.1%			
Allianz SE	13,716	3,194,790	0.4%
Deutsche Telekom AG	110,734	2,416,058	0.3%
SAP SE	35,467	4,845,067	0.6%
Siemens AG	25,717	4,287,057	0.5%
OTHER SECURITIES		27,830,666	3.3%
		42,573,638	
Greece - 0.1%			
		1,017,112	0.1%
Hong Kong - 2.3%			
AIA Group, Ltd.	394,000	4,001,661	0.5%
OTHER SECURITIES		15,107,474	1.8%
		19,109,135	
Hungary - 0.1%			
		483,701	0.1%
India - 4.0%			
Reliance Industries, Ltd.	19,318	602,895	0.1%
Reliance Industries, Ltd., GDR (C)	42,342	2,636,842	0.3%
OTHER SECURITIES		29,926,185	3.6%
		33,165,922	
Indonesia - 0.5%			
		4,529,906	0.5%
Ireland - 0.9%			
		7,526,707	0.9%
Israel - 0.4%			
		3,236,315	0.4%
Italy - 1.4%			
		11,563,538	1.4%
Japan - 14.6%			
Keyence Corp.	6,596	3,134,134	0.4%
Mitsubishi UFJ Financial Group, Inc.	386,400	2,848,183	0.4%
Sony Group Corp.	42,800	3,863,565	0.5%
Toyota Motor Corp.	358,900	5,768,273	0.7%
OTHER SECURITIES		105,722,436	12.6%
		121,336,591	
Jordan - 0.0%			
		166,216	0.0%
Luxembourg - 0.1%			
		1,151,165	0.1%
Macau - 0.0%			
		315,074	0.0%
Malaysia - 0.4%			
		3,063,714	0.4%
Mexico - 0.8%			
		6,296,576	0.8%
Netherlands - 3.2%			
ASML Holding NV	13,642	9,894,956	1.2%
OTHER SECURITIES		16,605,385	2.0%
		26,500,341	
New Zealand - 0.2%			
		1,322,675	0.2%
Norway - 0.4%			
		3,396,016	0.4%
Peru - 0.1%			
		418,626	0.1%
Philippines - 0.2%			
		1,489,028	0.2%

International Equity Index Trust

	Shares or Principal Amount	Value	% of Net Assets
COMMON STOCKS - 96.6%			
Australia - 4.7%			
BHP Group, Ltd.	172,549	\$ 5,187,173	0.6%
Commonwealth Bank of Australia	57,629	3,858,086	0.5%
CSL, Ltd.	16,501	3,055,642	0.4%
OTHER SECURITIES		26,763,332	3.2%
		38,864,233	
Austria - 0.1%			
		999,916	0.1%
Belgium - 0.5%			
		4,256,450	0.5%
Brazil - 1.1%			
		9,016,726	1.1%
Canada - 7.5%			
Canadian National Railway Company	19,500	2,361,344	0.3%
Canadian Pacific Kansas City, Ltd.	31,600	2,552,331	0.3%
Enbridge, Inc.	69,000	2,564,680	0.3%
Manulife Financial Corp. (A)	64,200	1,213,488	0.2%
Royal Bank of Canada	47,000	4,488,726	0.5%
Shopify, Inc., Class A (B)	40,500	2,617,558	0.3%
The Toronto-Dominion Bank	61,695	3,823,949	0.5%
OTHER SECURITIES		43,109,925	5.1%
		62,732,001	
Cayman Islands - 0.0%			
		103,995	0.0%
Chile - 0.1%			
		1,241,872	0.1%
China - 6.8%			
Alibaba Group Holding, Ltd. (B)	544,400	5,667,120	0.7%
Alibaba Group Holding, Ltd., ADR (B)	1,928	160,699	0.0%
Meituan, Class B (B)(C)	171,900	2,695,550	0.3%
Tencent Holdings, Ltd.	210,500	8,925,448	1.1%
OTHER SECURITIES		39,613,403	4.7%
		57,062,220	
Colombia - 0.0%			
		102,638	0.0%
Czech Republic - 0.0%			
		398,135	0.0%
Denmark - 2.0%			
Novo Nordisk A/S, B Shares	56,226	9,082,739	1.1%
OTHER SECURITIES		7,252,461	0.9%
		16,335,200	
Egypt - 0.0%			
		171,598	0.0%

John Hancock Variable Insurance Trust

Summary Portfolio of Investments — June 30, 2023 (unaudited) (showing percentage of total net assets)

International Equity Index Trust (continued)

	Shares or Principal Amount	Value	% of Net Assets
COMMON STOCKS (continued)			
Poland - 0.2%		\$ 1,828,512	0.2%
Portugal - 0.1%		933,531	0.1%
Russia - 0.0%		193,855	0.0%
Saudi Arabia - 1.1%		9,107,804	1.1%
Singapore - 0.9%		7,689,047	0.9%
South Africa - 0.9%		7,108,311	0.9%
South Korea - 3.1%			
Samsung Electronics Company, Ltd.	162,209	8,931,760	1.1%
OTHER SECURITIES		16,849,821	2.0%
		25,781,581	
Spain - 1.6%			
Iberdrola SA	196,985	2,572,394	0.3%
OTHER SECURITIES		11,165,671	1.3%
		13,738,065	
Sweden - 2.0%		16,404,813	2.0%
Switzerland - 6.9%			
Cie Financiere Richemont SA, A Shares	17,834	3,029,426	0.4%
Nestle SA	93,056	11,193,856	1.3%
Novartis AG	69,360	6,992,836	0.8%
Roche Holding AG	23,774	7,262,245	0.9%
Roche Holding AG, Bearer Shares	911	299,153	0.0%
Zurich Insurance Group AG	5,140	2,445,040	0.3%
OTHER SECURITIES		26,312,843	3.2%
		57,535,399	
Taiwan - 4.2%			
Taiwan Semiconductor Manufacturing Company, Ltd.	833,227	15,392,480	1.9%
OTHER SECURITIES		19,249,280	2.3%
		34,641,760	
Thailand - 0.5%		4,014,933	0.5%
Turkey - 0.1%		1,145,330	0.1%
United Arab Emirates - 0.0%		9	0.0%
United Kingdom - 8.9%			
AstraZeneca PLC	52,629	7,544,607	0.9%
BP PLC	598,768	3,486,261	0.4%
British American Tobacco PLC	72,982	2,424,864	0.3%
Diageo PLC	76,297	3,280,091	0.4%
GSK PLC	138,567	2,455,767	0.3%
HSBC Holdings PLC	679,102	5,377,034	0.7%
Rio Tinto PLC	38,611	2,453,723	0.3%
Shell PLC	231,718	6,912,553	0.8%
Unilever PLC	86,099	4,483,549	0.5%
OTHER SECURITIES		35,539,034	4.3%
		73,957,483	
United States - 0.1%		816,630	0.1%
TOTAL COMMON STOCKS (Cost \$631,751,190)		\$ 805,100,829	

International Equity Index Trust (continued)

	Shares or Principal Amount	Value	% of Net Assets
PREFERRED SECURITIES - 0.9%			
Brazil - 0.4%		\$ 3,417,195	0.4%
Germany - 0.3%		2,749,631	0.3%
South Korea - 0.2%			
Samsung Electronics Company, Ltd.	28,139	1,276,928	0.2%
OTHER SECURITIES		201,845	0.0%
		1,478,773	
TOTAL PREFERRED SECURITIES (Cost \$7,334,326)		\$ 7,645,599	
RIGHTS - 0.0%			
Shell PLC (B)(D)	240,460	69,132	0.0%
TOTAL RIGHTS (Cost \$69,132)		\$ 69,132	
WARRANTS - 0.0%			
		350	0.0%
TOTAL WARRANTS (Cost \$0)		\$ 350	
SHORT-TERM INVESTMENTS - 1.5%			
Short-term funds - 1.5%			
Fidelity Government Portfolio, Institutional Class, 5.0243% (E)	11,937,660	11,937,660	1.4%
John Hancock Collateral Trust, 5.1773% (E)(F)	34,627	346,087	0.1%
TOTAL SHORT-TERM INVESTMENTS (Cost \$12,283,739)		\$ 12,283,747	
Total Investments (International Equity Index Trust) (Cost \$651,438,387) - 99.0%		\$ 825,099,657	99.0%
Other assets and liabilities, net - 1.0%		7,961,905	1.0%
TOTAL NET ASSETS - 100.0%		\$ 833,061,562	100.0%

Security Abbreviations and Legend

ADR	American Depositary Receipt
GDR	Global Depositary Receipt
(A)	Investment is an affiliate of the fund, the advisor and/or subadvisor.
(B)	Non-income producing security.
(C)	These securities are exempt from registration under Rule 144A of the Securities Act of 1933. Such securities may be resold, normally to qualified institutional buyers, in transactions exempt from registration.
(D)	Strike price and/or expiration date not available.
(E)	The rate shown is the annualized seven-day yield as of 6-30-23.
(F)	Investment is an affiliate of the fund, the advisor and/or subadvisor. This security represents the investment of cash collateral received for securities lending.

DERIVATIVES

FUTURES

Open contracts	Number of contracts	Position	Expiration date	Notional basis [^]	Notional value [^]	Unrealized appreciation (depreciation)
Mini MSCI EAFE Index Futures	33	Long	Sep 2023	\$3,520,691	\$3,554,760	\$34,069
Mini MSCI Emerging Markets Index Futures	245	Long	Sep 2023	12,311,748	12,219,375	(92,373)
MSCI Kuwait Index Futures	75	Long	Sep 2023	1,122,361	1,132,125	9,764

John Hancock Variable Insurance Trust

Summary Portfolio of Investments — June 30, 2023 (unaudited) (showing percentage of total net assets)

International Equity Index Trust (continued)

FUTURES (continued)

Open contracts	Number of contracts	Position	Expiration date	Notional basis [^]	Notional value [^]	Unrealized appreciation (depreciation)
MSCI Qatar Index Futures	75	Long	Sep 2023	\$1,167,346	\$1,153,875	\$(13,471)
MSCI UAE Index Futures	60	Long	Sep 2023	2,096,752	2,139,900	43,148
						\$(18,863)

[^] Notional basis refers to the contractual amount agreed upon at inception of open contracts; notional value represents the current value of the open contract.

See Notes to financial statements regarding investment transactions and other derivatives information.

International Small Company Trust

	Shares or Principal Amount	Value	% of Net Assets
COMMON STOCKS - 98.3%			
Australia - 6.2%		\$ 6,181,877	6.2%
Austria - 1.5%			
voestalpine AG	4,895	175,909	0.2%
OTHER SECURITIES		1,357,732	1.3%
		1,533,641	
Belgium - 1.5%		1,491,510	1.5%
Bermuda - 0.2%			
Hiscox, Ltd.	14,943	207,172	0.2%
Cambodia - 0.0%		28,000	0.0%
Canada - 10.9%			
Alamos Gold, Inc., Class A	22,405	266,881	0.3%
ATS Corp. (A)	4,247	195,399	0.2%
B2Gold Corp.	50,543	180,081	0.2%
B2Gold Corp. (NYSE American Exchange)	5,393	19,253	0.0%
Bombardier, Inc., Class B (A)	3,969	195,671	0.2%
Boyd Group Services, Inc.	1,160	221,317	0.2%
Capital Power Corp.	6,027	191,536	0.2%
Crescent Point Energy Corp.	9,419	63,421	0.1%
Crescent Point Energy Corp. (New York Stock Exchange)	16,800	113,064	0.1%
Finning International, Inc.	7,281	223,967	0.2%
PrairieSky Royalty, Ltd.	11,227	196,277	0.2%
SNC-Lavalin Group, Inc.	7,843	205,733	0.2%
OTHER SECURITIES		8,820,333	8.8%
		10,892,933	
China - 0.0%		12,552	0.0%
Denmark - 2.7%			
Royal Unibrew A/S	2,134	191,021	0.2%
OTHER SECURITIES		2,529,772	2.5%
		2,720,793	
Finland - 2.2%			
Orion OYJ, Class A	711	30,104	0.0%
Orion OYJ, Class B	3,859	160,153	0.2%
Valmet OYJ	7,336	204,209	0.2%
Wartsila OYJ ABP	18,553	209,204	0.2%
OTHER SECURITIES		1,549,300	1.6%
		2,152,970	
France - 5.0%			
Alten SA	1,325	208,959	0.2%
Rexel SA	10,217	252,503	0.3%
SCOR SE	6,613	194,406	0.2%
SPIE SA	5,882	190,219	0.2%
Valeo	8,798	189,063	0.2%
OTHER SECURITIES		3,993,491	3.9%
		5,028,641	
Gabon - 0.0%		3,976	0.0%
Georgia - 0.1%		67,963	0.1%

International Small Company Trust (continued)

	Shares or Principal Amount	Value	% of Net Assets
COMMON STOCKS (continued)			
Germany - 5.7%			
Fuchs Petrolub SE	2,106	\$ 67,509	0.1%
Gerresheimer AG	1,680	189,126	0.2%
HUGO BOSS AG	2,702	211,193	0.2%
thyssenkrupp AG	22,583	176,881	0.2%
OTHER SECURITIES		5,006,875	5.0%
		5,651,584	
Gibraltar - 0.0%		19,793	0.0%
Greece - 0.0%		15,872	0.0%
Guernsey, Channel Islands - 0.0%		145	0.0%
Hong Kong - 2.1%		2,089,673	2.1%
Indonesia - 0.0%		24,380	0.0%
Ireland - 0.5%		523,510	0.5%
Isle of Man - 0.1%		94,243	0.1%
Israel - 1.3%		1,280,509	1.3%
Italy - 4.0%			
Banco BPM SpA	68,596	318,618	0.3%
Brunello Cucinelli SpA	2,024	178,204	0.2%
Interpump Group SpA	3,216	178,864	0.2%
Leonardo SpA	19,212	218,151	0.2%
OTHER SECURITIES		3,066,657	3.1%
		3,960,494	
Japan - 24.1%		24,114,189	24.1%
Jersey, Channel Islands - 0.1%		67,273	0.1%
Liechtenstein - 0.1%		65,361	0.1%
Luxembourg - 0.4%		385,851	0.4%
Macau - 0.0%		11,101	0.0%
Malaysia - 0.0%		10,318	0.0%
Malta - 0.0%		6,201	0.0%
Mauritius - 0.0%		10,825	0.0%
Netherlands - 2.0%			
Aalberts NV	4,447	187,272	0.2%
BE Semiconductor Industries NV	2,921	316,795	0.3%
OTHER SECURITIES		1,533,923	1.5%
		2,037,990	
New Zealand - 0.4%		428,173	0.4%
Norway - 0.8%		827,345	0.8%
Peru - 0.0%		14,899	0.0%
Portugal - 0.4%		364,201	0.4%
Singapore - 1.1%		1,122,011	1.1%
Spain - 2.5%			
Banco de Sabadell SA	268,107	309,115	0.3%
Bankinter SA	32,551	200,344	0.2%

John Hancock Variable Insurance Trust

Summary Portfolio of Investments — June 30, 2023 (unaudited) (showing percentage of total net assets)

International Small Company Trust (continued)

	Shares or Principal Amount	Value	% of Net Assets
COMMON STOCKS (continued)			
Spain (continued)			
Enagas SA (B)	11,699	\$ 229,928	0.2%
OTHER SECURITIES		1,762,443	1.8%
		2,501,830	
Sweden - 2.5%		2,514,573	2.5%
Switzerland - 7.7%			
Baloise Holding AG	1,848	271,826	0.3%
Belimo Holding AG	521	260,402	0.3%
BKW AG	1,123	198,546	0.2%
Flughafen Zurich AG	1,072	222,980	0.2%
Galenica AG (C)	2,404	194,352	0.2%
Georg Fischer AG	3,955	297,458	0.3%
Helvetia Holding AG	1,796	243,420	0.3%
PSP Swiss Property AG	2,283	255,096	0.3%
Swiss Prime Site AG	3,767	327,182	0.3%
Temenos AG	2,922	232,666	0.2%
OTHER SECURITIES		5,182,333	5.1%
		7,686,261	
Taiwan - 0.0%		8,733	0.0%
United Arab Emirates - 0.1%		113,382	0.1%
United Kingdom - 11.3%			
Diploma PLC	4,725	179,346	0.2%
Games Workshop Group PLC	1,582	219,530	0.2%
Greggs PLC	5,783	187,862	0.2%
Inchcape PLC	19,351	191,508	0.2%
Marks & Spencer Group PLC (A)	77,175	189,174	0.2%
Rotork PLC	49,078	190,160	0.2%
OTHER SECURITIES		10,143,989	10.1%
		11,301,569	
United States - 0.8%		787,218	0.8%
TOTAL COMMON STOCKS (Cost \$112,590,075)		\$ 98,361,535	
PREFERRED SECURITIES - 0.4%			
Germany - 0.4%			
Fuchs Petrolub SE	3,739	147,933	0.2%

DERIVATIVES

FUTURES

Open contracts	Number of contracts	Position	Expiration date	Notional basis [^]	Notional value [^]	Unrealized appreciation (depreciation)
Mini MSCI EAFE Index Futures	3	Long	Sep 2023	\$318,852	\$323,160	\$4,308
						\$4,308

[^] Notional basis refers to the contractual amount agreed upon at inception of open contracts; notional value represents the current value of the open contract.

See Notes to financial statements regarding investment transactions and other derivatives information.

Lifestyle Balanced Portfolio

	Shares or Principal Amount	Value	% of Net Assets
AFFILIATED INVESTMENT COMPANIES (A)			
- 100.0%			
Equity - 51.0%			
Strategic Equity Allocation, Series NAV, JHVIT (MIM US) (B)	27,741,039	\$ 480,752,206	51.0%

International Small Company Trust (continued)

	Shares or Principal Amount	Value	% of Net Assets
PREFERRED SECURITIES (continued)			
Germany (continued)			
OTHER SECURITIES		\$ 217,566	0.2%
		365,499	
TOTAL PREFERRED SECURITIES (Cost \$331,907)		\$ 365,499	
RIGHTS - 0.0%			
TOTAL RIGHTS (Cost \$7,235)		\$ 10,128	0.0%
WARRANTS - 0.0%			
TOTAL WARRANTS (Cost \$0)		\$ 860	0.0%
SHORT-TERM INVESTMENTS - 1.4%			
Short-term funds - 1.4%			
John Hancock Collateral Trust, 5.1773% (D)(E)	137,438	1,373,669	1.4%
TOTAL SHORT-TERM INVESTMENTS (Cost \$1,373,801)		\$ 1,373,669	
Total Investments (International Small Company Trust)			
(Cost \$114,303,018) - 100.1%		\$ 100,111,691	100.1%
Other assets and liabilities, net - (0.1)%		(101,738)	(0.1)%
TOTAL NET ASSETS - 100.0%		\$ 100,009,953	100.0%

Security Abbreviations and Legend

- (A) Non-income producing security.
(B) All or a portion of this security is on loan as of 6-30-23.
(C) These securities are exempt from registration under Rule 144A of the Securities Act of 1933. Such securities may be resold, normally to qualified institutional buyers, in transactions exempt from registration.
(D) The rate shown is the annualized seven-day yield as of 6-30-23.
(E) Investment is an affiliate of the fund, the advisor and/or subadvisor. This security represents the investment of cash collateral received for securities lending.

John Hancock Variable Insurance Trust

Summary Portfolio of Investments — June 30, 2023 (unaudited) (showing percentage of total net assets)

Lifestyle Balanced Portfolio (continued)

	Shares or Principal Amount	Value	% of Net Assets
AFFILIATED INVESTMENT COMPANIES (continued)			
Fixed income - 49.0%			
Select Bond, Series NAV, JHVIT (MIM US) (B)	39,294,777	\$ 462,106,581	49.0%
TOTAL AFFILIATED INVESTMENT COMPANIES (Cost \$1,020,432,509)		\$ 942,858,787	
Total Investments (Lifestyle Balanced Portfolio) (Cost \$1,020,432,509) - 100.0%		\$ 942,858,787	100.0%
Other assets and liabilities, net - 0.0%		96	0.0%
TOTAL NET ASSETS - 100.0%		\$ 942,858,883	100.0%

Security Abbreviations and Legend

JHVIT	John Hancock Variable Insurance Trust
MIM US	Manulife Investment Management (US) LLC
(A)	The underlying portfolios' subadvisor is shown parenthetically.
(B)	The subadvisor is an affiliate of the advisor.

Lifestyle Conservative Portfolio

	Shares or Principal Amount	Value	% of Net Assets
AFFILIATED INVESTMENT COMPANIES (A) - 100.0%			
Equity - 20.0%			
Strategic Equity Allocation, Series NAV, JHVIT (MIM US) (B)	1,944,245	\$ 33,693,765	20.0%
Fixed income - 80.0%			
Select Bond, Series NAV, JHVIT (MIM US) (B)	11,460,464	134,775,059	80.0%
TOTAL AFFILIATED INVESTMENT COMPANIES (Cost \$193,809,523)		\$ 168,468,824	
SHORT-TERM INVESTMENTS - 0.0%			
Short-term funds - 0.0%			
John Hancock Collateral Trust, 5.1773% (C)(D)	5,232	52,295	0.0%
TOTAL SHORT-TERM INVESTMENTS (Cost \$52,302)		\$ 52,295	
Total Investments (Lifestyle Conservative Portfolio) (Cost \$193,861,825) - 100.0%		\$ 168,521,119	100.0%
Other assets and liabilities, net - (0.0)%		(17,782)	(0.0)%
TOTAL NET ASSETS - 100.0%		\$ 168,503,337	100.0%

Security Abbreviations and Legend

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MIM US	Manulife Investment Management (US) LLC
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(C)	The rate shown is the annualized seven-day yield as of 6-30-23.
(D)	Investment is an affiliate of the fund, the advisor and/or subadvisor.

Lifestyle Growth Portfolio

	Shares or Principal Amount	Value	% of Net Assets
AFFILIATED INVESTMENT COMPANIES (A) - 100.0%			
Equity - 71.4%			
Strategic Equity Allocation, Series NAV, JHVIT (MIM US) (B)	211,200,252	\$ 3,660,100,375	71.4%
Fixed income - 28.6%			
Select Bond, Series NAV, JHVIT (MIM US) (B)	124,736,243	1,466,898,220	28.6%
TOTAL AFFILIATED INVESTMENT COMPANIES (Cost \$5,368,370,828)		\$ 5,126,998,595	
SHORT-TERM INVESTMENTS - 0.0%			
Short-term funds - 0.0%			
John Hancock Collateral Trust, 5.1773% (C)(D)	1	11	0.0%
TOTAL SHORT-TERM INVESTMENTS (Cost \$11)		\$ 11	
Total Investments (Lifestyle Growth Portfolio) (Cost \$5,368,370,839) - 100.0%		\$ 5,126,998,606	100.0%
Other assets and liabilities, net - 0.0%		102,268	0.0%
TOTAL NET ASSETS - 100.0%		\$ 5,127,100,874	100.0%

Security Abbreviations and Legend

JHVIT	John Hancock Variable Insurance Trust
MIM US	Manulife Investment Management (US) LLC
(A)	The underlying portfolios' subadvisor is shown parenthetically.
(B)	The subadvisor is an affiliate of the advisor.
(C)	The rate shown is the annualized seven-day yield as of 6-30-23.
(D)	Investment is an affiliate of the fund, the advisor and/or subadvisor.

Lifestyle Moderate Portfolio

	Shares or Principal Amount	Value	% of Net Assets
AFFILIATED INVESTMENT COMPANIES (A) - 100.0%			
Equity - 40.5%			
Strategic Equity Allocation, Series NAV, JHVIT (MIM US) (B)	6,704,710	\$ 116,192,624	40.5%
Fixed income - 59.5%			
Select Bond, Series NAV, JHVIT (MIM US) (B)	14,489,338	170,394,616	59.5%
TOTAL AFFILIATED INVESTMENT COMPANIES (Cost \$319,218,841)		\$ 286,587,240	
SHORT-TERM INVESTMENTS - 0.0%			
Short-term funds - 0.0%			
John Hancock Collateral Trust, 5.1773% (C)(D)	3,823	38,210	0.0%
TOTAL SHORT-TERM INVESTMENTS (Cost \$38,220)		\$ 38,210	
Total Investments (Lifestyle Moderate Portfolio) (Cost \$319,257,061) - 100.0%		\$ 286,625,450	100.0%
Other assets and liabilities, net - (0.0)%		(15,381)	(0.0)%
TOTAL NET ASSETS - 100.0%		\$ 286,610,069	100.0%

Security Abbreviations and Legend

JHVIT	John Hancock Variable Insurance Trust
MIM US	Manulife Investment Management (US) LLC
(A)	The underlying portfolios' subadvisor is shown parenthetically.
(B)	The subadvisor is an affiliate of the advisor.

John Hancock Variable Insurance Trust

Summary Portfolio of Investments — June 30, 2023 (unaudited) (showing percentage of total net assets)

Lifestyle Moderate Portfolio (continued)

(C) The rate shown is the annualized seven-day yield as of 6-30-23.
(D) Investment is an affiliate of the fund, the advisor and/or subadvisor.

Mid Cap Growth Trust

	Shares or Principal Amount	Value	% of Net Assets
COMMON STOCKS - 97.1%			
Communication services - 7.2%			
Liberty Media Corp.-Liberty Formula One, Series C (A)	125,154	\$ 9,421,593	1.5%
Live Nation Entertainment, Inc. (A)	90,232	8,221,038	1.4%
Spotify Technology SA (A)	122,512	19,669,302	3.2%
ZoomInfo Technologies, Inc. (A)	256,079	6,501,846	1.1%
		43,813,779	
Consumer discretionary - 14.9%			
Aramark	164,177	7,067,820	1.2%
Chipotle Mexican Grill, Inc. (A)	4,440	9,497,160	1.6%
Deckers Outdoor Corp. (A)	27,782	14,659,450	2.4%
DraftKings, Inc., Class A (A)	304,338	8,086,261	1.3%
Global-e Online, Ltd. (A)	151,877	6,217,844	1.0%
Las Vegas Sands Corp. (A)	177,126	10,273,308	1.7%
Lennar Corp., A Shares	58,018	7,270,236	1.2%
Ross Stores, Inc.	126,914	14,230,867	2.3%
OTHER SECURITIES		13,565,725	2.2%
		90,868,671	
Consumer staples - 5.2%			
Celsius Holdings, Inc. (A)	93,010	13,876,162	2.3%
e.l.f. Beauty, Inc. (A)	53,523	6,113,932	1.0%
Lamb Weston Holdings, Inc.	101,572	11,675,701	1.9%
		31,665,795	
Energy - 4.2%			
Cheniere Energy, Inc.	50,776	7,736,231	1.3%
Targa Resources Corp.	88,788	6,756,767	1.1%
OTHER SECURITIES		11,019,542	1.8%
		25,512,540	
Financials - 6.2%			
Ares Management Corp., Class A	106,609	10,271,777	1.7%
Block, Inc. (A)	235,237	15,659,727	2.6%
Tradeweb Markets, Inc., Class A	172,714	11,827,455	1.9%
		37,758,959	
Health care - 25.4%			
Agilent Technologies, Inc.	48,829	5,871,687	1.0%
agilon health, Inc. (A)	458,729	7,954,361	1.3%
Align Technology, Inc. (A)	59,839	21,161,464	3.5%
DexCom, Inc. (A)	170,074	21,856,213	3.6%
Exact Sciences Corp. (A)	186,470	17,509,533	2.9%
Hologic, Inc. (A)	70,420	5,701,907	0.9%
Inspire Medical Systems, Inc. (A)	40,571	13,170,969	2.1%
Insulet Corp. (A)	50,663	14,608,169	2.4%
Shockwave Medical, Inc. (A)	40,357	11,518,291	1.9%
Veeva Systems, Inc., Class A (A)	104,869	20,735,747	3.4%
OTHER SECURITIES		14,617,609	2.4%
		154,705,950	
Industrials - 16.9%			
Axon Enterprise, Inc. (A)	39,420	7,691,630	1.3%
Builders FirstSource, Inc. (A)	48,871	6,646,456	1.1%
Copart, Inc. (A)	143,353	13,075,227	2.1%
CoStar Group, Inc. (A)	163,211	14,525,779	2.4%

Mid Cap Growth Trust (continued)

	Shares or Principal Amount	Value	% of Net Assets
COMMON STOCKS (continued)			
Industrials (continued)			
EXL Service Holdings, Inc. (A)	59,014	\$ 8,914,655	1.5%
Fluor Corp. (A)	308,966	9,145,394	1.5%
Johnson Controls International PLC	145,214	9,894,882	1.6%
MasTec, Inc. (A)	61,518	7,257,278	1.2%
Paycom Software, Inc.	53,228	17,098,963	2.8%
The Toro Company	87,378	8,881,974	1.4%
		103,132,238	
Information technology - 15.7%			
DocuSign, Inc. (A)	219,403	11,209,299	1.8%
Flex, Ltd. (A)	614,748	16,991,635	2.8%
Gartner, Inc. (A)	16,310	5,713,556	0.9%
MKS Instruments, Inc.	62,444	6,750,196	1.1%
Okta, Inc. (A)	127,963	8,874,234	1.5%
SolarEdge Technologies, Inc. (A)	38,806	10,440,754	1.7%
Universal Display Corp.	53,793	7,753,185	1.3%
Workday, Inc., Class A (A)	84,780	19,150,954	3.2%
OTHER SECURITIES		8,604,292	1.4%
		95,488,105	
Materials - 1.4%			
Albemarle Corp.	36,877	8,226,890	1.4%
TOTAL COMMON STOCKS (Cost \$572,415,653)		\$ 591,172,927	
PREFERRED SECURITIES - 0.6%			
Information technology - 0.6%			
		3,621,294	0.6%
TOTAL PREFERRED SECURITIES (Cost \$5,070,285)		\$ 3,621,294	
EXCHANGE-TRADED FUNDS - 0.8%			
		4,671,771	0.8%
TOTAL EXCHANGE-TRADED FUNDS (Cost \$4,618,478)		\$ 4,671,771	
SHORT-TERM INVESTMENTS - 4.8%			
Short-term funds - 3.2%			
John Hancock Collateral Trust, 5.1773% (B)(C)	1,916,099	19,151,025	3.2%
Repurchase agreement - 1.6%			
Deutsche Bank Tri-Party Repurchase Agreement dated 6-30-23 at 5.050% to be repurchased at \$9,704,082 on 7-3-23, collateralized by \$10,290,782 Federal National Mortgage Association, 3.500% - 5.000% due 3-1-46 to 2-1-53 (valued at \$9,894,000)	\$ 9,700,000	9,700,000	1.6%
TOTAL SHORT-TERM INVESTMENTS (Cost \$28,851,630)		\$ 28,851,025	
Total Investments (Mid Cap Growth Trust) (Cost \$610,956,046) - 103.3%		\$ 628,317,017	103.3%
Other assets and liabilities, net - (3.3)%		(19,831,055)	(3.3)%
TOTAL NET ASSETS - 100.0%		\$ 608,485,962	100.0%

Security Abbreviations and Legend

(A) Non-income producing security.
(B) The rate shown is the annualized seven-day yield as of 6-30-23.
(C) Investment is an affiliate of the fund, the advisor and/or subadvisor.
This security represents the investment of cash collateral received for securities lending.

John Hancock Variable Insurance Trust

Summary Portfolio of Investments — June 30, 2023 (unaudited) (showing percentage of total net assets)

Mid Cap Index Trust

	Shares or Principal Amount	Value	% of Net Assets
COMMON STOCKS - 96.2%			
Communication services - 2.0%			
		\$ 23,731,942	2.0%
Consumer discretionary - 14.4%			
Aramark	129,458	5,573,167	0.5%
Churchill Downs, Inc.	32,728	4,554,756	0.4%
Deckers Outdoor Corp. (A)	13,094	6,909,180	0.6%
Five Below, Inc. (A)	27,651	5,434,528	0.5%
Service Corp. International	75,094	4,850,321	0.4%
OTHER SECURITIES		142,570,485	12.0%
		169,892,437	
Consumer staples - 4.2%			
Casey's General Stores, Inc.	18,510	4,514,219	0.4%
Darling Ingredients, Inc. (A)	79,264	5,056,251	0.4%
Performance Food Group Company (A)	77,566	4,672,576	0.4%
U.S. Foods Holding Corp. (A)	112,579	4,953,476	0.4%
OTHER SECURITIES		29,738,954	2.6%
		48,935,476	
Energy - 4.0%			
Ovintiv, Inc.	121,468	4,624,287	0.4%
OTHER SECURITIES		42,961,592	3.6%
		47,585,879	
Financials - 13.0%			
Annaly Capital Management, Inc.	245,337	4,909,196	0.4%
Reinsurance Group of America, Inc.	33,055	4,584,398	0.4%
RenaissanceRe Holdings, Ltd.	24,953	4,654,234	0.4%
Unum Group	92,021	4,389,402	0.4%
OTHER SECURITIES		134,542,665	11.4%
		153,079,895	
Health care - 9.1%			
Neurocrine Biosciences, Inc. (A)	48,471	4,570,815	0.4%
Penumbra, Inc. (A)	19,002	6,537,828	0.6%
Shockwave Medical, Inc. (A)	18,194	5,192,750	0.4%
United Therapeutics Corp. (A)	23,271	5,137,073	0.4%
OTHER SECURITIES		85,800,059	7.3%
		107,238,525	
Industrials - 22.1%			
AECOM	69,048	5,847,675	0.5%
Builders FirstSource, Inc. (A)	63,668	8,658,848	0.7%
Carlisle Companies, Inc.	25,319	6,495,083	0.6%
EMCOR Group, Inc.	23,619	4,364,319	0.4%
Fortune Brands Innovations, Inc.	62,944	4,528,821	0.4%
Graco, Inc.	83,624	7,220,932	0.6%
Hubbell, Inc.	26,621	8,826,459	0.7%
KBR, Inc.	67,420	4,386,345	0.4%
Knight-Swift Transportation Holdings, Inc.	79,992	4,444,356	0.4%
Lennox International, Inc.	16,048	5,232,771	0.4%
Lincoln Electric Holdings, Inc.	28,600	5,680,818	0.5%
Owens Corning	44,762	5,841,441	0.5%
Regal Rexnord Corp.	32,924	5,067,004	0.4%
Saia, Inc. (A)	13,180	4,512,964	0.4%
Tetra Tech, Inc.	26,442	4,329,613	0.4%

Mid Cap Index Trust (continued)

	Shares or Principal Amount	Value	% of Net Assets
COMMON STOCKS (continued)			
Industrials (continued)			
The Toro Company	51,804	\$ 5,265,877	0.4%
Watsco, Inc. (B)	16,603	6,333,546	0.5%
OTHER SECURITIES		162,869,099	13.9%
		259,905,971	
Information technology - 10.0%			
Cognex Corp.	85,740	4,803,155	0.4%
Dynatrace, Inc. (A)	107,691	5,542,856	0.5%
Jabil, Inc.	65,911	7,113,774	0.6%
Lattice Semiconductor Corp. (A)	68,378	6,569,074	0.6%
Manhattan Associates, Inc. (A)	30,812	6,158,703	0.5%
Super Micro Computer, Inc. (A)	22,684	5,653,987	0.5%
OTHER SECURITIES		81,619,264	6.9%
		117,460,813	
Materials - 7.1%			
Cleveland-Cliffs, Inc. (A)	255,867	4,288,331	0.4%
Crown Holdings, Inc.	59,660	5,182,665	0.4%
Reliance Steel & Aluminum Company	29,206	7,932,058	0.7%
RPM International, Inc.	64,037	5,746,040	0.5%
OTHER SECURITIES		60,060,851	5.1%
		83,209,945	
Real estate - 7.1%			
CubeSmart	111,609	4,984,458	0.4%
Lamar Advertising Company, Class A	43,459	4,313,306	0.4%
Life Storage, Inc.	42,269	5,620,086	0.5%
Rexford Industrial Realty, Inc.	99,823	5,212,757	0.5%
OTHER SECURITIES		63,448,674	5.3%
		83,579,281	
Utilities - 3.2%			
Essential Utilities, Inc.	119,511	4,769,684	0.4%
OTHER SECURITIES		32,991,439	2.8%
		37,761,123	
TOTAL COMMON STOCKS (Cost \$923,724,785)		\$ 1,132,381,287	
SHORT-TERM INVESTMENTS - 6.3%			
Short-term funds - 6.3%			
John Hancock Collateral Trust, 5.1773% (C)(D)	7,342,026	73,382,086	6.3%
TOTAL SHORT-TERM INVESTMENTS (Cost \$73,387,684)		\$ 73,382,086	
Total Investments (Mid Cap Index Trust) (Cost \$997,112,469) - 102.5%		\$ 1,205,763,373	102.5%
Other assets and liabilities, net - (2.5)%		(28,980,778)	(2.5)%
TOTAL NET ASSETS - 100.0%		\$ 1,176,782,595	100.0%

Security Abbreviations and Legend

- (A) Non-income producing security.
- (B) All or a portion of this security is on loan as of 6-30-23.
- (C) The rate shown is the annualized seven-day yield as of 6-30-23.
- (D) Investment is an affiliate of the fund, the advisor and/or subadvisor. A portion of this security represents the investment of cash collateral received for securities lending. Market value of this investment amounted to \$32,329,860.

John Hancock Variable Insurance Trust

Summary Portfolio of Investments — June 30, 2023 (unaudited) (showing percentage of total net assets)

Mid Cap Index Trust (continued)

DERIVATIVES

FUTURES

Open contracts	Number of contracts	Position	Expiration date	Notional basis [^]	Notional value [^]	Unrealized appreciation (depreciation)
S&P Mid 400 E-Mini Index Futures	172	Long	Sep 2023	\$44,645,450	\$45,478,520	\$833,070
						\$833,070

[^] Notional basis refers to the contractual amount agreed upon at inception of open contracts; notional value represents the current value of the open contract.

See Notes to financial statements regarding investment transactions and other derivatives information.

Mid Value Trust

	Shares or Principal Amount	Value	% of Net Assets
COMMON STOCKS - 97.6%			
Communication services - 4.1%			
News Corp., Class A	662,548	\$ 12,919,686	2.1%
News Corp., Class B	56,942	1,122,896	0.2%
OTHER SECURITIES		11,074,398	1.8%
		25,116,980	
Consumer discretionary - 8.0%			
Bath & Body Works, Inc.	152,660	5,724,750	0.9%
Bright Horizons Family Solutions, Inc. (A)	72,967	6,745,799	1.1%
Compass Group PLC	192,597	5,393,315	0.9%
General Motors Company	216,066	8,331,505	1.4%
Ralph Lauren Corp.	64,589	7,963,824	1.3%
OTHER SECURITIES		14,480,132	2.4%
		48,639,325	
Consumer staples - 7.2%			
Constellation Brands, Inc., Class A	32,630	8,031,222	1.3%
Flowers Foods, Inc.	376,060	9,356,373	1.5%
Sysco Corp.	98,343	7,297,051	1.2%
Tyson Foods, Inc., Class A	120,278	6,138,989	1.0%
OTHER SECURITIES		13,138,444	2.2%
		43,962,079	
Energy - 6.7%			
Suncor Energy, Inc.	171,459	5,027,178	0.8%
TechnipFMC PLC (A)	667,607	11,095,628	1.8%
Tidewater, Inc. (A)	170,199	9,435,833	1.6%
OTHER SECURITIES		15,396,357	2.5%
		40,954,996	
Financials - 14.3%			
Apollo Global Management, Inc.	83,095	6,382,527	1.0%
Fifth Third Bancorp	388,890	10,192,807	1.7%
FleetCor Technologies, Inc. (A)	36,270	9,106,672	1.5%
Global Payments, Inc.	71,309	7,025,363	1.1%
Kemper Corp.	114,367	5,519,351	0.9%
Popular, Inc.	123,728	7,488,019	1.2%
RenaissanceRe Holdings, Ltd.	30,600	5,707,512	0.9%
Webster Financial Corp.	161,040	6,079,260	1.0%
OTHER SECURITIES		30,091,647	5.0%
		87,593,158	
Health care - 11.0%			
Baxter International, Inc.	165,648	7,546,923	1.2%
Charles River Laboratories International, Inc. (A)	40,141	8,439,645	1.4%
Dentsply Sirona, Inc.	147,601	5,906,992	1.0%
Koninklijke Philips NV, NYRS (A)	283,248	6,143,649	1.0%
Select Medical Holdings Corp.	490,907	15,640,297	2.5%
Zimmer Biomet Holdings, Inc.	40,993	5,968,581	1.0%

Mid Value Trust (continued)

	Shares or Principal Amount	Value	% of Net Assets
COMMON STOCKS (continued)			
Health care (continued)			
OTHER SECURITIES		\$ 17,458,543	2.9%
		67,104,630	
Industrials - 17.8%			
JB Hunt Transport Services, Inc.	40,088	7,257,131	1.2%
Norfolk Southern Corp.	27,900	6,326,604	1.0%
Rolls-Royce Holdings PLC (A)	2,885,387	5,548,603	0.9%
Southwest Airlines Company	261,937	9,484,739	1.5%
Spirit AeroSystems Holdings, Inc., Class A	252,732	7,377,247	1.2%
SS&C Technologies Holdings, Inc.	90,968	5,512,661	0.9%
Stanley Black & Decker, Inc.	151,947	14,238,953	2.3%
Textron, Inc.	113,926	7,704,815	1.2%
The Middleby Corp. (A)	39,732	5,873,582	1.0%
OTHER SECURITIES		39,376,843	6.6%
		108,701,178	
Information technology - 9.3%			
Corning, Inc.	271,725	9,521,244	1.6%
Marvell Technology, Inc.	159,925	9,560,317	1.6%
MKS Instruments, Inc.	90,886	9,824,777	1.6%
Western Digital Corp. (A)	363,597	13,791,231	2.2%
OTHER SECURITIES		14,221,334	2.3%
		56,918,903	
Materials - 5.5%			
Ball Corp.	106,506	6,199,714	1.0%
Westrock Company	217,292	6,316,678	1.0%
OTHER SECURITIES		20,996,834	3.5%
		33,513,226	
Real estate - 7.0%			
Equity Residential	87,426	5,767,493	0.9%
Regency Centers Corp.	83,560	5,161,501	0.9%
Rexford Industrial Realty, Inc.	131,904	6,888,027	1.1%
OTHER SECURITIES		24,713,991	4.1%
		42,531,012	
Utilities - 6.7%			
Ameren Corp.	93,038	7,598,413	1.2%
Eversource, Inc.	93,868	5,483,769	0.9%
FirstEnergy Corp.	293,872	11,425,743	1.9%
PG&E Corp. (A)	418,452	7,230,851	1.2%
OTHER SECURITIES		9,060,798	1.5%
		40,799,574	
TOTAL COMMON STOCKS (Cost \$532,937,677)			
		\$ 595,835,061	
SHORT-TERM INVESTMENTS - 3.2%			
Short-term funds - 3.2%			
John Hancock Collateral Trust, 5.1773% (B)(C)	496,375	4,961,171	0.8%

John Hancock Variable Insurance Trust

Summary Portfolio of Investments — June 30, 2023 (unaudited) (showing percentage of total net assets)

Mid Value Trust (continued)

	Shares or Principal Amount	Value	% of Net Assets
SHORT-TERM INVESTMENTS (continued)			
Short-term funds (continued)			
T. Rowe Price Government Reserve Fund, 5.1068% (B)	12,334,882	\$ 12,334,882	2.0%
OTHER SECURITIES		2,552,295	0.4%
		19,848,348	
TOTAL SHORT-TERM INVESTMENTS (Cost \$19,848,508)		\$ 19,848,348	
Total Investments (Mid Value Trust) (Cost \$552,786,185) - 100.8%		\$ 615,683,409	100.8%
Other assets and liabilities, net - (0.8)%		(4,923,020)	(0.8)%
TOTAL NET ASSETS - 100.0%		\$ 610,760,389	100.0%

Security Abbreviations and Legend

NYRS	New York Registry Shares
(A)	Non-income producing security.
(B)	The rate shown is the annualized seven-day yield as of 6-30-23.
(C)	Investment is an affiliate of the fund, the advisor and/or subadvisor. This security represents the investment of cash collateral received for securities lending.

Real Estate Securities Trust

	Shares or Principal Amount	Value	% of Net Assets
COMMON STOCKS - 99.1%			
Consumer discretionary - 3.1%			
Hyatt Hotels Corp., Class A	39,799	\$ 4,560,169	1.6%
Lennar Corp., A Shares	11,897	1,490,813	0.5%
Wynn Resorts, Ltd.	27,701	2,925,503	1.0%
		8,976,485	
Health care - 1.4%			
HCA Healthcare, Inc.	14,018	4,254,183	1.4%
Industrials - 1.1%			
WillScot Mobile Mini Holdings Corp. (A)	66,758	3,190,365	1.1%
Real estate - 93.5%			
Agree Realty Corp.	98,044	6,411,097	2.2%
American Homes 4 Rent, Class A	250,647	8,885,436	3.1%
American Tower Corp.	20,998	4,072,352	1.4%
Apartment Income REIT Corp.	93,081	3,359,293	1.2%
AvalonBay Communities, Inc.	76,165	14,415,750	5.0%
Brixmor Property Group, Inc.	459,614	10,111,508	3.5%
CareTrust REIT, Inc.	363,458	7,218,276	2.5%
CBRE Group, Inc., Class A (A)	34,097	2,751,969	0.9%
Corp. Inmobiliaria Vesta SAB de CV, ADR (A)	116,385	3,749,925	1.3%
Corporate Office Properties Trust	116,753	2,772,884	0.9%
CubeSmart	127,325	5,686,335	2.0%
EastGroup Properties, Inc.	51,831	8,997,862	3.1%
Empire State Realty Trust, Inc., Class A	886,391	6,639,069	2.3%
EPR Properties	77,690	3,635,892	1.2%
Equinix, Inc.	32,815	25,724,991	8.8%
Getty Realty Corp.	189,661	6,414,335	2.2%
Independence Realty Trust, Inc.	176,402	3,214,044	1.1%
Iron Mountain, Inc.	88,645	5,036,809	1.7%
Life Storage, Inc.	19,921	2,648,696	0.9%
Phillips Edison & Company, Inc.	158,320	5,395,546	1.9%
Plymouth Industrial REIT, Inc.	239,725	5,518,470	1.9%
Prologis, Inc.	290,614	35,637,992	12.2%

Real Estate Securities Trust (continued)

	Shares or Principal Amount	Value	% of Net Assets
COMMON STOCKS (continued)			
Real estate (continued)			
Public Storage	55,511	\$ 16,202,551	5.6%
Ryman Hospitality Properties, Inc.	65,719	6,106,609	2.1%
Simon Property Group, Inc.	58,425	6,746,919	2.3%
Sun Communities, Inc.	56,117	7,321,024	2.5%
Tanger Factory Outlet Centers, Inc.	240,274	5,302,847	1.8%
UDR, Inc.	278,782	11,976,475	4.1%
Ventas, Inc.	164,549	7,778,231	2.7%
Veris Residential, Inc. (A)	349,189	5,604,483	1.9%
VICI Properties, Inc.	340,590	10,704,744	3.7%
Welltower, Inc.	198,419	16,050,113	5.5%
		272,092,527	
TOTAL COMMON STOCKS (Cost \$277,938,441)		\$ 288,513,560	

SHORT-TERM INVESTMENTS - 0.6%

Short-term funds - 0.6%			
State Street Institutional U.S. Government Money Market Fund, Premier Class, 5.0063% (B)	1,682,976	1,682,976	0.6%
TOTAL SHORT-TERM INVESTMENTS (Cost \$1,682,976)		\$ 1,682,976	

Total Investments (Real Estate Securities Trust) (Cost \$279,621,417) - 99.7%		\$ 290,196,536	99.7%
Other assets and liabilities, net - 0.3%		767,186	0.3%
TOTAL NET ASSETS - 100.0%		\$ 290,963,722	100.0%

Security Abbreviations and Legend

ADR	American Depositary Receipt
(A)	Non-income producing security.
(B)	The rate shown is the annualized seven-day yield as of 6-30-23.

Science & Technology Trust

	Shares or Principal Amount	Value	% of Net Assets
COMMON STOCKS - 92.6%			
Communication services - 12.4%			
Alphabet, Inc., Class A (A)	391,453	\$ 46,856,924	5.4%
Baidu, Inc., ADR (A)	128,913	17,649,479	2.0%
Kanzhun, Ltd., ADR (A)	227,666	3,426,373	0.4%
Match Group, Inc. (A)	100,000	4,185,000	0.5%
Meta Platforms, Inc., Class A (A)	64,968	18,644,517	2.2%
Pinterest, Inc., Class A (A)	447,026	12,221,691	1.4%
T-Mobile US, Inc. (A)	33,000	4,583,700	0.5%
		107,567,684	
Consumer discretionary - 21.5%			
Alibaba Group Holding, Ltd., ADR (A)	274,019	22,839,484	2.6%
Amazon.com, Inc. (A)	346,949	45,228,272	5.2%
Auto1 Group SE (A)(B)	490,222	4,553,842	0.5%
Booking Holdings, Inc. (A)	6,195	16,728,544	1.9%
Coupang, Inc. (A)	184,541	3,211,013	0.4%
Deliveroo PLC (A)(B)	2,955,248	4,301,669	0.5%
Delivery Hero SE (A)(B)	264,122	11,653,079	1.4%
DoorDash, Inc., Class A (A)	90,287	6,899,733	0.8%
Etsy, Inc. (A)	177,733	15,037,989	1.7%
JD.com, Inc., ADR	148,937	5,083,220	0.6%
MercadoLibre, Inc. (A)	5,770	6,835,142	0.8%
Prosus NV (A)	66,475	4,868,238	0.6%

John Hancock Variable Insurance Trust

Summary Portfolio of Investments — June 30, 2023 (unaudited) (showing percentage of total net assets)

Science & Technology Trust (continued)

	Shares or Principal Amount	Value	% of Net Assets
COMMON STOCKS (continued)			
Consumer discretionary (continued)			
Tongcheng Travel Holdings, Ltd. (A)	1,518,000	\$ 3,188,494	0.4%
Zalando SE (A)(B)	1,030,781	29,726,871	3.4%
OTHER SECURITIES		5,684,915	0.7%
		185,840,505	
Financials - 6.0%			
Mastercard, Inc., Class A	100,109	39,372,870	4.5%
Visa, Inc., Class A	53,800	12,776,424	1.5%
		52,149,294	
Health care - 0.3%			
Industrials - 0.8%			
Uber Technologies, Inc. (A)	158,262	6,832,171	0.8%
Information technology - 51.1%			
Accenture PLC, Class A	99,332	30,651,869	3.5%
Adobe, Inc. (A)	19,383	9,478,093	1.1%
Advanced Micro Devices, Inc. (A)	163,743	18,651,965	2.2%
Arista Networks, Inc. (A)	18,319	2,968,777	0.3%
DocuSign, Inc. (A)	281,879	14,401,198	1.7%
Fortinet, Inc. (A)	197,192	14,905,743	1.7%
Gen Digital, Inc.	385,858	7,157,666	0.8%
Intuit, Inc.	34,267	15,700,797	1.8%
KLA Corp.	29,187	14,156,279	1.6%
Lam Research Corp.	21,690	13,943,633	1.6%
Micron Technology, Inc.	71,927	4,539,313	0.5%
Microsoft Corp.	278,519	94,846,858	11.0%
NVIDIA Corp.	65,501	27,708,233	3.2%
Pure Storage, Inc., Class A (A)	535,717	19,725,100	2.3%
Qualcomm, Inc.	260,856	31,052,298	3.6%
Salesforce, Inc. (A)	178,202	37,646,955	4.4%
Samsung Electronics Company, Ltd.	339,429	18,690,058	2.2%
Silergy Corp.	371,000	4,621,618	0.5%
Taiwan Semiconductor Manufacturing Company, Ltd.	363,000	6,705,814	0.8%
TeamViewer SE (A)(B)	217,335	3,493,309	0.4%
Texas Instruments, Inc.	150,090	27,019,202	3.1%
Western Digital Corp. (A)	172,999	6,561,852	0.8%
Workday, Inc., Class A (A)	36,242	8,186,705	0.9%
Zoom Video Communications, Inc., Class A (A)	88,482	6,006,158	0.7%
OTHER SECURITIES		3,667,211	0.4%
		442,486,704	
Real estate - 0.5%			
KE Holdings, Inc., ADR (A)	282,815	4,199,803	0.5%
TOTAL COMMON STOCKS (Cost \$685,273,909)	\$	801,524,849	
SHORT-TERM INVESTMENTS - 6.8%			
Short-term funds - 6.8%			
John Hancock Collateral Trust, 5.1773% (C)(D)	100,898	1,008,461	0.1%
T. Rowe Price Government Reserve Fund, 5.1068% (C)	57,703,040	57,703,040	6.7%
OTHER SECURITIES		501,658	0.0%
		59,213,159	
TOTAL SHORT-TERM INVESTMENTS (Cost \$59,213,206)	\$	59,213,159	
Total Investments (Science & Technology Trust) (Cost \$744,487,115) - 99.4%	\$	860,738,008	99.4%
Other assets and liabilities, net - 0.6%		4,942,411	0.6%
TOTAL NET ASSETS - 100.0%	\$	865,680,419	100.0%

Science & Technology Trust (continued)

Security Abbreviations and Legend

ADR	American Depositary Receipt
(A)	Non-income producing security.
(B)	These securities are exempt from registration under Rule 144A of the Securities Act of 1933. Such securities may be resold, normally to qualified institutional buyers, in transactions exempt from registration.
(C)	The rate shown is the annualized seven-day yield as of 6-30-23.
(D)	Investment is an affiliate of the fund, the advisor and/or subadvisor. This security represents the investment of cash collateral received for securities lending.

Small Cap Index Trust

	Shares or Principal Amount	Value	% of Net Assets
COMMON STOCKS - 95.9%			
Communication services - 2.4%			
		\$ 12,455,316	2.4%
Consumer discretionary - 10.1%			
Asbury Automotive Group, Inc. (A)	4,469	1,074,437	0.2%
Light & Wonder, Inc. (A)	18,967	1,304,171	0.3%
Meritage Homes Corp.	7,480	1,064,180	0.2%
Taylor Morrison Home Corp. (A)	21,534	1,050,213	0.2%
OTHER SECURITIES		47,739,542	9.2%
		52,232,543	
Consumer staples - 3.3%			
BellRing Brands, Inc. (A)	27,682	1,013,161	0.2%
e.l.f. Beauty, Inc. (A)	10,389	1,186,735	0.2%
OTHER SECURITIES		14,768,394	2.9%
		16,968,290	
Energy - 6.5%			
ChampionX Corp.	41,242	1,280,152	0.3%
Chord Energy Corp.	8,561	1,316,682	0.3%
Matador Resources Company	23,461	1,227,480	0.2%
Murphy Oil Corp.	30,715	1,176,385	0.2%
OTHER SECURITIES		28,698,476	5.5%
		33,699,175	
Financials - 14.4%			
Essent Group, Ltd.	21,740	1,017,432	0.2%
Selective Insurance Group, Inc.	12,395	1,189,300	0.2%
SouthState Corp.	15,585	1,025,493	0.2%
OTHER SECURITIES		71,388,840	13.8%
		74,621,065	
Health care - 16.2%			
Alkermes PLC (A)	34,348	1,075,092	0.2%
Halozyme Therapeutics, Inc. (A)	27,616	996,109	0.2%
HealthEquity, Inc. (A)	17,411	1,099,331	0.2%
Intra-Cellular Therapies, Inc. (A)	19,410	1,229,041	0.3%
IVERIC bio, Inc. (A)	28,556	1,123,393	0.2%
Lantheus Holdings, Inc. (A)	14,062	1,180,083	0.2%
Option Care Health, Inc. (A)	35,210	1,143,973	0.2%
The Ensign Group, Inc.	11,218	1,070,870	0.2%
OTHER SECURITIES		75,118,292	14.5%
		84,036,184	
Industrials - 16.7%			
API Group Corp. (A)	43,378	1,182,484	0.2%
Applied Industrial Technologies, Inc.	7,968	1,154,005	0.2%
Atkore, Inc. (A)	8,176	1,274,965	0.3%
Casella Waste Systems, Inc., Class A (A)	11,489	1,039,180	0.2%
Chart Industries, Inc. (A)	8,730	1,394,967	0.3%

John Hancock Variable Insurance Trust

Summary Portfolio of Investments — June 30, 2023 (unaudited) (showing percentage of total net assets)

Small Cap Index Trust (continued)

	Shares or Principal Amount	Value	% of Net Assets
COMMON STOCKS (continued)			
Industrials (continued)			
Comfort Systems USA, Inc.	7,303	\$ 1,199,153	0.2%
EXL Service Holdings, Inc. (A)	6,671	1,007,721	0.2%
Maximus, Inc.	12,473	1,054,093	0.2%
Mueller Industries, Inc.	11,535	1,006,775	0.2%
Simpson Manufacturing Company, Inc.	8,849	1,225,587	0.2%
UFP Industries, Inc.	12,390	1,202,450	0.2%
Watts Water Technologies, Inc., Class A	5,588	1,026,683	0.2%
OTHER SECURITIES		72,462,846	14.1%
		86,230,909	
Information technology - 13.1%			
Axcelis Technologies, Inc. (A)	6,745	1,236,561	0.2%
Novanta, Inc. (A)	7,388	1,360,131	0.3%
Onto Innovation, Inc. (A)	10,141	1,181,122	0.2%
Power Integrations, Inc.	11,747	1,112,088	0.2%
Qualys, Inc. (A)	7,672	990,992	0.2%
Rambus, Inc. (A)	22,600	1,450,242	0.3%
Silicon Laboratories, Inc. (A)	6,567	1,035,879	0.2%
SPS Commerce, Inc. (A)	7,584	1,456,583	0.3%
Super Micro Computer, Inc. (A)	9,600	2,392,780	0.5%
Tenable Holdings, Inc. (A)	23,664	1,030,567	0.2%
Workiva, Inc. (A)	10,102	1,026,969	0.2%
OTHER SECURITIES		53,343,061	10.3%
		67,616,975	
Materials - 4.4%			
ATI, Inc. (A)	26,686	1,180,322	0.2%
Commercial Metals Company	24,126	1,270,475	0.3%
Livent Corp. (A)	37,369	1,025,032	0.2%
OTHER SECURITIES		19,463,037	3.7%
		22,938,866	

Small Cap Index Trust (continued)

	Shares or Principal Amount	Value	% of Net Assets
COMMON STOCKS (continued)			
Real estate - 5.9%			
Kite Realty Group Trust	44,859	\$ 1,002,150	0.2%
Ryman Hospitality Properties, Inc.	11,912	1,106,863	0.2%
Terreno Realty Corp.	16,741	1,006,134	0.2%
OTHER SECURITIES		27,240,625	5.3%
		30,355,772	
Utilities - 2.9%			
TOTAL COMMON STOCKS (Cost \$434,867,014)		\$ 496,091,024	2.9%
WARRANTS - 0.0%			
TOTAL WARRANTS (Cost \$0)		\$ 8,005	0.0%
SHORT-TERM INVESTMENTS - 5.5%			
Short-term funds - 5.5%			
John Hancock Collateral Trust, 5.1773% (B)(C)	2,854,500	28,530,158	5.5%
TOTAL SHORT-TERM INVESTMENTS (Cost \$28,533,821)		\$ 28,530,158	
Total Investments (Small Cap Index Trust) (Cost \$463,400,835) - 101.4%			
Other assets and liabilities, net - (1.4)%			
TOTAL NET ASSETS - 100.0%			
		\$ 524,629,187	101.4%
		(7,262,525)	(1.4)%
		\$ 517,366,662	100.0%

Security Abbreviations and Legend

- (A) Non-income producing security.
(B) The rate shown is the annualized seven-day yield as of 6-30-23.
(C) Investment is an affiliate of the fund, the advisor and/or subadvisor.
A portion of this security represents the investment of cash collateral received for securities lending. Market value of this investment amounted to \$9,565,275.

DERIVATIVES

FUTURES

Open contracts	Number of contracts	Position	Expiration date	Notional basis [^]	Notional value [^]	Unrealized appreciation (depreciation)
Russell 2000 E-Mini Index Futures	228	Long	Sep 2023	\$21,667,973	\$21,702,180	\$34,207
						\$34,207

[^] Notional basis refers to the contractual amount agreed upon at inception of open contracts; notional value represents the current value of the open contract.

See Notes to financial statements regarding investment transactions and other derivatives information.

Small Cap Opportunities Trust

	Shares or Principal Amount	Value	% of Net Assets
COMMON STOCKS - 98.9%			
Communication services - 2.0%			
News Corp., Class A	20,011	\$ 390,215	0.3%
News Corp., Class B	10,611	209,249	0.1%
OTHER SECURITIES		2,560,155	1.6%
		3,159,619	
Consumer discretionary - 15.0%			
BorgWarner, Inc.	15,544	760,257	0.5%
Chuy's Holdings, Inc. (A)	21,492	877,303	0.6%
Fox Factory Holding Corp. (A)	9,111	988,635	0.6%

Small Cap Opportunities Trust (continued)

	Shares or Principal Amount	Value	% of Net Assets
COMMON STOCKS (continued)			
Consumer discretionary (continued)			
Grand Canyon Education, Inc. (A)	8,474	\$ 874,602	0.6%
Lithia Motors, Inc.	3,879	1,179,643	0.7%
Penske Automotive Group, Inc.	4,213	702,012	0.4%
PulteGroup, Inc.	12,401	963,310	0.6%
Toll Brothers, Inc.	8,961	708,546	0.5%
TopBuild Corp. (A)	2,881	766,404	0.5%
OTHER SECURITIES		16,061,439	10.0%
		23,882,151	

John Hancock Variable Insurance Trust

Summary Portfolio of Investments — June 30, 2023 (unaudited) (showing percentage of total net assets)

Small Cap Opportunities Trust (continued)

	Shares or Principal Amount	Value	% of Net Assets
COMMON STOCKS (continued)			
Consumer staples - 3.3%			
Hostess Brands, Inc. (A)	28,147	\$ 712,682	0.5%
OTHER SECURITIES		4,524,614	2.8%
		5,237,296	
Energy - 7.6%			
ChampionX Corp.	23,000	713,920	0.4%
Earthstone Energy, Inc., Class A (A)	44,233	632,090	0.4%
Magnolia Oil & Gas Corp., Class A	29,072	607,605	0.4%
Matador Resources Company	21,079	1,102,853	0.7%
OTHER SECURITIES		9,144,160	5.7%
		12,200,628	
Financials - 18.2%			
Flywire Corp. (A)	33,784	1,048,655	0.7%
Houlihan Lokey, Inc.	7,281	715,795	0.5%
PJT Partners, Inc., Class A	10,151	706,916	0.5%
OTHER SECURITIES		26,636,879	16.5%
		29,108,245	
Health care - 11.8%			
Acadia Healthcare Company, Inc. (A)	12,599	1,003,384	0.6%
Azenta, Inc. (A)	16,200	756,216	0.5%
Intra-Cellular Therapies, Inc. (A)	10,827	685,566	0.4%
Medpace Holdings, Inc. (A)	3,432	824,263	0.5%
US Physical Therapy, Inc.	5,674	688,767	0.4%
Vericel Corp. (A)	19,187	720,856	0.5%
OTHER SECURITIES		14,163,338	8.9%
		18,842,390	
Industrials - 20.7%			
Alamo Group, Inc.	5,170	950,815	0.6%
Atkore, Inc. (A)	9,816	1,530,674	1.0%
Builders FirstSource, Inc. (A)	7,364	1,001,504	0.6%
CACI International, Inc., Class A (A)	2,478	844,602	0.5%
Exponent, Inc.	8,590	801,619	0.5%
Gibraltar Industries, Inc. (A)	13,786	867,415	0.6%
Hexcel Corp.	12,125	921,743	0.6%
Hillenbrand, Inc.	11,934	611,976	0.4%
Paycor HCM, Inc. (A)	32,189	761,914	0.5%
RBC Bearings, Inc. (A)	3,907	849,655	0.5%
SiteOne Landscape Supply, Inc. (A)	6,448	1,079,137	0.7%
SPX Technologies, Inc. (A)	12,160	1,033,235	0.7%
The Shyft Group, Inc.	33,097	730,120	0.5%
OTHER SECURITIES		20,978,788	13.0%
		32,963,197	
Information technology - 11.6%			
Appfolio, Inc., Class A (A)	4,782	823,173	0.5%
Arrow Electronics, Inc. (A)	5,768	826,151	0.5%
CyberArk Software, Ltd. (A)	5,485	857,470	0.5%
MACOM Technology Solutions Holdings, Inc. (A)	9,696	635,379	0.4%
Novanta, Inc. (A)	7,032	1,294,591	0.8%
Power Integrations, Inc.	9,484	897,850	0.6%
Silicon Laboratories, Inc. (A)	4,937	778,762	0.5%
The Descartes Systems Group, Inc. (A)	9,433	755,678	0.5%
OTHER SECURITIES		11,683,740	7.3%
		18,552,794	
Materials - 6.8%			
Avient Corp.	18,855	771,170	0.5%
Balchem Corp.	4,713	635,360	0.4%

Small Cap Opportunities Trust (continued)

	Shares or Principal Amount	Value	% of Net Assets
COMMON STOCKS (continued)			
Materials (continued)			
Reliance Steel & Aluminum Company	2,550	\$ 692,555	0.4%
OTHER SECURITIES		8,670,778	5.5%
		10,769,863	
Real estate - 1.6%			
STAG Industrial, Inc.	17,542	629,407	0.4%
OTHER SECURITIES		1,942,432	1.2%
		2,571,839	
Utilities - 0.3%			
		508,048	0.3%
TOTAL COMMON STOCKS (Cost \$137,872,470)		\$ 157,796,070	
PREFERRED SECURITIES - 0.0%			
Industrials - 0.0%			
		40,267	0.0%
TOTAL PREFERRED SECURITIES (Cost \$37,663)		\$ 40,267	
SHORT-TERM INVESTMENTS - 1.5%			
Short-term funds - 1.5%			
John Hancock Collateral Trust, 5.1773% (B)(C)	65,294	652,599	0.4%
State Street Institutional Treasury Money Market Fund, Premier Class, 4.9944% (B)	1,548,424	1,548,424	0.9%
OTHER SECURITIES		281,198	0.2%
		2,482,221	
TOTAL SHORT-TERM INVESTMENTS (Cost \$2,482,253)		\$ 2,482,221	
Total Investments (Small Cap Opportunities Trust) (Cost \$140,392,386) - 100.4%		\$ 160,318,558	100.4%
Other assets and liabilities, net - (0.4%)		(654,843)	(0.4)%
TOTAL NET ASSETS - 100.0%		\$ 159,663,715	100.0%

Security Abbreviations and Legend

- (A) Non-income producing security.
(B) The rate shown is the annualized seven-day yield as of 6-30-23.
(C) Investment is an affiliate of the fund, the advisor and/or subadvisor.
This security represents the investment of cash collateral received for securities lending.

Small Cap Stock Trust

	Shares or Principal Amount	Value	% of Net Assets
COMMON STOCKS - 96.6%			
Communication services - 3.9%			
Criteo SA, ADR (A)	81,970	\$ 2,765,668	1.0%
Eventbrite, Inc., Class A (A)	315,452	3,012,567	1.1%
Ziff Davis, Inc. (A)	39,759	2,785,516	1.1%
OTHER SECURITIES		1,951,023	0.7%
		10,514,774	
Consumer discretionary - 11.3%			
Boyd Gaming Corp.	54,911	3,809,176	1.4%
Crocs, Inc. (A)	45,090	5,069,920	1.8%
Skyline Champion Corp. (A)	58,316	3,816,782	1.4%
Texas Roadhouse, Inc.	24,525	2,753,667	1.0%
Visteon Corp. (A)	19,125	2,746,541	1.0%
Wingstop, Inc.	32,853	6,575,856	2.4%
OTHER SECURITIES		6,153,874	2.3%
		30,925,816	
Consumer staples - 5.0%			
Celsius Holdings, Inc. (A)	37,576	5,605,963	2.1%

John Hancock Variable Insurance Trust

Summary Portfolio of Investments — June 30, 2023 (unaudited) (showing percentage of total net assets)

Small Cap Stock Trust (continued)

	Shares or Principal Amount	Value	% of Net Assets
COMMON STOCKS (continued)			
Consumer staples (continued)			
e.l.f. Beauty, Inc. (A)	44,982	\$ 5,138,294	1.9%
TreeHouse Foods, Inc. (A)	56,253	2,834,026	1.0%
		13,578,283	
Energy - 3.7%			
Cactus, Inc., Class A	80,490	3,406,337	1.2%
Chord Energy Corp.	19,814	3,047,393	1.1%
Viper Energy Partners LP	137,844	3,698,355	1.4%
		10,152,085	
Financials - 2.6%			
Hannon Armstrong Sustainable Infrastructure Capital, Inc.	109,912	2,747,800	1.0%
OTHER SECURITIES			
		4,284,290	1.6%
		7,032,090	
Health care - 23.9%			
Acadia Healthcare Company, Inc. (A)			
	34,256	2,728,148	1.0%
Cross Country Healthcare, Inc. (A)			
	117,641	3,303,359	1.2%
Glaukos Corp. (A)	68,643	4,888,068	1.8%
Haemonetics Corp. (A)	47,739	4,064,498	1.5%
Inari Medical, Inc. (A)	45,848	2,665,603	1.0%
Inspire Medical Systems, Inc. (A)			
	20,302	6,590,841	2.4%
Karuna Therapeutics, Inc. (A)	13,675	2,965,424	1.1%
Shockwave Medical, Inc. (A)	12,305	3,511,970	1.3%
OTHER SECURITIES			
		34,257,826	12.6%
		64,975,737	
Industrials - 23.1%			
Applied Industrial Technologies, Inc.			
	40,750	5,901,823	2.2%
Casella Waste Systems, Inc., Class A (A)			
	35,175	3,181,579	1.2%
Comfort Systems USA, Inc.	25,924	4,256,721	1.6%
Curtiss-Wright Corp.	20,632	3,789,273	1.4%
EXL Service Holdings, Inc. (A)	32,087	4,847,062	1.8%
Fluor Corp. (A)	155,764	4,610,614	1.7%
Rush Enterprises, Inc., Class A	43,864	2,664,299	1.0%
Shoals Technologies Group, Inc., Class A (A)			
	180,430	4,611,791	1.7%
The AZEK Company, Inc. (A)	145,541	4,408,437	1.6%
TriNet Group, Inc. (A)	34,906	3,315,023	1.2%
Verra Mobility Corp. (A)	357,836	7,056,528	2.6%
Zum Elkay Water Solutions Corp.			
	144,061	3,873,800	1.4%
OTHER SECURITIES			
		10,443,883	3.7%
		62,960,833	
Information technology - 17.0%			
Calix, Inc. (A)	90,974	4,540,512	1.7%
CyberArk Software, Ltd. (A)	17,900	2,798,307	1.0%
DoubleVerify Holdings, Inc. (A)			
	123,960	4,824,523	1.8%
Five9, Inc. (A)	45,120	3,720,144	1.4%
Jamf Holding Corp. (A)	160,666	3,136,200	1.1%
Manhattan Associates, Inc. (A)	25,281	5,053,166	1.8%
Novanta, Inc. (A)	22,255	4,097,146	1.5%
PowerSchool Holdings, Inc., Class A (A)			
	190,848	3,652,831	1.3%
Synaptics, Inc. (A)	35,412	3,023,477	1.1%
OTHER SECURITIES			
		11,523,830	4.3%
		46,370,136	
Materials - 3.3%			
Cabot Corp.	72,334	4,838,421	1.8%

Small Cap Stock Trust (continued)

	Shares or Principal Amount	Value	% of Net Assets
COMMON STOCKS (continued)			
Materials (continued)			
Livent Corp. (A)(B)	149,656	\$ 4,105,064	1.5%
		8,943,485	
Real estate - 2.8%			
Phillips Edison & Company, Inc.			
	100,110	3,411,749	1.3%
Ryman Hospitality Properties, Inc.			
	44,373	4,123,139	1.5%
		7,534,888	
TOTAL COMMON STOCKS (Cost \$238,929,149)		\$ 262,988,127	
EXCHANGE-TRADED FUNDS - 2.5%			
iShares Russell 2000 Growth ETF (B)			
	27,749	6,733,572	2.5%
TOTAL EXCHANGE-TRADED FUNDS (Cost \$6,305,751)		\$ 6,733,572	
SHORT-TERM INVESTMENTS - 4.1%			
Short-term funds - 3.2%			
John Hancock Collateral Trust, 5.1773% (C)(D)			
	881,983	8,815,245	3.2%
Repurchase agreement - 0.9%			
		2,400,000	0.9%
TOTAL SHORT-TERM INVESTMENTS (Cost \$11,215,780)		\$ 11,215,245	
Total Investments (Small Cap Stock Trust) (Cost \$256,450,680) - 103.2%		\$ 280,936,944	103.2%
Other assets and liabilities, net - (3.2)%		(8,639,110)	(3.2)%
TOTAL NET ASSETS - 100.0%		\$ 272,297,834	100.0%

Security Abbreviations and Legend

ADR	American Depositary Receipt
(A)	Non-income producing security.
(B)	All or a portion of this security is on loan as of 6-30-23.
(C)	The rate shown is the annualized seven-day yield as of 6-30-23.
(D)	Investment is an affiliate of the fund, the advisor and/or subadvisor. This security represents the investment of cash collateral received for securities lending.

Small Cap Value Trust

	Shares or Principal Amount	Value	% of Net Assets
COMMON STOCKS - 97.9%			
Communication services - 1.4%			
Shutterstock, Inc.			
	100,062	\$ 4,870,018	1.1%
OTHER SECURITIES			
		1,249,213	0.3%
		6,119,231	
Consumer discretionary - 9.7%			
Century Communities, Inc.			
	78,802	6,037,809	1.4%
Kontoor Brands, Inc.			
	148,517	6,252,566	1.4%
Monro, Inc.			
	148,444	6,031,280	1.3%
Sonos, Inc. (A)			
	303,396	4,954,457	1.1%
Tri Pointe Homes, Inc. (A)			
	201,060	6,606,832	1.5%
Visteon Corp. (A)			
	43,246	6,210,558	1.4%
Wyndham Hotels & Resorts, Inc.			
	78,746	5,399,613	1.2%
OTHER SECURITIES			
		1,931,000	0.4%
		43,424,115	
Consumer staples - 2.4%			
Spectrum Brands Holdings, Inc.			
	80,756	6,303,006	1.4%

John Hancock Variable Insurance Trust

Summary Portfolio of Investments — June 30, 2023 (unaudited) (showing percentage of total net assets)

Small Cap Value Trust (continued)

	Shares or Principal Amount	Value	% of Net Assets
COMMON STOCKS (continued)			
Consumer staples (continued)			
OTHER SECURITIES		\$ 4,613,769	1.0%
		10,916,775	
Energy - 4.2%			
Chord Energy Corp.	46,489	7,150,008	1.6%
Sitio Royalties Corp., Class A	259,731	6,823,133	1.6%
OTHER SECURITIES		4,578,416	1.0%
		18,551,557	
Financials - 23.5%			
1st Source Corp.	119,579	5,013,947	1.1%
Assured Guaranty, Ltd.	95,316	5,318,633	1.2%
Bread Financial Holdings, Inc.	182,712	5,735,330	1.3%
Cadence Bank	249,621	4,902,556	1.1%
Enterprise Financial Services Corp.	114,603	4,480,977	1.0%
First Busey Corp.	242,654	4,877,345	1.1%
Hancock Whitney Corp.	151,764	5,824,702	1.3%
Houlihan Lokey, Inc.	52,978	5,208,267	1.2%
Kemper Corp.	151,651	7,318,677	1.6%
National Bank Holdings Corp., Class A	155,924	4,528,033	1.0%
NMI Holdings, Inc., Class A (A)	241,424	6,233,568	1.4%
ProAssurance Corp.	386,802	5,836,842	1.3%
Seacoast Banking Corp. of Florida	251,268	5,553,023	1.2%
SiriusPoint, Ltd. (A)	544,873	4,920,203	1.1%
Synovus Financial Corp.	178,541	5,400,865	1.2%
White Mountains Insurance Group, Ltd.	3,911	5,432,027	1.2%
OTHER SECURITIES		18,602,335	4.2%
		105,187,330	
Health care - 3.6%			
ICU Medical, Inc. (A)	32,623	5,813,092	1.3%
Integra LifeSciences Holdings Corp. (A)	168,605	6,934,724	1.6%
OTHER SECURITIES		3,352,217	0.7%
		16,100,033	
Industrials - 21.5%			
Air Lease Corp.	175,206	7,332,371	1.6%
American Woodmark Corp. (A)	92,992	7,101,799	1.6%
Brady Corp., Class A	120,574	5,735,705	1.3%
Huron Consulting Group, Inc. (A)	84,230	7,151,969	1.6%
John Bean Technologies Corp.	45,871	5,564,152	1.2%
Leonardo DRS, Inc. (A)(B)	279,579	4,847,900	1.1%
Science Applications International Corp.	53,312	5,996,534	1.3%
SP Plus Corp. (A)	225,441	8,816,998	2.0%
Sterling Check Corp. (A)	454,510	5,572,293	1.2%
UniFirst Corp.	37,296	5,781,253	1.3%
WNS Holdings, Ltd., ADR (A)	67,352	4,965,189	1.1%
OTHER SECURITIES		27,091,027	6.2%
		95,957,190	
Information technology - 9.2%			
ACI Worldwide, Inc. (A)	264,745	6,134,142	1.4%
Belden, Inc.	76,689	7,335,303	1.6%
CTS Corp.	109,286	4,658,862	1.1%
ePlus, Inc. (A)	112,386	6,327,332	1.4%
Perficient, Inc. (A)	79,211	6,600,653	1.5%
Progress Software Corp.	133,905	7,779,881	1.7%
OTHER SECURITIES		2,172,631	0.5%
		41,008,804	

Small Cap Value Trust (continued)

	Shares or Principal Amount	Value	% of Net Assets
COMMON STOCKS (continued)			
Materials - 8.3%			
Axalta Coating Systems, Ltd. (A)	199,582	\$ 6,548,285	1.5%
Element Solutions, Inc.	461,913	8,868,730	2.0%
HB Fuller Company	81,114	5,800,462	1.3%
Mativ Holdings, Inc.	363,449	5,495,349	1.2%
TriMas Corp.	350,740	9,641,843	2.2%
OTHER SECURITIES		626,240	0.1%
		36,980,909	
Real estate - 11.1%			
Centerspace	84,081	5,159,210	1.2%
Independence Realty Trust, Inc.	367,160	6,689,655	1.5%
Pebblebrook Hotel Trust	386,044	5,381,453	1.2%
Phillips Edison & Company, Inc.	170,778	5,820,114	1.3%
PotlatchDeltic Corp.	129,756	6,857,605	1.5%
RPT Realty	669,209	6,993,234	1.6%
OTHER SECURITIES		12,708,123	2.8%
		49,609,394	
Utilities - 3.0%			
ONE Gas, Inc.	63,328	4,864,224	1.1%
OTHER SECURITIES		8,720,770	1.9%
		13,584,994	
TOTAL COMMON STOCKS (Cost \$417,243,005)		\$ 437,440,332	
SHORT-TERM INVESTMENTS - 2.2%			
Short-term funds - 0.3%			
John Hancock Collateral Trust, 5.1773% (C)(D)	137,084	1,370,131	0.3%
Repurchase agreement - 1.9%			
Bank of America Tri-Party Repurchase Agreement dated 6-30-23 at 5.060% to be repurchased at \$8,203,458 on 7-3-23, collateralized by \$9,601,600 U.S. Treasury Notes, 1.375% due 10-31-28 (valued at \$8,364,042)	\$ 8,200,000	8,200,000	1.9%
TOTAL SHORT-TERM INVESTMENTS (Cost \$9,570,207)		\$ 9,570,131	
Total Investments (Small Cap Value Trust) (Cost \$426,813,212) - 100.1%		\$ 447,010,463	100.1%
Other assets and liabilities, net - (0.1)%		(369,682)	(0.1)%
TOTAL NET ASSETS - 100.0%		\$ 446,640,781	100.0%
Security Abbreviations and Legend			
ADR	American Depositary Receipt		
(A)	Non-income producing security.		
(B)	All or a portion of this security is on loan as of 6-30-23.		
(C)	The rate shown is the annualized seven-day yield as of 6-30-23.		
(D)	Investment is an affiliate of the fund, the advisor and/or subadvisor. This security represents the investment of cash collateral received for securities lending.		
Small Company Value Trust			
	Shares or Principal Amount	Value	% of Net Assets
COMMON STOCKS - 97.6%			
Communication services - 1.0%		\$ 1,265,749	1.0%

John Hancock Variable Insurance Trust

Summary Portfolio of Investments — June 30, 2023 (unaudited) (showing percentage of total net assets)

Small Company Value Trust (continued)

	Shares or Principal Amount	Value	% of Net Assets
COMMON STOCKS (continued)			
Consumer discretionary - 11.1%			
Asbury Automotive Group, Inc. (A)	3,779	\$ 908,547	0.7%
Cava Group, Inc. (A)(B)	40,270	1,649,057	1.3%
Meritage Homes Corp.	8,869	1,261,793	1.0%
Papa John's International, Inc.	12,450	919,184	0.7%
Steven Madden, Ltd.	26,298	859,682	0.7%
Strategic Education, Inc.	18,026	1,222,884	1.0%
OTHER SECURITIES		7,053,461	5.7%
		13,874,608	
Consumer staples - 2.6%			
Coca-Cola Consolidated, Inc.	1,344	854,811	0.7%
Nomad Foods, Ltd. (A)	62,131	1,088,535	0.9%
OTHER SECURITIES		1,368,099	1.0%
		3,311,445	
Energy - 7.0%			
Cactus, Inc., Class A	25,119	1,063,036	0.8%
ChampionX Corp.	51,149	1,587,665	1.3%
Magnolia Oil & Gas Corp., Class A	62,982	1,316,324	1.1%
Matador Resources Company	36,384	1,903,611	1.5%
OTHER SECURITIES		2,865,149	2.3%
		8,735,785	
Financials - 24.7%			
BankUnited, Inc.	53,477	1,152,429	0.9%
Columbia Banking System, Inc.	55,442	1,124,364	0.9%
Eastern Bankshares, Inc.	94,654	1,161,405	0.9%
FB Financial Corp.	30,576	857,657	0.7%
Hannon Armstrong Sustainable Infrastructure Capital, Inc.	39,363	984,075	0.8%
Home BancShares, Inc.	58,844	1,341,643	1.1%
Houlihan Lokey, Inc.	12,970	1,275,081	1.0%
National Bank Holdings Corp., Class A	30,105	874,249	0.7%
PennyMac Financial Services, Inc.	23,769	1,671,198	1.3%
Pinnacle Financial Partners, Inc.	25,795	1,461,287	1.2%
Popular, Inc.	20,642	1,249,254	1.0%
Radian Group, Inc.	53,082	1,341,913	1.1%
SouthState Corp.	17,609	1,158,672	0.9%
Towne Bank	37,244	865,551	0.7%
Virtus Investment Partners, Inc.	4,421	873,015	0.7%
WSFS Financial Corp.	25,509	962,199	0.8%
OTHER SECURITIES		12,644,326	10.0%
		30,998,318	
Health care - 10.9%			
QuidelOrtho Corp. (A)	10,406	862,241	0.7%
Select Medical Holdings Corp.	51,216	1,631,742	1.3%
The Ensign Group, Inc.	8,950	854,367	0.7%
OTHER SECURITIES		10,259,513	8.2%
		13,607,863	
Industrials - 14.2%			
Allegiant Travel Company (A)	7,831	988,899	0.8%
Beacon Roofing Supply, Inc. (A)	17,030	1,413,149	1.1%
ESCO Technologies, Inc.	8,261	856,087	0.7%
Helios Technologies, Inc.	16,121	1,065,437	0.9%
Landstar System, Inc.	6,450	1,241,883	1.0%
UFP Industries, Inc.	23,238	2,255,244	1.8%
OTHER SECURITIES		9,977,417	7.9%
		17,798,116	

Small Company Value Trust (continued)

	Shares or Principal Amount	Value	% of Net Assets
COMMON STOCKS (continued)			
Information technology - 6.3%			
Littelfuse, Inc.	5,709	\$ 1,663,089	1.3%
Vontier Corp.	29,974	965,463	0.8%
OTHER SECURITIES		5,251,708	4.2%
		7,880,260	
Materials - 4.7%			
Constellium SE (A)	59,959	1,031,295	0.8%
Reliance Steel & Aluminum Company	4,062	1,103,199	0.9%
OTHER SECURITIES		3,738,079	3.0%
		5,872,573	
Real estate - 9.9%			
Apple Hospitality REIT, Inc.	86,029	1,299,898	1.0%
CubeSmart	20,164	900,524	0.7%
EastGroup Properties, Inc.	6,422	1,114,859	0.9%
PotlatchDeltic Corp.	19,718	1,042,096	0.8%
Terreno Realty Corp.	23,785	1,429,479	1.1%
The St. Joe Company	28,069	1,356,855	1.1%
OTHER SECURITIES		5,293,166	4.3%
		12,436,877	
Utilities - 5.2%			
IDACORP, Inc.	18,651	1,913,593	1.5%
MGE Energy, Inc.	21,290	1,684,252	1.3%
OTHER SECURITIES		2,969,883	2.4%
		6,567,728	
TOTAL COMMON STOCKS (Cost \$104,791,228)		\$ 122,349,322	
WARRANTS - 0.0%		611	0.0%
TOTAL WARRANTS (Cost \$6,099)		\$ 611	
SHORT-TERM INVESTMENTS - 4.3%			
Short-term funds - 4.3%			
John Hancock Collateral Trust, 5.1773% (C)(D)	207,769	2,076,613	1.6%
T. Rowe Price Government Reserve Fund, 5.1068% (C)	2,579,062	2,579,062	2.1%
OTHER SECURITIES		706,872	0.6%
		5,362,547	
TOTAL SHORT-TERM INVESTMENTS (Cost \$5,362,506)		\$ 5,362,547	
Total Investments (Small Company Value Trust) (Cost \$110,159,833) - 101.9%		\$ 127,712,480	101.9%
Other assets and liabilities, net - (1.9)%		(2,407,938)	(1.9)%
TOTAL NET ASSETS - 100.0%		\$ 125,304,542	100.0%

Security Abbreviations and Legend

- (A) Non-income producing security.
- (B) All or a portion of this security is on loan as of 6-30-23.
- (C) The rate shown is the annualized seven-day yield as of 6-30-23.
- (D) Investment is an affiliate of the fund, the advisor and/or subadvisor. This security represents the investment of cash collateral received for securities lending.

Strategic Equity Allocation Trust

	Shares or Principal Amount	Value	% of Net Assets
COMMON STOCKS - 95.7%			
Communication services - 6.0%			
Alphabet, Inc., Class A (A)	626,424	\$ 74,982,953	1.0%
Alphabet, Inc., Class C (A)	538,842	65,183,717	0.9%

John Hancock Variable Insurance Trust

Summary Portfolio of Investments — June 30, 2023 (unaudited) (showing percentage of total net assets)

Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value	% of Net Assets
COMMON STOCKS (continued)			
Communication services (continued)			
Meta Platforms, Inc., Class A (A)	233,251	\$ 66,938,372	0.9%
Netflix, Inc. (A)	46,873	20,647,088	0.3%
OTHER SECURITIES		212,734,864	2.9%
		440,486,994	
Consumer discretionary - 11.0%			
Amazon.com, Inc. (A)	941,218	122,697,178	1.7%
LVMH Moët Hennessy Louis Vuitton SE	39,284	37,041,364	0.5%
McDonald's Corp.	76,982	22,972,199	0.3%
Tesla, Inc. (A)	284,066	74,359,917	1.0%
The Home Depot, Inc.	106,777	33,169,207	0.5%
Toyota Motor Corp.	1,508,700	24,247,954	0.4%
OTHER SECURITIES		488,196,442	6.6%
		802,684,261	
Consumer staples - 7.1%			
Costco Wholesale Corp.	46,761	25,175,187	0.4%
Nestlé SA	391,238	47,062,615	0.7%
PepsiCo, Inc.	145,265	26,905,983	0.4%
The Coca-Cola Company	410,389	24,713,626	0.4%
The Procter & Gamble Company	248,520	37,710,425	0.5%
Walmart, Inc.	147,893	23,245,822	0.3%
OTHER SECURITIES		332,318,708	4.4%
		517,132,366	
Energy - 4.1%			
Chevron Corp.	183,749	28,912,905	0.4%
Exxon Mobil Corp.	426,297	45,720,353	0.6%
Shell PLC	974,215	29,062,455	0.4%
OTHER SECURITIES		197,496,458	2.7%
		301,192,171	
Financials - 13.9%			
Bank of America Corp.	731,038	20,973,480	0.3%
Berkshire Hathaway, Inc., Class B (A)	188,031	64,118,571	0.9%
HSBC Holdings PLC	2,842,349	22,505,250	0.3%
JPMorgan Chase & Co.	308,129	44,814,282	0.6%
Mastercard, Inc., Class A	88,229	34,700,466	0.5%
Visa, Inc., Class A	170,627	40,520,500	0.6%
OTHER SECURITIES		787,685,188	10.7%
		1,015,317,737	
Health care - 12.7%			
Abbott Laboratories	183,356	19,989,471	0.3%
AbbVie, Inc.	186,028	25,063,552	0.4%
AstraZeneca PLC	220,494	31,608,741	0.5%
Eli Lilly & Company	83,076	38,960,982	0.6%
Johnson & Johnson	274,012	45,354,466	0.6%
Merck & Company, Inc.	267,549	30,872,479	0.4%
Novartis AG	291,612	29,400,149	0.4%
Novo Nordisk A/S, B Shares	235,516	38,045,184	0.5%
Pfizer, Inc.	595,246	21,833,623	0.3%
Roche Holding AG	99,953	30,532,633	0.4%
Roche Holding AG, Bearer Shares	4,554	1,495,436	0.0%
Thermo Fisher Scientific, Inc.	40,671	21,220,094	0.3%
UnitedHealth Group, Inc.	98,169	47,183,948	0.7%

Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value	% of Net Assets
COMMON STOCKS (continued)			
Health care (continued)			
OTHER SECURITIES		\$ 546,407,521	7.3%
		927,968,279	
Industrials - 12.0%		876,072,529	12.0%
Information technology - 19.0%			
Accenture PLC, Class A	66,589	20,548,034	0.3%
Adobe, Inc. (A)	48,366	23,650,490	0.3%
Advanced Micro Devices, Inc. (A)	169,798	19,341,690	0.3%
Apple, Inc.	1,558,940	302,387,592	4.1%
ASML Holding NV	57,354	41,600,505	0.6%
Broadcom, Inc.	43,961	38,133,090	0.5%
Cisco Systems, Inc.	431,866	22,344,747	0.3%
Microsoft Corp.	784,004	266,984,722	3.7%
NVIDIA Corp.	260,769	110,310,502	1.5%
Oracle Corp.	162,262	19,323,782	0.3%
Salesforce, Inc. (A)	103,229	21,808,159	0.3%
SAP SE	148,561	20,294,537	0.3%
OTHER SECURITIES		486,862,818	6.5%
		1,393,590,668	
Materials - 4.3%			
BHP Group, Ltd.	720,706	21,665,831	0.3%
Linde PLC	51,623	19,672,493	0.3%
OTHER SECURITIES		275,558,050	3.7%
		316,896,374	
Real estate - 2.8%			
Utilities - 2.8%			
TOTAL COMMON STOCKS (Cost \$3,743,645,453)		\$ 7,000,899,154	
PREFERRED SECURITIES - 0.1%			
Consumer discretionary - 0.1%		8,233,656	0.1%
Consumer staples - 0.0%		1,925,829	0.0%
Health care - 0.0%		1,291,945	0.0%
TOTAL PREFERRED SECURITIES (Cost \$10,546,940)		\$ 11,451,430	
WARRANTS - 0.0%			
TOTAL WARRANTS (Cost \$15,655)		\$ 311,028	0.0%
SHORT-TERM INVESTMENTS - 4.3%			
Short-term funds - 4.3%			
John Hancock Collateral Trust, 5.1773% (B)(C)	30,948,076	309,319,830	4.3%
TOTAL SHORT-TERM INVESTMENTS (Cost \$309,353,287)		\$ 309,319,830	
Total Investments (Strategic Equity Allocation Trust) (Cost \$4,063,561,335) - 100.1%			
Other assets and liabilities, net - (0.1)%			
TOTAL NET ASSETS - 100.0%			
\$ 7,321,981,442			
(3,739,341)			
\$ 7,318,242,101			
100.0%			
Security Abbreviations and Legend			
(A)	Non-income producing security.		
(B)	The rate shown is the annualized seven-day yield as of 6-30-23.		
(C)	Investment is an affiliate of the fund, the advisor and/or subadvisor. A portion of this security represents the investment of cash collateral received for securities lending. Market value of this investment amounted to \$48,191,721.		

John Hancock Variable Insurance Trust

Summary Portfolio of Investments — June 30, 2023 (unaudited) (showing percentage of total net assets)

Strategic Equity Allocation Trust (continued)

DERIVATIVES

FUTURES

Open contracts	Number of contracts	Position	Expiration date	Notional basis [^]	Notional value [^]	Unrealized appreciation (depreciation)
MSCI EAFE Index Futures	975	Long	Sep 2023	\$104,183,145	\$105,080,625	\$897,480
Russell 2000 E-Mini Index Futures	184	Long	Sep 2023	17,485,221	17,514,040	28,819
S&P 500 E-Mini Index Futures	705	Long	Sep 2023	157,045,128	158,210,813	1,165,685
S&P Mid 400 E-Mini Index Futures	92	Long	Sep 2023	23,761,142	24,325,720	564,578
						\$2,656,562

[^] Notional basis refers to the contractual amount agreed upon at inception of open contracts; notional value represents the current value of the open contract.

See Notes to financial statements regarding investment transactions and other derivatives information.

Total Stock Market Index Trust

	Shares or Principal Amount	Value	% of Net Assets
COMMON STOCKS - 98.1%			
Communication services - 7.8%			
Alphabet, Inc., Class A (A)	96,206	\$ 11,515,820	1.5%
Alphabet, Inc., Class C (A)	96,370	11,657,879	1.5%
Comcast Corp., Class A	67,844	2,818,918	0.4%
Meta Platforms, Inc., Class A (A)	36,011	10,334,437	1.4%
Netflix, Inc. (A)	7,189	3,166,683	0.4%
The Walt Disney Company (A)	29,558	2,638,938	0.4%
T-Mobile US, Inc. (A)	19,759	2,744,525	0.4%
Verizon Communications, Inc.	67,710	2,518,135	0.3%
OTHER SECURITIES		11,766,915	1.5%
		59,162,250	
Consumer discretionary - 11.0%			
Amazon.com, Inc. (A)	164,691	21,469,119	2.8%
McDonald's Corp.	11,773	3,513,181	0.5%
Tesla, Inc. (A)	51,032	13,358,647	1.8%
The Home Depot, Inc.	16,452	5,110,649	0.7%
OTHER SECURITIES		40,219,975	5.2%
		83,671,571	
Consumer staples - 6.6%			
Costco Wholesale Corp.	7,171	3,860,723	0.5%
PepsiCo, Inc.	22,267	4,124,294	0.6%
Philip Morris International, Inc.	24,985	2,439,036	0.3%
The Coca-Cola Company	69,746	4,200,104	0.6%
The Procter & Gamble Company	38,069	5,776,590	0.8%
Walmart, Inc.	43,540	6,843,617	0.9%
OTHER SECURITIES		22,465,801	2.9%
		49,710,165	
Energy - 4.0%			
Chevron Corp.	30,835	4,851,887	0.7%
Exxon Mobil Corp.	66,530	7,135,343	1.0%
OTHER SECURITIES		18,329,204	2.3%
		30,316,434	
Financials - 12.7%			
Bank of America Corp.	129,015	3,701,440	0.5%
Berkshire Hathaway, Inc., Class A (A)	10	5,178,100	0.7%
Berkshire Hathaway, Inc., Class B (A)	20,960	7,147,360	1.0%
JPMorgan Chase & Co.	47,491	6,907,091	0.9%
Mastercard, Inc., Class A	15,293	6,014,737	0.8%
Morgan Stanley	27,182	2,321,343	0.3%
Visa, Inc., Class A	26,338	6,254,748	0.8%
Wells Fargo & Company	61,321	2,617,180	0.4%

Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value	% of Net Assets
COMMON STOCKS (continued)			
Financials (continued)			
OTHER SECURITIES		\$ 56,725,309	7.3%
		96,867,308	
Health care - 12.9%			
Abbott Laboratories	28,076	3,060,846	0.4%
AbbVie, Inc.	28,609	3,854,491	0.5%
Danaher Corp.	11,771	2,825,040	0.4%
Eli Lilly & Company	15,350	7,198,843	1.0%
Johnson & Johnson	41,946	6,942,902	0.9%
Merck & Company, Inc.	41,030	4,734,452	0.6%
Pfizer, Inc.	90,553	3,321,484	0.5%
Thermo Fisher Scientific, Inc.	6,214	3,242,155	0.4%
UnitedHealth Group, Inc.	15,061	7,238,919	1.0%
OTHER SECURITIES		55,875,925	7.2%
		98,295,057	
Industrials - 9.6%			
Raytheon Technologies Corp.	23,592	2,311,072	0.3%
OTHER SECURITIES		70,822,655	9.3%
		73,133,727	
Information technology - 25.7%			
Accenture PLC, Class A	10,618	3,276,502	0.4%
Adobe, Inc. (A)	7,399	3,618,037	0.5%
Advanced Micro Devices, Inc. (A)	26,043	2,966,558	0.4%
Apple, Inc.	255,096	49,480,970	6.5%
Broadcom, Inc.	6,741	5,847,346	0.8%
Cisco Systems, Inc.	66,225	3,426,482	0.5%
Intel Corp.	66,812	2,234,193	0.3%
Microsoft Corp.	120,114	40,903,622	5.4%
NVIDIA Corp.	39,725	16,804,470	2.2%
Oracle Corp.	43,512	5,181,844	0.7%
Salesforce, Inc. (A)	16,157	3,413,328	0.5%
Texas Instruments, Inc.	14,582	2,625,052	0.4%
OTHER SECURITIES		55,983,919	7.1%
		195,762,323	
Materials - 2.7%			
Linde PLC	7,932	3,022,727	0.4%
OTHER SECURITIES		17,674,133	2.3%
		20,696,860	
Real estate - 2.8%			
OTHER SECURITIES		20,997,693	2.8%
Utilities - 2.3%			
NextEra Energy, Inc.	32,245	2,392,579	0.3%
OTHER SECURITIES		15,279,977	2.0%
		17,672,556	
TOTAL COMMON STOCKS (Cost \$331,960,873)		\$ 746,285,944	

John Hancock Variable Insurance Trust

Summary Portfolio of Investments — June 30, 2023 (unaudited) (showing percentage of total net assets)

Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value	% of Net Assets
PREFERRED SECURITIES - 0.0%			
Consumer discretionary - 0.0%		\$ 9,755	0.0%
Industrials - 0.0%		11,883	0.0%
TOTAL PREFERRED SECURITIES (Cost \$82,033)		\$ 21,638	
WARRANTS - 0.0%			
TOTAL WARRANTS (Cost \$120,153)		\$ 4,676	0.0%
SHORT-TERM INVESTMENTS - 2.4%			
Short-term funds - 2.4%			
John Hancock Collateral Trust, 5.1773% (B)(C)	1,842,578	18,416,202	2.4%
TOTAL SHORT-TERM INVESTMENTS (Cost \$18,419,969)		\$ 18,416,202	
Total Investments (Total Stock Market Index Trust) (Cost \$350,583,028) - 100.5%		\$ 764,728,460	100.5%
Other assets and liabilities, net - (0.5)%		(3,763,331)	(0.5)%
TOTAL NET ASSETS - 100.0%		\$ 760,965,129	100.0%

Total Stock Market Index Trust (continued)

Security Abbreviations and Legend

- (A) Non-income producing security.
 (B) The rate shown is the annualized seven-day yield as of 6-30-23.
 (C) Investment is an affiliate of the fund, the advisor and/or subadvisor. A portion of this security represents the investment of cash collateral received for securities lending. Market value of this investment amounted to \$5,191,608.

DERIVATIVES

FUTURES

Open contracts	Number of contracts	Position	Expiration date	Notional basis [^]	Notional value [^]	Unrealized appreciation (depreciation)
Russell 2000 E-Mini Index Futures	21	Long	Sep 2023	\$1,993,534	\$1,998,885	\$5,351
S&P 500 E-Mini Index Futures	59	Long	Sep 2023	12,843,841	13,240,337	396,496
						\$401,847

[^] Notional basis refers to the contractual amount agreed upon at inception of open contracts; notional value represents the current value of the open contract.

See Notes to financial statements regarding investment transactions and other derivatives information.

John Hancock Variable Insurance Trust

Summary Portfolio of Investments — June 30, 2023 (unaudited) (showing percentage of total net assets)

The following portfolios had the following country composition as a percentage of net assets on 6-30-23:

Capital Appreciation Trust		Health Sciences Trust	
United States	86.4%	United States	88.0%
France	3.5%	United Kingdom	4.0%
Netherlands	2.6%	Netherlands	1.9%
Denmark	2.0%	Denmark	1.7%
Canada	1.7%	Switzerland	1.2%
Uruguay	1.5%	Other countries	3.2%
United Kingdom	1.2%	TOTAL	100.0%
Other countries	1.1%	Mid Value Trust	
TOTAL	100.0%	United States	88.3%
Equity Income Trust		United Kingdom	4.3%
United States	87.4%	Canada	2.8%
France	3.6%	Puerto Rico	1.2%
Germany	3.0%	Netherlands	1.0%
Switzerland	1.9%	Other countries	2.4%
Ireland	1.5%	TOTAL	100.0%
Canada	1.3%	Science & Technology Trust	
Other countries	1.3%	United States	78.3%
TOTAL	100.0%	China	7.1%
Financial Industries Trust		Germany	5.7%
United States	81.6%	Ireland	3.8%
Bermuda	5.3%	South Korea	2.2%
Canada	3.1%	Other countries	2.9%
France	2.4%	TOTAL	100.0%
Japan	2.3%	Strategic Equity Allocation Trust	
Netherlands	2.0%	United States	68.4%
Switzerland	1.8%	Japan	6.8%
Puerto Rico	1.5%	United Kingdom	4.4%
TOTAL	100.0%	France	3.7%
Fundamental Large Cap Value Trust		Switzerland	3.4%
United States	87.4%	Germany	2.6%
France	2.8%	Australia	2.2%
Switzerland	2.3%	Netherlands	1.6%
Canada	1.7%	Ireland	1.0%
Belgium	1.6%	Other countries	5.9%
United Kingdom	1.4%	TOTAL	100.0%
South Korea	1.1%		
Netherlands	1.1%		
Other countries	0.6%		
TOTAL	100.0%		

John Hancock Variable Insurance Trust

Statements of assets and liabilities — June 30, 2023 (unaudited)

	500 Index Trust	American Asset Allocation Trust	American Global Growth Trust	American Growth Trust
Assets				
Unaffiliated investments, at value (including securities loaned)	\$7,549,564,099	\$1,142,690,818	\$189,403,968	\$854,260,423
Affiliated investments, at value	306,485,613	—	—	—
Total investments, at value	7,856,049,712	1,142,690,818	189,403,968	854,260,423
Receivable for futures variation margin	3,712,848	—	—	—
Cash	43,003	—	—	—
Collateral held at broker for futures contracts	15,786,000	—	—	—
Dividends and interest receivable	6,004,018	—	—	—
Receivable for fund shares sold	—	—	45,034	205,249
Receivable for investments sold	—	1,216,084	762,085	16,398,028
Receivable for securities lending income	1,553	—	—	—
Receivable from affiliates	55,502	—	—	—
Other assets	264,962	52,666	10,464	38,476
Total assets	7,881,917,598	1,143,959,568	190,221,551	870,902,176
Liabilities				
Due to custodian	—	—	14,018	—
Payable for fund shares repurchased	9,061,078	1,158,018	797,952	16,560,686
Payable upon return of securities loaned	13,968,922	—	—	—
Payable to affiliates				
Accounting and legal services fees	242,128	33,174	5,864	24,771
Trustees' fees	—	46	28	23
Other liabilities and accrued expenses	245,104	29,099	17,448	25,717
Total liabilities	23,517,232	1,220,337	835,310	16,611,197
Net assets	\$7,858,400,366	\$1,142,739,231	\$189,386,241	\$854,290,979
Net assets consist of				
Paid-in capital	\$3,004,795,900	\$894,415,137	\$135,004,176	\$580,771,531
Total distributable earnings (loss)	4,853,604,466	248,324,094	54,382,065	273,519,448
Net assets	\$7,858,400,366	\$1,142,739,231	\$189,386,241	\$854,290,979
Unaffiliated investments, including repurchase agreements, at cost	\$2,895,262,443	\$1,096,795,278	\$177,362,248	\$778,969,020
Affiliated investments, at cost	\$306,536,023	—	—	—
Securities loaned, at value	\$13,682,470	—	—	—
Net asset value per share				
The portfolios have an unlimited number of shares authorized with par value of \$0.01 per share. Net asset value is calculated by dividing the net assets of each class of shares by the number of outstanding shares in the class.				
Series I				
Net assets	\$5,246,192,310	\$327,912,402	\$46,412,165	\$235,657,047
Shares outstanding	110,443,578	32,024,327	2,939,327	14,119,091
Net asset value, offering price and redemption price per share	\$47.50	\$10.24	\$15.79	\$16.69
Series II				
Net assets	\$77,753,263	\$713,358,521	\$116,322,670	\$534,493,915
Shares outstanding	1,637,779	69,678,445	7,412,846	32,521,924
Net asset value, offering price and redemption price per share	\$47.47	\$10.24	\$15.69	\$16.43
Series III				
Net assets	—	\$101,468,308	\$26,651,406	\$84,140,017
Shares outstanding	—	9,881,006	1,677,919	5,071,471
Net asset value, offering price and redemption price per share	—	\$10.27	\$15.88	\$16.59
Series NAV				
Net assets	\$2,534,454,793	—	—	—
Shares outstanding	53,346,571	—	—	—
Net asset value, offering price and redemption price per share	\$47.51	—	—	—

John Hancock Variable Insurance Trust

Statements of assets and liabilities — June 30, 2023 (unaudited)

	American Growth-Income Trust	American International Trust	Blue Chip Growth Trust	Capital Appreciation Trust
Assets				
Unaffiliated investments, at value (including securities loaned)	\$873,472,667	\$359,523,120	\$1,715,473,581	\$531,421,893
Affiliated investments, at value	—	—	1,123,356	—
Total investments, at value	873,472,667	359,523,120	1,716,596,937	531,421,893
Foreign currency, at value	—	—	—	673
Dividends and interest receivable	—	—	319,060	163,311
Receivable for fund shares sold	—	4,202,039	—	—
Receivable for investments sold	11,188,526	—	2,962,239	3,451,371
Receivable for securities lending income	—	—	1,496	355
Other assets	39,338	18,593	72,551	20,473
Total assets	884,700,531	363,743,752	1,719,952,283	535,058,076
Liabilities				
Due to custodian	—	31,091	18,701	—
Payable for investments purchased	—	4,183,272	1,492,237	2,043,920
Payable for fund shares repurchased	11,147,837	—	1,622,026	314,688
Payable upon return of securities loaned	—	—	1,123,700	—
Payable to affiliates				
Accounting and legal services fees	26,762	10,970	51,922	16,280
Trustees' fees	—	27	46	—
Other liabilities and accrued expenses	25,864	21,429	86,792	46,589
Total liabilities	11,200,463	4,246,789	4,395,424	2,421,477
Net assets	\$873,500,068	\$359,496,963	\$1,715,556,859	\$532,636,599
Net assets consist of				
Paid-in capital	\$618,115,380	\$358,374,362	\$1,113,363,682	\$386,987,052
Total distributable earnings (loss)	255,384,688	1,122,601	602,193,177	145,649,547
Net assets	\$873,500,068	\$359,496,963	\$1,715,556,859	\$532,636,599
Unaffiliated investments, including repurchase agreements, at cost	\$761,266,641	\$399,417,183	\$1,205,801,265	\$405,204,418
Affiliated investments, at cost	—	—	\$1,123,481	—
Foreign currency, at cost	—	—	—	\$672
Securities loaned, at value	—	—	\$1,097,301	—
Net asset value per share				
The portfolios have an unlimited number of shares authorized with par value of \$0.01 per share. Net asset value is calculated by dividing the net assets of each class of shares by the number of outstanding shares in the class.				
Series I				
Net assets	\$296,996,228	\$115,955,654	\$291,385,883	\$195,406,830
Shares outstanding	18,256,725	6,877,874	11,941,951	43,538,857
Net asset value, offering price and redemption price per share	\$16.27	\$16.86	\$24.40	\$4.49
Series II				
Net assets	\$403,647,031	\$215,400,253	\$97,633,751	\$59,884,384
Shares outstanding	24,968,533	12,791,043	4,329,746	17,379,671
Net asset value, offering price and redemption price per share	\$16.17	\$16.84	\$22.55	\$3.45
Series III				
Net assets	\$172,856,809	\$28,141,056	—	—
Shares outstanding	10,633,510	1,673,620	—	—
Net asset value, offering price and redemption price per share	\$16.26	\$16.81	—	—
Series NAV				
Net assets	—	—	\$1,326,537,225	\$277,345,385
Shares outstanding	—	—	54,150,835	60,913,104
Net asset value, offering price and redemption price per share	—	—	\$24.50	\$4.55

John Hancock Variable Insurance Trust

Statements of assets and liabilities — June 30, 2023 (unaudited)

	Capital Appreciation Value Trust	Disciplined Value International Trust	Emerging Markets Value Trust	Equity Income Trust
Assets				
Unaffiliated investments, at value (including securities loaned)	\$464,675,895	\$292,931,243	\$209,445,916	\$1,385,654,703
Affiliated investments, at value	—	727,342	232,338	1,813,652
Repurchase agreements, at value	2,216,000	—	—	—
Total investments, at value	466,891,895	293,658,585	209,678,254	1,387,468,355
Receivable for futures variation margin	—	—	9,816	—
Cash	194,785	8,461	1,003,504	—
Foreign currency, at value	25,309	924,746	1,124,464	545
Collateral held at broker for futures contracts	—	—	41,661	—
Dividends and interest receivable	1,353,339	894,093	1,707,271	3,155,395
Receivable for fund shares sold	—	51,856	19,806	—
Receivable for investments sold	720,740	—	244,267	540,310
Receivable for securities lending income	8,114	1,566	2,326	32,476
Other assets	21,751	9,278	7,879	58,023
Total assets	469,215,933	295,548,585	213,839,248	1,391,255,104
Liabilities				
Written options, at value	5,981,992	—	—	—
Foreign capital gains tax payable	—	—	729,330	—
Payable for investments purchased	8,214,736	598,390	117,083	904,751
Payable for fund shares repurchased	1,062,171	1,313	112,463	668,028
Payable upon return of securities loaned	—	727,741	232,609	1,813,850
Payable to affiliates				
Accounting and legal services fees	14,269	9,626	6,417	39,974
Trustees' fees	—	140	137	103
Other liabilities and accrued expenses	55,060	59,830	107,108	83,532
Total liabilities	15,328,228	1,397,040	1,305,147	3,510,238
Net assets	\$453,887,705	\$294,151,545	\$212,534,101	\$1,387,744,866
Net assets consist of				
Paid-in capital	\$378,546,026	\$258,314,345	\$256,772,188	\$973,825,386
Total distributable earnings (loss)	75,341,679	35,837,200	(44,238,087)	413,919,480
Net assets	\$453,887,705	\$294,151,545	\$212,534,101	\$1,387,744,866
Unaffiliated investments, including repurchase agreements, at cost	\$436,643,608	\$271,809,966	\$222,031,443	\$1,149,813,975
Affiliated investments, at cost	—	\$727,386	\$232,350	\$1,813,672
Foreign currency, at cost	\$24,982	\$927,139	\$1,127,995	\$535
Premiums received on written options	\$3,875,718	—	—	—
Securities loaned, at value	—	\$638,172	\$227,708	\$1,768,343
Net asset value per share				
The portfolios have an unlimited number of shares authorized with par value of \$0.01 per share. Net asset value is calculated by dividing the net assets of each class of shares by the number of outstanding shares in the class.				
Series I				
Net assets	\$7,395,549	\$76,071,378	\$6,368,643	\$211,444,671
Shares outstanding	627,534	5,145,641	663,356	14,825,581
Net asset value, offering price and redemption price per share	\$11.79	\$14.78	\$9.60	\$14.26
Series II				
Net assets	\$244,664,989	\$44,431,794	\$25,240,263	\$108,468,724
Shares outstanding	20,928,977	3,011,137	2,630,226	7,672,125
Net asset value, offering price and redemption price per share	\$11.69	\$14.76	\$9.60	\$14.14
Series NAV				
Net assets	\$201,827,167	\$173,648,373	\$180,925,195	\$1,067,831,471
Shares outstanding	17,189,489	11,850,104	18,872,588	75,434,928
Net asset value, offering price and redemption price per share	\$11.74	\$14.65	\$9.59	\$14.16

John Hancock Variable Insurance Trust

Statements of assets and liabilities — June 30, 2023 (unaudited)

	Financial Industries Trust	Fundamental All Cap Core Trust	Fundamental Large Cap Value Trust	Global Equity Trust
Assets				
Unaffiliated investments, at value (including securities loaned)	\$109,248,560	\$2,149,630,009	\$729,420,860	\$291,066,769
Affiliated investments, at value	2,591,461	23,578,406	29,195,835	—
Total investments, at value	111,840,021	2,173,208,415	758,616,695	291,066,769
Cash	8,698	—	—	—
Foreign currency, at value	49,402	26	—	268,953
Dividends and interest receivable	277,857	333,434	482,117	522,123
Receivable for fund shares sold	194	9,221	—	42,644
Receivable for investments sold	388,950	—	2,435,444	1,480,501
Receivable for securities lending income	7,245	—	—	—
Other assets	6,733	79,082	27,121	20,372
Total assets	112,579,100	2,173,630,178	761,561,377	293,401,362
Liabilities				
Payable for investments purchased	164	15,419,052	2,446,919	13,242
Payable for fund shares repurchased	156,813	668,551	2,147,334	1,791,569
Payable to affiliates				
Accounting and legal services fees	2,312	62,130	22,577	9,224
Trustees' fees	63	—	—	168
Other liabilities and accrued expenses	19,677	87,046	42,386	56,750
Total liabilities	179,029	16,236,779	4,659,216	1,870,953
Net assets	\$112,400,071	\$2,157,393,399	\$756,902,161	\$291,530,409
Net assets consist of				
Paid-in capital	\$111,524,803	\$1,092,017,148	\$484,957,317	\$241,628,525
Total distributable earnings (loss)	875,268	1,065,376,251	271,944,844	49,901,884
Net assets	\$112,400,071	\$2,157,393,399	\$756,902,161	\$291,530,409
Unaffiliated investments, including repurchase agreements, at cost	\$114,233,445	\$1,486,987,937	\$558,776,954	\$264,419,122
Affiliated investments, at cost	\$2,591,592	\$23,580,470	\$29,196,770	—
Foreign currency, at cost	\$49,218	\$26	—	\$268,953
Securities loaned, at value	—	—	—	—
Net asset value per share				
The portfolios have an unlimited number of shares authorized with par value of \$0.01 per share. Net asset value is calculated by dividing the net assets of each class of shares by the number of outstanding shares in the class.				
Series I				
Net assets	\$75,031,965	\$102,215,891	\$435,456,609	\$223,112,358
Shares outstanding	7,272,712	3,384,547	17,041,971	10,207,546
Net asset value, offering price and redemption price per share	\$10.32	\$30.20	\$25.55	\$21.86
Series II				
Net assets	\$13,520,549	\$46,900,899	\$149,263,928	\$21,589,354
Shares outstanding	1,328,293	1,561,556	5,791,678	995,915
Net asset value, offering price and redemption price per share	\$10.18	\$30.03	\$25.77	\$21.68
Series NAV				
Net assets	\$23,847,557	\$2,008,276,609	\$172,181,624	\$46,828,697
Shares outstanding	2,321,718	65,977,872	6,732,936	2,143,826
Net asset value, offering price and redemption price per share	\$10.27	\$30.44	\$25.57	\$21.84

John Hancock Variable Insurance Trust

Statements of assets and liabilities — June 30, 2023 (unaudited)

	Health Sciences Trust	International Equity Index Trust	International Small Company Trust	Lifestyle Balanced Portfolio
Assets				
Unaffiliated investments, at value (including securities loaned)	\$269,255,685	\$823,540,082	\$98,738,022	—
Affiliated investments, at value	—	1,559,575	1,373,669	\$942,858,787
Total investments, at value	269,255,685	825,099,657	100,111,691	942,858,787
Receivable for futures variation margin	—	266,255	3,630	—
Cash	—	100,837	659,477	—
Foreign currency, at value	5,708	3,919,606	228,480	—
Collateral held at broker for futures contracts	—	694,227	13,832	—
Dividends and interest receivable	194,333	4,368,058	355,919	—
Receivable for fund shares sold	35,087	42,842	18,188	247,454
Receivable for investments sold	471,128	435,518	96,593	—
Receivable for securities lending income	—	4,224	—	—
Receivable from affiliates	—	5,666	—	—
Other assets	207,028	38,611	5,841	43,161
Total assets	270,168,969	834,975,501	101,493,651	943,149,402
Liabilities				
Foreign capital gains tax payable	—	827,726	—	—
Payable for investments purchased	1,799,183	221,459	29,210	222,463
Payable for fund shares repurchased	66,779	328,876	12,820	6,360
Payable upon return of securities loaned	—	346,079	1,373,961	—
Payable to affiliates				
Accounting and legal services fees	8,535	26,390	3,136	28,469
Trustees' fees	23	345	96	—
Other liabilities and accrued expenses	54,462	163,064	64,475	33,227
Total liabilities	1,928,982	1,913,939	1,483,698	290,519
Net assets	\$268,239,987	\$833,061,562	\$100,009,953	\$942,858,883
Net assets consist of				
Paid-in capital	\$191,039,653	\$649,835,099	\$108,870,574	\$948,171,495
Total distributable earnings (loss)	77,200,334	183,226,463	(8,860,621)	(5,312,612)
Net assets	\$268,239,987	\$833,061,562	\$100,009,953	\$942,858,883
Unaffiliated investments, including repurchase agreements, at cost	\$216,975,549	\$649,861,406	\$112,929,217	—
Affiliated investments, at cost	—	\$1,576,981	\$1,373,801	\$1,020,432,509
Foreign currency, at cost	\$5,699	\$4,042,322	\$228,548	—
Securities loaned, at value	—	\$331,757	\$1,259,319	—
Net asset value per share				
The portfolios have an unlimited number of shares authorized with par value of \$0.01 per share. Net asset value is calculated by dividing the net assets of each class of shares by the number of outstanding shares in the class.				
Series I				
Net assets	\$60,729,503	\$318,717,000	\$18,946,012	\$36,321,521
Shares outstanding	2,505,592	17,777,334	1,520,803	2,673,776
Net asset value, offering price and redemption price per share	\$24.24	\$17.93	\$12.46	\$13.58
Series II				
Net assets	\$52,834,926	\$18,517,393	\$12,192,837	\$761,256,297
Shares outstanding	2,509,621	1,032,043	981,005	55,961,171
Net asset value, offering price and redemption price per share	\$21.05	\$17.94	\$12.43	\$13.60
Series NAV				
Net assets	\$154,675,558	\$495,827,169	\$68,871,104	\$145,281,065
Shares outstanding	6,219,223	27,661,987	5,523,933	10,704,794
Net asset value, offering price and redemption price per share	\$24.87	\$17.92	\$12.47	\$13.57

John Hancock Variable Insurance Trust

Statements of assets and liabilities — June 30, 2023 (unaudited)

	Lifestyle Conservative Portfolio	Lifestyle Growth Portfolio	Lifestyle Moderate Portfolio	Mid Cap Growth Trust
Assets				
Unaffiliated investments, at value (including securities loaned)	—	—	—	\$599,465,992
Affiliated investments, at value	\$168,521,119	\$5,126,998,606	\$286,625,450	19,151,025
Repurchase agreements, at value	—	—	—	9,700,000
Total investments, at value	168,521,119	5,126,998,606	286,625,450	628,317,017
Cash	—	—	—	49,325
Foreign currency, at value	—	487	—	—
Dividends and interest receivable	206	—	151	160,497
Receivable for fund shares sold	—	8,947	2,073	—
Receivable for investments sold	633,369	917,962	20,244	20,897,600
Receivable for securities lending income	—	—	—	79,394
Receivable from affiliates	168	—	119	—
Other assets	10,028	228,640	14,770	28,400
Total assets	169,164,890	5,128,154,642	286,662,807	649,532,233
Liabilities				
Payable for investments purchased	—	—	—	21,324,663
Payable for fund shares repurchased	629,761	820,565	16,625	505,106
Payable upon return of securities loaned	—	—	—	19,152,900
Payable to affiliates				
Accounting and legal services fees	5,061	153,473	8,431	17,252
Trustees' fees	42	—	34	49
Other liabilities and accrued expenses	26,689	79,730	27,648	46,301
Total liabilities	661,553	1,053,768	52,738	41,046,271
Net assets	\$168,503,337	\$5,127,100,874	\$286,610,069	\$608,485,962
Net assets consist of				
Paid-in capital	\$191,489,937	\$4,793,569,734	\$301,355,707	\$727,204,299
Total distributable earnings (loss)	(22,986,600)	333,531,140	(14,745,638)	(118,718,337)
Net assets	\$168,503,337	\$5,127,100,874	\$286,610,069	\$608,485,962
Unaffiliated investments, including repurchase agreements, at cost	—	—	—	\$591,804,416
Affiliated investments, at cost	\$193,861,825	\$5,368,370,839	\$319,257,061	\$19,151,630
Foreign currency, at cost	—	\$489	—	—
Securities loaned, at value	—	—	—	\$18,769,842
Net asset value per share				
The portfolios have an unlimited number of shares authorized with par value of \$0.01 per share. Net asset value is calculated by dividing the net assets of each class of shares by the number of outstanding shares in the class.				
Series I				
Net assets	\$13,795,297	\$202,486,615	\$12,700,755	\$137,168,778
Shares outstanding	1,194,347	13,925,155	990,703	16,484,981
Net asset value, offering price and redemption price per share	\$11.55	\$14.54	\$12.82	\$8.32
Series II				
Net assets	\$147,878,743	\$4,381,350,533	\$232,360,004	\$63,456,587
Shares outstanding	12,795,698	301,232,739	18,099,640	9,749,555
Net asset value, offering price and redemption price per share	\$11.56	\$14.54	\$12.84	\$6.51
Series NAV				
Net assets	\$6,829,297	\$543,263,726	\$41,549,310	\$407,860,597
Shares outstanding	591,747	37,375,738	3,241,547	46,680,990
Net asset value, offering price and redemption price per share	\$11.54	\$14.54	\$12.82	\$8.74

John Hancock Variable Insurance Trust

Statements of assets and liabilities — June 30, 2023 (unaudited)

Assets	Mid Cap Index Trust	Mid Value Trust	Real Estate Securities Trust	Science & Technology Trust
Unaffiliated investments, at value (including securities loaned)	\$1,132,381,287	\$610,722,238	\$290,196,536	\$859,729,547
Affiliated investments, at value	73,382,086	4,961,171	—	1,008,461
Total investments, at value	1,205,763,373	615,683,409	290,196,536	860,738,008
Receivable for futures variation margin	229,322	—	—	—
Cash	—	15,886	—	930
Foreign currency, at value	—	—	—	474
Collateral held at broker for futures contracts	2,700,000	—	—	—
Dividends and interest receivable	1,402,210	1,129,875	1,022,279	264,759
Receivable for fund shares sold	—	174,039	5,930	16,208
Receivable for investments sold	—	3,147,087	7,732,552	7,116,235
Receivable for securities lending income	17,688	10,559	—	2,634
Other assets	46,854	22,150	13,915	33,782
Total assets	1,210,159,447	620,183,005	298,971,212	868,173,030
Liabilities				
Payable for investments purchased	—	3,162,173	7,951,174	1,083,560
Payable for fund shares repurchased	929,320	1,241,969	19,840	269,713
Payable upon return of securities loaned	32,347,935	4,962,700	—	1,008,725
Payable to affiliates				
Accounting and legal services fees	31,690	17,402	7,448	27,147
Trustees' fees	152	12	145	—
Other liabilities and accrued expenses	67,755	38,360	28,883	103,466
Total liabilities	33,376,852	9,422,616	8,007,490	2,492,611
Net assets	\$1,176,782,595	\$610,760,389	\$290,963,722	\$865,680,419
Net assets consist of				
Paid-in capital	\$884,141,121	\$447,970,539	\$280,619,428	\$869,401,887
Total distributable earnings (loss)	292,641,474	162,789,850	10,344,294	(3,721,468)
Net assets	\$1,176,782,595	\$610,760,389	\$290,963,722	\$865,680,419
Unaffiliated investments, including repurchase agreements, at cost	\$923,724,785	\$547,824,854	\$279,621,417	\$743,478,607
Affiliated investments, at cost	\$73,387,684	\$4,961,331	—	\$1,008,508
Foreign currency, at cost	—	—	—	\$489
Securities loaned, at value	\$31,670,600	\$4,802,031	—	\$987,373
Net asset value per share				
The portfolios have an unlimited number of shares authorized with par value of \$0.01 per share. Net asset value is calculated by dividing the net assets of each class of shares by the number of outstanding shares in the class.				
Series I				
Net assets	\$870,109,932	\$227,817,943	\$51,999,833	\$661,067,932
Shares outstanding	44,214,555	21,056,077	2,821,385	40,474,880
Net asset value, offering price and redemption price per share	\$19.68	\$10.82	\$18.43	\$16.33
Series II				
Net assets	\$55,561,563	\$52,500,997	\$26,056,666	\$57,228,864
Shares outstanding	2,847,943	4,850,485	1,416,199	4,249,593
Net asset value, offering price and redemption price per share	\$19.51	\$10.82	\$18.40	\$13.47
Series NAV				
Net assets	\$251,111,100	\$330,441,449	\$212,907,223	\$147,383,623
Shares outstanding	12,758,748	30,814,166	11,642,763	8,650,703
Net asset value, offering price and redemption price per share	\$19.68	\$10.72	\$18.29	\$17.04

John Hancock Variable Insurance Trust

Statements of assets and liabilities — June 30, 2023 (unaudited)

	Small Cap Index Trust	Small Cap Opportunities Trust	Small Cap Stock Trust	Small Cap Value Trust
Assets				
Unaffiliated investments, at value (including securities loaned)	\$496,099,029	\$159,665,959	\$269,721,699	\$437,440,332
Affiliated investments, at value	28,530,158	652,599	8,815,245	1,370,131
Repurchase agreements, at value	—	—	2,400,000	8,200,000
Total investments, at value	524,629,187	160,318,558	280,936,944	447,010,463
Receivable for futures variation margin	61,972	—	—	—
Cash	10,384	—	9,729	37,832
Foreign currency, at value	—	—	9	49
Collateral held at broker for futures contracts	1,883,100	—	—	—
Dividends and interest receivable	584,226	104,273	110,131	643,888
Receivable for fund shares sold	116,750	20,668	130,399	3,526
Receivable for investments sold	123,246	178,545	40,037	2,403,699
Receivable for securities lending income	55,870	464	20,635	9,791
Other assets	22,341	7,008	13,419	18,074
Total assets	527,487,076	160,629,516	281,261,303	450,127,322
Liabilities				
Due to custodian	—	80	—	—
Payable for investments purchased	—	256,984	55,191	1,435,391
Payable for fund shares repurchased	515,863	15,655	44,328	619,033
Payable upon return of securities loaned	9,556,109	650,630	8,814,800	1,372,075
Payable to affiliates				
Accounting and legal services fees	13,631	4,210	7,597	12,113
Trustees' fees	123	56	88	77
Other liabilities and accrued expenses	34,688	38,186	41,465	47,852
Total liabilities	10,120,414	965,801	8,963,469	3,486,541
Net assets	\$517,366,662	\$159,663,715	\$272,297,834	\$446,640,781
Net assets consist of				
Paid-in capital	\$434,072,677	\$120,777,580	\$318,506,927	\$386,220,444
Total distributable earnings (loss)	83,293,985	38,886,135	(46,209,093)	60,420,337
Net assets	\$517,366,662	\$159,663,715	\$272,297,834	\$446,640,781
Unaffiliated investments, including repurchase agreements, at cost	\$434,867,014	\$139,739,755	\$247,634,900	\$425,443,005
Affiliated investments, at cost	\$28,533,821	\$652,631	\$8,815,780	\$1,370,207
Foreign currency, at cost	—	—	\$9	\$49
Securities loaned, at value	\$11,895,464	\$636,338	\$8,604,527	\$1,333,425
Net asset value per share				
The portfolios have an unlimited number of shares authorized with par value of \$0.01 per share. Net asset value is calculated by dividing the net assets of each class of shares by the number of outstanding shares in the class.				
Series I				
Net assets	\$357,542,145	\$80,928,344	\$74,098,801	\$129,896,838
Shares outstanding	28,629,321	2,938,933	13,400,455	9,308,901
Net asset value, offering price and redemption price per share	\$12.49	\$27.54	\$5.53	\$13.95
Series II				
Net assets	\$26,471,477	\$28,128,514	\$20,996,893	\$19,560,619
Shares outstanding	2,140,317	1,052,732	4,470,193	1,416,964
Net asset value, offering price and redemption price per share	\$12.37	\$26.72	\$4.70	\$13.80
Series NAV				
Net assets	\$133,353,040	\$50,606,857	\$177,202,140	\$297,183,324
Shares outstanding	10,657,408	1,854,438	30,916,211	21,412,097
Net asset value, offering price and redemption price per share	\$12.51	\$27.29	\$5.73	\$13.88

John Hancock Variable Insurance Trust

Statements of assets and liabilities — June 30, 2023 (unaudited)

	Small Company Value Trust	Strategic Equity Allocation Trust	Total Stock Market Index Trust
Assets			
Unaffiliated investments, at value (including securities loaned)	\$125,635,867	\$7,012,661,612	\$746,312,258
Affiliated investments, at value	2,076,613	309,319,830	18,416,202
Total investments, at value	127,712,480	7,321,981,442	764,728,460
Receivable for futures variation margin	—	3,286,688	154,243
Cash	3,081	47,884	3,957
Foreign currency, at value	—	3,085,815	101
Collateral held at broker for futures contracts	—	24,980,700	1,115,800
Dividends and interest receivable	105,053	16,565,393	535,665
Receivable for fund shares sold	8,766	—	82,533
Receivable for investments sold	269,029	105,476	12,462
Receivable for securities lending income	794	39,507	13,669
Other assets	6,625	272,841	29,488
Total assets	128,105,828	7,370,365,746	766,676,378
Liabilities			
Payable for investments purchased	655,640	1,655	—
Payable for fund shares repurchased	30,750	3,406,786	453,392
Payable upon return of securities loaned	2,076,635	48,196,512	5,194,793
Payable to affiliates			
Accounting and legal services fees	3,045	218,941	22,268
Trustees' fees	91	—	34
Other liabilities and accrued expenses	35,125	299,751	40,762
Total liabilities	2,801,286	52,123,645	5,711,249
Net assets	\$125,304,542	\$7,318,242,101	\$760,965,129
Net assets consist of			
Paid-in capital	\$97,992,259	\$3,358,687,393	\$285,802,504
Total distributable earnings (loss)	27,312,283	3,959,554,708	475,162,625
Net assets	\$125,304,542	\$7,318,242,101	\$760,965,129
Unaffiliated investments, including repurchase agreements, at cost	\$108,083,261	\$3,754,208,048	\$332,163,059
Affiliated investments, at cost	\$2,076,572	\$309,353,287	\$18,419,969
Foreign currency, at cost	—	\$3,075,467	\$103
Securities loaned, at value	\$2,031,579	\$46,035,938	\$5,074,704
Net asset value per share			
The portfolios have an unlimited number of shares authorized with par value of \$0.01 per share. Net asset value is calculated by dividing the net assets of each class of shares by the number of outstanding shares in the class.			
Series I			
Net assets	\$42,147,348	—	\$488,010,369
Shares outstanding	4,622,848	—	20,181,083
Net asset value, offering price and redemption price per share	\$9.12	—	\$24.18
Series II			
Net assets	\$31,157,438	—	\$43,422,805
Shares outstanding	3,635,706	—	1,808,106
Net asset value, offering price and redemption price per share	\$8.57	—	\$24.02
Series NAV			
Net assets	\$51,999,756	\$7,318,242,101	\$229,531,955
Shares outstanding	5,743,153	422,193,269	9,491,398
Net asset value, offering price and redemption price per share	\$9.05	\$17.33	\$24.18

John Hancock Variable Insurance Trust

Statements of operations — For the six months ended June 30, 2023 (unaudited)

	500 Index Trust	American Asset Allocation Trust	American Global Growth Trust	American Growth Trust
Investment income				
Dividends from unaffiliated investments	\$58,786,338	\$5,721,302	\$517,163	\$1,579,272
Dividends from affiliated investments	5,590,625	—	—	—
Interest	285,601	—	—	—
Securities lending	15,976	—	—	—
Less foreign taxes withheld	(15,989)	—	—	—
Total investment income	64,662,551	5,721,302	517,163	1,579,272
Expenses				
Investment management fees	16,455,990	—	—	—
Distribution and service fees	1,276,171	3,711,750	598,347	2,634,617
Accounting and legal services fees	630,449	95,685	16,141	70,005
Trustees' fees	83,535	13,895	2,254	9,389
Custodian fees	399,156	5,940	5,926	5,979
Printing and postage	53,135	19,548	10,564	15,640
Professional fees	80,468	21,546	12,376	18,151
Other	90,359	15,659	6,493	12,642
Total expenses	19,069,263	3,884,023	652,101	2,766,423
Less expense reductions	(8,862,048)	(250,745)	(53,182)	(258,111)
Net expenses	10,207,215	3,633,278	598,919	2,508,312
Net investment income (loss)	54,455,336	2,088,024	(81,756)	(929,040)
Realized and unrealized gain (loss)				
Net realized gain (loss) on				
Unaffiliated investments and foreign currency transactions	23,780,012	23,157,557	3,761,129	19,551,780
Affiliated investments	98,002	—	—	—
Capital gain distributions received from unaffiliated investments	—	43,052,672	13,944,784	46,371,911
Futures contracts	16,486,536	—	—	—
	40,364,550	66,210,229	17,705,913	65,923,691
Change in net unrealized appreciation (depreciation) of				
Unaffiliated investments and translation of assets and liabilities in foreign currencies	1,011,547,577	5,162,721	8,325,543	112,417,256
Affiliated investments	(128,325)	—	—	—
Futures contracts	16,488,463	—	—	—
	1,027,907,715	5,162,721	8,325,543	112,417,256
Net realized and unrealized gain (loss)	1,068,272,265	71,372,950	26,031,456	178,340,947
Increase in net assets from operations	\$1,122,727,601	\$73,460,974	\$25,949,700	\$177,411,907

John Hancock Variable Insurance Trust

Statements of operations — For the six months ended June 30, 2023 (unaudited)

	American Growth-Income Trust	American International Trust	Blue Chip Growth Trust	Capital Appreciation Trust
Investment income				
Dividends from unaffiliated investments	\$3,035,422	\$861,461	\$4,829,176	\$1,650,266
Interest	—	—	271,557	41,753
Securities lending	—	—	2,227	776
Less foreign taxes withheld	—	—	(29,786)	(54,936)
Total investment income	3,035,422	861,461	5,073,174	1,637,859
Expenses				
Investment management fees	—	—	5,659,684	1,674,212
Distribution and service fees	2,493,680	1,167,114	172,567	108,578
Accounting and legal services fees	72,534	30,267	141,122	42,490
Trustees' fees	10,081	4,286	17,914	5,287
Custodian fees	5,959	5,935	96,625	35,647
Printing and postage	16,644	10,279	18,996	13,456
Professional fees	18,637	13,999	32,045	27,315
Other	12,772	8,098	31,370	14,212
Total expenses	2,630,307	1,239,978	6,170,323	1,921,197
Less expense reductions	(166,150)	(33,978)	(266,556)	(17,002)
Net expenses	2,464,157	1,206,000	5,903,767	1,904,195
Net investment income (loss)	571,265	(344,539)	(830,593)	(266,336)
Realized and unrealized gain (loss)				
Net realized gain (loss) on				
Unaffiliated investments and foreign currency transactions	6,138,264	291,829	110,762,067	14,321,848
Affiliated investments	—	—	(390)	433
Capital gain distributions received from unaffiliated investments	44,729,203	—	—	—
	50,867,467	291,829	110,761,677	14,322,281
Change in net unrealized appreciation (depreciation) of				
Unaffiliated investments and translation of assets and liabilities in foreign currencies	62,812,006	40,225,870	360,916,367	134,444,684
Affiliated investments	—	—	(390)	28
	62,812,006	40,225,870	360,915,977	134,444,712
Net realized and unrealized gain (loss)	113,679,473	40,517,699	471,677,654	148,766,993
Increase in net assets from operations	\$114,250,738	\$40,173,160	\$470,847,061	\$148,500,657

John Hancock Variable Insurance Trust

Statements of operations — For the six months ended June 30, 2023 (unaudited)

	Capital Appreciation Value Trust	Disciplined Value International Trust	Emerging Markets Value Trust	Equity Income Trust
Investment income				
Interest	\$3,868,471	\$9,880	\$12,663	\$345,211
Dividends from unaffiliated investments	2,670,027	6,389,763	5,342,490	21,376,381
Securities lending	12,998	44,835	6,979	38,957
Less foreign taxes withheld	(22,003)	(729,581)	(604,557)	(1,004,090)
Total investment income	6,529,493	5,714,897	4,757,575	20,756,459
Expenses				
Investment management fees	1,809,188	1,026,803	872,990	4,704,758
Distribution and service fees	298,916	72,840	34,241	190,311
Accounting and legal services fees	38,161	24,318	18,225	116,091
Trustees' fees	5,218	3,256	2,577	16,990
Custodian fees	38,142	48,818	105,107	95,249
Printing and postage	11,619	12,804	14,290	20,858
Professional fees	32,012	28,598	25,743	36,358
Other	15,623	12,011	15,637	25,597
Total expenses	2,248,879	1,229,448	1,088,810	5,206,212
Less expense reductions	(95,471)	(10,129)	(7,594)	(206,758)
Net expenses	2,153,408	1,219,319	1,081,216	4,999,454
Net investment income	4,376,085	4,495,578	3,676,359	15,757,005
Realized and unrealized gain (loss)				
Net realized gain (loss) on				
Unaffiliated investments and foreign currency transactions	(1,288,004)	12,367,134	226,673	37,648,751
Affiliated investments	(435)	(355)	(259)	(541)
Futures contracts	—	—	45,884	—
Written options	1,531,503	—	—	—
	243,064	12,366,779	272,298	37,648,210
Change in net unrealized appreciation (depreciation) of				
Unaffiliated investments and translation of assets and liabilities in foreign currencies	44,674,171	15,349,550	12,312,370 ¹	(19,753,143)
Affiliated investments	—	(44)	(12)	518
Futures contracts	—	—	4,727	—
Written options	(3,660,006)	—	—	—
	41,014,165	15,349,506	12,317,085	(19,752,625)
Net realized and unrealized gain (loss)	41,257,229	27,716,285	12,589,383	17,895,585
Increase in net assets from operations	\$45,633,314	\$32,211,863	\$16,265,742	\$33,652,590

¹ Net of \$158,118 increase in deferred foreign withholding taxes.

John Hancock Variable Insurance Trust

Statements of operations — For the six months ended June 30, 2023 (unaudited)

	Financial Industries Trust	Fundamental All Cap Core Trust	Fundamental Large Cap Value Trust	Global Equity Trust
Investment income				
Dividends from unaffiliated investments	\$1,882,082	\$11,412,436	\$7,362,217	\$4,118,888
Interest	71,161	—	—	64,114
Dividends from affiliated investments	35,302	527,959	389,620	—
Securities lending	7,481	—	—	—
Less foreign taxes withheld	(63,744)	(219,723)	(253,410)	(375,175)
Total investment income	1,932,282	11,720,672	7,498,427	3,807,827
Expenses				
Investment management fees	477,141	6,771,872	2,513,878	1,127,158
Distribution and service fees	38,890	78,337	287,413	80,396
Accounting and legal services fees	9,632	174,516	62,903	24,470
Trustees' fees	1,652	23,415	8,893	3,439
Custodian fees	16,993	123,190	51,177	42,629
Printing and postage	9,873	19,509	14,583	14,946
Professional fees	18,014	33,799	22,611	30,737
Other	11,206	30,754	16,099	14,383
Total expenses	583,401	7,255,392	2,977,557	1,338,158
Less expense reductions	(4,712)	(77,224)	(40,841)	(10,207)
Net expenses	578,689	7,178,168	2,936,716	1,327,951
Net investment income	1,353,593	4,542,504	4,561,711	2,479,876
Realized and unrealized gain (loss)				
Net realized gain (loss) on				
Unaffiliated investments and foreign currency transactions	(720,880)	136,022,022	40,439,436	9,638,088
Affiliated investments	1,547	1,921	(2,741)	—
	(719,333)	136,023,943	40,436,695	9,638,088
Change in net unrealized appreciation (depreciation) of				
Unaffiliated investments and translation of assets and liabilities in foreign currencies	(10,897,231)	260,886,137	44,691,000	20,433,067
Affiliated investments	(213)	(2,561)	(2,251)	—
	(10,897,444)	260,883,576	44,688,749	20,433,067
Net realized and unrealized gain (loss)	(11,616,777)	396,907,519	85,125,444	30,071,155
Increase (decrease) in net assets from operations	\$(10,263,184)	\$401,450,023	\$89,687,155	\$32,551,031

John Hancock Variable Insurance Trust

Statements of operations — For the six months ended June 30, 2023 (unaudited)

	Health Sciences Trust	International Equity Index Trust	International Small Company Trust	Lifestyle Balanced Portfolio
Investment income				
Dividends from unaffiliated investments	\$1,022,304	\$16,535,418	\$2,163,788	—
Interest	28,271	258,879	10,274	—
Dividends from affiliated investments	—	30,292	—	—
Securities lending	—	49,367	21,841	—
Less foreign taxes withheld	(8,748)	(1,844,848)	(220,667)	—
Total investment income	1,041,827	15,029,108	1,975,236	—
Expenses				
Investment management fees	1,226,001	2,129,532	404,247	\$191,332
Distribution and service fees	82,115	99,402	20,031	943,218
Accounting and legal services fees	23,302	70,917	8,725	80,173
Trustees' fees	3,370	9,717	1,271	11,160
Custodian fees	22,825	153,619	40,652	10,740
Printing and postage	10,555	13,562	9,410	19,143
Professional fees	36,514	40,616	25,181	27,389
Other	7,254	30,198	11,541	12,650
Total expenses	1,411,936	2,547,563	521,058	1,295,805
Less expense reductions	(69,629)	(1,058,893)	(3,661)	(22,046)
Net expenses	1,342,307	1,488,670	517,397	1,273,759
Net investment income (loss)	(300,480)	13,540,438	1,457,839	(1,273,759)
Realized and unrealized gain (loss)				
Net realized gain (loss) on				
Unaffiliated investments and foreign currency transactions	12,629,645	(323,277)	760,689	293
Affiliated investments	—	(5,152)	(159)	(3,842,519)
Futures contracts	—	297,185	54,069	—
	12,629,645	(31,244)	814,599	(3,842,226)
Change in net unrealized appreciation (depreciation) of				
Unaffiliated investments and translation of assets and liabilities in foreign currencies	(8,008,035)	62,694,298	3,972,569	—
Affiliated investments	—	74,726	(132)	77,269,136
Futures contracts	—	416,521	7,387	—
	(8,008,035)	63,185,545	3,979,824	77,269,136
Net realized and unrealized gain (loss)	4,621,610	63,154,301	4,794,423	73,426,910
Increase in net assets from operations	\$4,321,130	\$76,694,739	\$6,252,262	\$72,153,151

John Hancock Variable Insurance Trust

Statements of operations — For the six months ended June 30, 2023 (unaudited)

	Lifestyle Conservative Portfolio	Lifestyle Growth Portfolio	Lifestyle Moderate Portfolio	Mid Cap Growth Trust
Investment income				
Dividends from affiliated investments	\$873	\$604	\$618	—
Dividends from unaffiliated investments	—	—	—	\$1,380,839
Interest	—	—	—	238,850
Securities lending	—	—	—	158,583
Total investment income	873	604	618	1,778,272
Expenses				
Investment management fees	34,754	1,034,398	58,194	2,408,722
Distribution and service fees	185,739	5,393,620	288,037	109,185
Accounting and legal services fees	14,543	432,756	24,352	50,154
Trustees' fees	2,076	60,412	3,438	6,878
Custodian fees	10,730	10,674	10,747	39,111
Printing and postage	10,801	63,175	11,914	11,976
Professional fees	19,571	61,670	20,547	31,065
Other	6,662	46,947	7,466	20,690
Total expenses	284,876	7,103,652	424,695	2,677,781
Less expense reductions	(34,913)	(119,214)	(29,046)	(20,930)
Net expenses	249,963	6,984,438	395,649	2,656,851
Net investment loss	(249,090)	(6,983,834)	(395,031)	(878,579)
Realized and unrealized gain (loss)				
Net realized gain (loss) on				
Unaffiliated investments and foreign currency transactions	—	700	—	(18,975,523)
Affiliated investments	(1,710,671)	(17,900,243)	(642,070)	(3,425)
	(1,710,671)	(17,899,543)	(642,070)	(18,978,948)
Change in net unrealized appreciation (depreciation) of				
Unaffiliated investments and translation of assets and liabilities in foreign currencies	—	(11)	—	99,092,616
Affiliated investments	9,828,181	523,069,596	20,066,054	(331)
	9,828,181	523,069,585	20,066,054	99,092,285
Net realized and unrealized gain (loss)	8,117,510	505,170,042	19,423,984	80,113,337
Increase in net assets from operations	\$7,868,420	\$498,186,208	\$19,028,953	\$79,234,758

John Hancock Variable Insurance Trust

Statements of operations — For the six months ended June 30, 2023 (unaudited)

	Mid Cap Index Trust	Mid Value Trust	Real Estate Securities Trust	Science & Technology Trust
Investment income				
Dividends from unaffiliated investments	\$9,823,515	\$6,714,255	\$4,889,248	\$2,553,223
Dividends from affiliated investments	610,791	—	—	—
Interest	47,593	1,850	75,339	3,842
Securities lending	128,897	15,003	82	13,370
Less foreign taxes withheld	—	(50,328)	—	(33,786)
Total investment income	10,610,796	6,680,780	4,964,669	2,536,649
Expenses				
Investment management fees	2,699,895	2,586,422	1,010,981	3,558,271
Distribution and service fees	281,213	120,768	46,478	205,158
Accounting and legal services fees	96,040	50,073	25,081	68,100
Trustees' fees	14,177	7,160	3,656	8,038
Custodian fees	72,809	40,779	21,818	87,816
Printing and postage	15,717	12,595	10,577	13,112
Professional fees	33,027	23,937	19,659	28,703
Other	21,957	21,503	11,060	16,663
Total expenses	3,234,835	2,863,237	1,149,310	3,985,861
Less expense reductions	(620,005)	(142,223)	(10,466)	(207,286)
Net expenses	2,614,830	2,721,014	1,138,844	3,778,575
Net investment income (loss)	7,995,966	3,959,766	3,825,825	(1,241,926)
Realized and unrealized gain (loss)				
Net realized gain (loss) on				
Unaffiliated investments and foreign currency transactions	11,831,551	21,916,546	(12,573,161)	44,871,008
Affiliated investments	5,079	(4,187)	28	234
Futures contracts	2,091,932	—	—	—
	13,928,562	21,912,359	(12,573,133)	44,871,242
Change in net unrealized appreciation (depreciation) of				
Unaffiliated investments and translation of assets and liabilities in foreign currencies	72,211,356	24,122,947	24,761,667	203,208,803
Affiliated investments	(11,286)	(964)	—	(239)
Futures contracts	1,269,767	—	—	—
	73,469,837	24,121,983	24,761,667	203,208,564
Net realized and unrealized gain (loss)	87,398,399	46,034,342	12,188,534	248,079,806
Increase in net assets from operations	\$95,394,365	\$49,994,108	\$16,014,359	\$246,837,880

John Hancock Variable Insurance Trust

Statements of operations — For the six months ended June 30, 2023 (unaudited)

	Small Cap Index Trust	Small Cap Opportunities Trust	Small Cap Stock Trust	Small Cap Value Trust
Investment income				
Dividends from unaffiliated investments	\$4,051,838	\$1,144,004	\$1,075,379	\$4,422,268
Dividends from affiliated investments	484,728	—	—	—
Interest	36,610	30,772	68,883	197,476
Securities lending	305,206	2,571	34,969	19,147
Less foreign taxes withheld	(5,163)	(1,248)	—	(198)
Total investment income	4,873,219	1,176,099	1,179,231	4,638,693
Expenses				
Investment management fees	1,219,010	772,481	1,296,419	2,076,131
Distribution and service fees	119,771	54,692	43,043	59,441
Accounting and legal services fees	42,225	12,660	22,071	37,170
Trustees' fees	6,221	1,936	3,169	5,423
Custodian fees	36,173	21,912	20,704	31,568
Printing and postage	11,799	9,799	10,984	11,745
Professional fees	21,196	23,931	29,557	29,010
Other	15,508	9,830	14,705	13,820
Total expenses	1,471,903	907,241	1,440,652	2,264,308
Less expense reductions	(147,965)	(200,581)	(9,305)	(16,002)
Net expenses	1,323,938	706,660	1,431,347	2,248,306
Net investment income (loss)	3,549,281	469,439	(252,116)	2,390,387
Realized and unrealized gain (loss)				
Net realized gain (loss) on				
Unaffiliated investments and foreign currency transactions	9,142,123	4,773,726	(4,443,388)	5,420,824
Affiliated investments	7,004	150	59	(1,905)
Futures contracts	145,499	—	—	—
	9,294,626	4,773,876	(4,443,329)	5,418,919
Change in net unrealized appreciation (depreciation) of				
Unaffiliated investments and translation of assets and liabilities in foreign currencies	24,774,014	5,532,234	29,418,373	7,615,544
Affiliated investments	(9,804)	(246)	(591)	(75)
Futures contracts	690,489	—	—	—
	25,454,699	5,531,988	29,417,782	7,615,469
Net realized and unrealized gain (loss)	34,749,325	10,305,864	24,974,453	13,034,388
Increase in net assets from operations	\$38,298,606	\$10,775,303	\$24,722,337	\$15,424,775

John Hancock Variable Insurance Trust

Statements of operations — For the six months ended June 30, 2023 (unaudited)

	Small Company Value Trust	Strategic Equity Allocation Trust	Total Stock Market Index Trust
Investment income			
Dividends from unaffiliated investments	\$1,106,765	\$90,081,741	\$5,722,191
Interest	380	477,693	28,252
Dividends from affiliated investments	—	4,430,620	340,654
Securities lending	10,355	544,474	102,378
Less foreign taxes withheld	(4,782)	(5,288,740)	(241)
Total investment income	1,112,718	90,245,788	6,193,234
Expenses			
Investment management fees	672,031	22,298,243	1,683,388
Distribution and service fees	49,700	—	164,313
Accounting and legal services fees	10,507	611,443	61,715
Trustees' fees	1,657	85,753	8,448
Custodian fees	13,259	591,893	46,346
Printing and postage	9,691	27,029	13,125
Professional fees	24,024	95,240	23,167
Other	8,525	93,018	17,706
Total expenses	789,394	23,802,619	2,018,208
Less expense reductions	(41,558)	(4,938,648)	(275,094)
Net expenses	747,836	18,863,971	1,743,114
Net investment income	364,882	71,381,817	4,450,120
Realized and unrealized gain (loss)			
Net realized gain (loss) on			
Unaffiliated investments and foreign currency transactions	1,065,416	262,082,054	9,474,198
Affiliated investments	(121)	49,867	2,744
Futures contracts	—	15,910,324	1,471,233
	1,065,295	278,042,245	10,948,175
Change in net unrealized appreciation (depreciation) of			
Unaffiliated investments and translation of assets and liabilities in foreign currencies	3,065,144	579,998,758	90,868,635
Affiliated investments	17	(72,503)	(4,787)
Futures contracts	—	8,408,335	616,542
	3,065,161	588,334,590	91,480,390
Net realized and unrealized gain (loss)	4,130,456	866,376,835	102,428,565
Increase in net assets from operations	\$4,495,338	\$937,758,652	\$106,878,685

John Hancock Variable Insurance Trust

Statements of changes in net assets

	500 Index Trust		American Asset Allocation Trust		American Global Growth Trust	
	Six months ended 6-30-23 (unaudited)	Year ended 12-31-22	Six months ended 6-30-23 (unaudited)	Year ended 12-31-22	Six months ended 6-30-23 (unaudited)	Year ended 12-31-22
Increase (decrease) in net assets						
From operations						
Net investment income (loss)	\$54,455,336	\$96,466,506	\$2,088,024	\$17,640,018	\$(81,756)	\$534,170
Net realized gain	40,364,550	119,132,614	66,210,229	176,350,761	17,705,913	26,214,871
Change in net unrealized appreciation (depreciation)	1,027,907,715	(1,759,988,383)	5,162,721	(386,605,593)	8,325,543	(89,065,652)
Increase (decrease) in net assets resulting from operations	1,122,727,601	(1,544,389,263)	73,460,974	(192,614,814)	25,949,700	(62,316,611)
Distributions to shareholders						
From earnings						
Series I	—	(220,115,753)	—	(47,761,065)	—	(5,954,595)
Series II	—	(3,310,509)	—	(108,390,376)	—	(17,068,768)
Series III	—	—	—	(15,723,998)	—	(3,836,268)
Series NAV	—	(116,518,291)	—	—	—	—
Total distributions	—	(339,944,553)	—	(171,875,439)	—	(26,859,631)
From portfolio share transactions						
Portfolio share transactions	24,302,742	154,891,651	(61,931,382)	72,553,791	(14,441,954)	16,539,222
Total increase (decrease)	1,147,030,343	(1,729,442,165)	11,529,592	(291,936,462)	11,507,746	(72,637,020)
Net assets						
Beginning of period	6,711,370,023	8,440,812,188	1,131,209,639	1,423,146,101	177,878,495	250,515,515
End of period	\$7,858,400,366	\$6,711,370,023	\$1,142,739,231	\$1,131,209,639	\$189,386,241	\$177,878,495
	American Growth Trust		American Growth-Income Trust		American International Trust	
	Six months ended 6-30-23 (unaudited)	Year ended 12-31-22	Six months ended 6-30-23 (unaudited)	Year ended 12-31-22	Six months ended 6-30-23 (unaudited)	Year ended 12-31-22
Increase (decrease) in net assets						
From operations						
Net investment income (loss)	\$(929,040)	\$(394,490)	\$571,265	\$8,121,069	\$(344,539)	\$4,827,996
Net realized gain	65,923,691	145,714,133	50,867,467	102,751,330	291,829	53,036,185
Change in net unrealized appreciation (depreciation)	112,417,256	(471,579,024)	62,812,006	(289,001,607)	40,225,870	(156,264,119)
Increase (decrease) in net assets resulting from operations	177,411,907	(326,259,381)	114,250,738	(178,129,208)	40,173,160	(98,399,938)
Distributions to shareholders						
From earnings						
Series I	—	(53,457,256)	—	(21,408,178)	—	(7,459,890)
Series II	—	(140,676,168)	—	(31,264,636)	—	(15,046,975)
Series III	—	(22,017,132)	—	(13,969,175)	—	(2,086,956)
Total distributions	—	(216,150,556)	—	(66,641,989)	—	(24,593,821)
From portfolio share transactions						
Portfolio share transactions	(68,059,753)	177,018,332	(51,960,335)	(34,921,893)	(19,386,828)	(12,691,721)
Total increase (decrease)	109,352,154	(365,391,605)	62,290,403	(279,693,090)	20,786,332	(135,685,480)
Net assets						
Beginning of period	744,938,825	1,110,330,430	811,209,665	1,090,902,755	338,710,631	474,396,111
End of period	\$854,290,979	\$744,938,825	\$873,500,068	\$811,209,665	\$359,496,963	\$338,710,631

John Hancock Variable Insurance Trust

Statements of changes in net assets

	Blue Chip Growth Trust		Capital Appreciation Trust		Capital Appreciation Value Trust	
	Six months ended 6-30-23 (unaudited)	Year ended 12-31-22	Six months ended 6-30-23 (unaudited)	Year ended 12-31-22	Six months ended 6-30-23 (unaudited)	Year ended 12-31-22
Increase (decrease) in net assets						
From operations						
Net investment income (loss)	\$(830,593)	\$(4,449,307)	\$(266,336)	\$(1,110,558)	\$4,376,085	\$4,638,361
Net realized gain (loss)	110,761,677	(16,011,048)	14,322,281	6,477,983	243,064	42,001,418
Change in net unrealized appreciation (depreciation)	360,915,977	(869,330,229)	134,444,712	(277,422,007)	41,014,165	(105,725,046)
Increase (decrease) in net assets resulting from operations	470,847,061	(889,790,584)	148,500,657	(272,054,582)	45,633,314	(59,085,267)
Distributions to shareholders						
From earnings						
Series I	—	(71,261,610)	—	(49,059,040)	—	(1,078,795)
Series II	—	(26,219,267)	—	(17,753,601)	—	(33,244,084)
Series NAV	—	(353,535,936)	—	(68,636,931)	—	(25,596,052)
Total distributions	—	(451,016,813)	—	(135,449,572)	—	(59,918,931)
From portfolio share transactions						
Portfolio share transactions	(179,704,206)	334,150,663	(30,662,316)	26,684,903	(11,434,144)	42,562,511
Total increase (decrease)	291,142,855	(1,006,656,734)	117,838,341	(380,819,251)	34,199,170	(76,441,687)
Net assets						
Beginning of period	1,424,414,004	2,431,070,738	414,798,258	795,617,509	419,688,535	496,130,222
End of period	\$1,715,556,859	\$1,424,414,004	\$532,636,599	\$414,798,258	\$453,887,705	\$419,688,535
	Disciplined Value International Trust		Emerging Markets Value Trust		Equity Income Trust	
	Six months ended 6-30-23 (unaudited)	Year ended 12-31-22	Six months ended 6-30-23 (unaudited)	Year ended 12-31-22	Six months ended 6-30-23 (unaudited)	Year ended 12-31-22
Increase (decrease) in net assets						
From operations						
Net investment income	\$4,495,578	\$6,262,167	\$3,676,359	\$8,555,098	\$15,757,005	\$28,366,776
Net realized gain (loss)	12,366,779	593,483	272,298	(994,572)	37,648,210	124,124,036
Change in net unrealized appreciation (depreciation)	15,349,506	(21,506,166)	12,317,085	(36,031,319)	(19,752,625)	(200,146,762)
Increase (decrease) in net assets resulting from operations	32,211,863	(14,650,516)	16,265,742	(28,470,793)	33,652,590	(47,655,950)
Distributions to shareholders						
From earnings						
Series I	—	(2,480,160)	—	(214,150)	—	(28,609,907)
Series II	—	(1,433,545)	—	(968,664)	—	(14,732,101)
Series NAV	—	(5,593,431)	—	(6,819,553)	—	(138,102,068)
Total distributions	—	(9,507,136)	—	(8,002,367)	—	(181,444,076)
From portfolio share transactions						
Portfolio share transactions	2,855,163	(33,440,606)	(8,381,094)	(9,191,136)	(19,718,629)	(88,205,437)
Total increase (decrease)	35,067,026	(57,598,258)	7,884,648	(45,664,296)	13,933,961	(317,305,463)
Net assets						
Beginning of period	259,084,519	316,682,777	204,649,453	250,313,749	1,373,810,905	1,691,116,368
End of period	\$294,151,545	\$259,084,519	\$212,534,101	\$204,649,453	\$1,387,744,866	\$1,373,810,905

John Hancock Variable Insurance Trust

Statements of changes in net assets

	Financial Industries Trust		Fundamental All Cap Core Trust		Fundamental Large Cap Value Trust	
	Six months ended 6-30-23 (unaudited)	Year ended 12-31-22	Six months ended 6-30-23 (unaudited)	Year ended 12-31-22	Six months ended 6-30-23 (unaudited)	Year ended 12-31-22
Increase (decrease) in net assets						
From operations						
Net investment income	\$1,353,593	\$2,370,207	\$4,542,504	\$5,902,620	\$4,561,711	\$7,293,588
Net realized gain (loss)	(719,333)	4,722,529	136,023,943	261,201,032	40,436,695	55,037,989
Change in net unrealized appreciation (depreciation)	(10,897,444)	(32,962,572)	260,883,576	(888,505,366)	44,688,749	(127,739,174)
Increase (decrease) in net assets resulting from operations	(10,263,184)	(25,869,836)	401,450,023	(621,401,714)	89,687,155	(65,407,597)
Distributions to shareholders						
From earnings						
Series I	—	(19,863,174)	—	(9,232,515)	—	(59,869,578)
Series II	—	(3,410,210)	—	(4,237,517)	—	(20,858,656)
Series NAV	—	(5,682,706)	—	(182,415,585)	—	(22,834,638)
Total distributions	—	(28,956,090)	—	(195,885,617)	—	(103,562,872)
From portfolio share transactions						
Portfolio share transactions	(13,829,168)	3,256,505	(87,367,427)	4,149,271	(46,957,513)	60,097,164
Total increase (decrease)	(24,092,352)	(51,569,421)	314,082,596	(813,138,060)	42,729,642	(108,873,305)
Net assets						
Beginning of period	136,492,423	188,061,844	1,843,310,803	2,656,448,863	714,172,519	823,045,824
End of period	\$112,400,071	\$136,492,423	\$2,157,393,399	\$1,843,310,803	\$756,902,161	\$714,172,519

	Global Equity Trust		Health Sciences Trust		International Equity Index Trust	
	Six months ended 6-30-23 (unaudited)	Year ended 12-31-22	Six months ended 6-30-23 (unaudited)	Year ended 12-31-22	Six months ended 6-30-23 (unaudited)	Year ended 12-31-22
Increase (decrease) in net assets						
From operations						
Net investment income (loss)	\$2,479,876	\$4,167,189	\$(300,480)	\$(840,378)	\$13,540,438	\$22,805,932
Net realized gain (loss)	9,638,088	9,127,931	12,629,645	13,987,855	(31,244)	(1,240,876)
Change in net unrealized appreciation (depreciation)	20,433,067	(64,980,543)	(8,008,035)	(58,341,511)	63,185,545	(177,649,652)
Increase (decrease) in net assets resulting from operations	32,551,031	(51,685,423)	4,321,130	(45,194,034)	76,694,739	(156,084,596)
Distributions to shareholders						
From earnings						
Series I	—	(20,793,841)	—	(7,902,983)	—	(10,194,850)
Series II	—	(1,986,235)	—	(7,645,003)	—	(583,130)
Series NAV	—	(3,880,386)	—	(18,360,269)	—	(16,312,146)
Total distributions	—	(26,660,462)	—	(33,908,255)	—	(27,090,126)
From portfolio share transactions						
Portfolio share transactions	(16,074,947)	(4,312,157)	(14,023,709)	18,431,976	(23,093,977)	32,738,827
Total increase (decrease)	16,476,084	(82,658,042)	(9,702,579)	(60,670,313)	53,600,762	(150,435,895)
Net assets						
Beginning of period	275,054,325	357,712,367	277,942,566	338,612,879	779,460,800	929,896,695
End of period	\$291,530,409	\$275,054,325	\$268,239,987	\$277,942,566	\$833,061,562	\$779,460,800

John Hancock Variable Insurance Trust

Statements of changes in net assets

	International Small Company Trust		Lifestyle Balanced Portfolio		Lifestyle Conservative Portfolio	
	Six months ended 6-30-23 (unaudited)	Year ended 12-31-22	Six months ended 6-30-23 (unaudited)	Year ended 12-31-22	Six months ended 6-30-23 (unaudited)	Year ended 12-31-22
Increase (decrease) in net assets						
From operations						
Net investment income (loss)	\$1,457,839	\$2,109,806	\$(1,273,759)	\$19,002,079	\$(249,090)	\$4,303,199
Net realized gain (loss)	814,599	2,468,903	(3,842,226)	82,417,270	(1,710,671)	6,286,081
Change in net unrealized appreciation (depreciation)	3,979,824	(27,988,780)	77,269,136	(281,988,865)	9,828,181	(42,245,326)
Increase (decrease) in net assets resulting from operations	6,252,262	(23,410,071)	72,153,151	(180,569,516)	7,868,420	(31,656,046)
Distributions to shareholders						
From earnings						
Series I	—	(1,961,324)	—	(3,723,778)	—	(1,219,199)
Series II	—	(1,120,179)	—	(83,290,674)	—	(12,042,860)
Series NAV	—	(7,781,693)	—	(15,561,223)	—	(619,523)
Total distributions	—	(10,863,196)	—	(102,575,675)	—	(13,881,582)
From portfolio share transactions						
Portfolio share transactions	(4,792,859)	3,363,308	(28,238,063)	(17,293,211)	(4,713,733)	(14,567,067)
Total increase (decrease)	1,459,403	(30,909,959)	43,915,088	(300,438,402)	3,154,687	(60,104,695)
Net assets						
Beginning of period	98,550,550	129,460,509	898,943,795	1,199,382,197	165,348,650	225,453,345
End of period	\$100,009,953	\$98,550,550	\$942,858,883	\$898,943,795	\$168,503,337	\$165,348,650
	Lifestyle Growth Portfolio		Lifestyle Moderate Portfolio		Mid Cap Growth Trust	
	Six months ended 6-30-23 (unaudited)	Year ended 12-31-22	Six months ended 6-30-23 (unaudited)	Year ended 12-31-22	Six months ended 6-30-23 (unaudited)	Year ended 12-31-22
Increase (decrease) in net assets						
From operations						
Net investment income (loss)	\$(6,983,834)	\$87,107,394	\$(395,031)	\$6,229,984	\$(878,579)	\$(3,047,664)
Net realized gain (loss)	(17,899,543)	629,661,208	(642,070)	20,717,752	(18,978,948)	(113,765,080)
Change in net unrealized appreciation (depreciation)	523,069,585	(1,732,786,868)	20,066,054	(80,803,491)	99,092,285	(187,617,995)
Increase (decrease) in net assets resulting from operations	498,186,208	(1,016,018,266)	19,028,953	(53,855,755)	79,234,758	(304,430,739)
Distributions to shareholders						
From earnings						
Series I	—	(30,241,595)	—	(1,347,535)	—	(55,924,606)
Series II	—	(647,255,878)	—	(23,679,443)	—	(29,634,931)
Series NAV	—	(76,795,903)	—	(4,112,909)	—	(158,500,923)
Total distributions	—	(754,293,376)	—	(29,139,887)	—	(244,060,460)
From portfolio share transactions						
Portfolio share transactions	(243,748,530)	216,074,818	(7,096,474)	(4,114,132)	(32,551,085)	179,439,716
Total increase (decrease)	254,437,678	(1,554,236,824)	11,932,479	(87,109,774)	46,683,673	(369,051,483)
Net assets						
Beginning of period	4,872,663,196	6,426,900,020	274,677,590	361,787,364	561,802,289	930,853,772
End of period	\$5,127,100,874	\$4,872,663,196	\$286,610,069	\$274,677,590	\$608,485,962	\$561,802,289

John Hancock Variable Insurance Trust

Statements of changes in net assets

	Mid Cap Index Trust		Mid Value Trust		Real Estate Securities Trust	
	Six months ended 6-30-23 (unaudited)	Year ended 12-31-22	Six months ended 6-30-23 (unaudited)	Year ended 12-31-22	Six months ended 6-30-23 (unaudited)	Year ended 12-31-22
Increase (decrease) in net assets						
From operations						
Net investment income	\$7,995,966	\$14,068,006	\$3,959,766	\$5,633,922	\$3,825,825	\$5,605,376
Net realized gain (loss)	13,928,562	59,715,732	21,912,359	92,804,864	(12,573,133)	4,031,207
Change in net unrealized appreciation (depreciation)	73,469,837	(267,357,697)	24,121,983	(124,679,826)	24,761,667	(129,632,577)
Increase (decrease) in net assets resulting from operations	95,394,365	(193,573,959)	49,994,108	(26,241,040)	16,014,359	(119,995,994)
Distributions to shareholders						
From earnings						
Series I	—	(134,972,895)	—	(27,955,439)	—	(5,670,752)
Series II	—	(8,761,887)	—	(6,338,897)	—	(2,995,698)
Series NAV	—	(36,736,251)	—	(37,793,133)	—	(23,849,206)
Total distributions	—	(180,471,033)	—	(72,087,469)	—	(32,515,656)
From portfolio share transactions						
Portfolio share transactions	(52,876,101)	51,835,709	(8,203,743)	4,273,201	(11,579,036)	6,520,398
Total increase (decrease)	42,518,264	(322,209,283)	41,790,365	(94,055,308)	4,435,323	(145,991,252)
Net assets						
Beginning of period	1,134,264,331	1,456,473,614	568,970,024	663,025,332	286,528,399	432,519,651
End of period	\$1,176,782,595	\$1,134,264,331	\$610,760,389	\$568,970,024	\$290,963,722	\$286,528,399
	Science & Technology Trust		Small Cap Index Trust		Small Cap Opportunities Trust	
	Six months ended 6-30-23 (unaudited)	Year ended 12-31-22	Six months ended 6-30-23 (unaudited)	Year ended 12-31-22	Six months ended 6-30-23 (unaudited)	Year ended 12-31-22
Increase (decrease) in net assets						
From operations						
Net investment income (loss)	\$(1,241,926)	\$(4,858,611)	\$3,549,281	\$4,745,192	\$469,439	\$568,330
Net realized gain (loss)	44,871,242	(151,681,165)	9,294,626	8,605,450	4,773,876	13,813,588
Change in net unrealized appreciation (depreciation)	203,208,564	(209,907,210)	25,454,699	(148,270,896)	5,531,988	(31,208,284)
Increase (decrease) in net assets resulting from operations	246,837,880	(366,446,986)	38,298,606	(134,920,254)	10,775,303	(16,826,366)
Distributions to shareholders						
From earnings						
Series I	—	(240,507,519)	—	(54,468,844)	—	(11,570,880)
Series II	—	(23,611,608)	—	(4,212,751)	—	(4,214,354)
Series NAV	—	(50,977,686)	—	(19,645,629)	—	(6,675,349)
Total distributions	—	(315,096,813)	—	(78,327,224)	—	(22,460,583)
From portfolio share transactions						
Portfolio share transactions	(2,460,973)	231,678,884	(13,390,910)	40,452,435	(3,602,141)	24,192,538
Total increase (decrease)	244,376,907	(449,864,915)	24,907,696	(172,795,043)	7,173,162	(15,094,411)
Net assets						
Beginning of period	621,303,512	1,071,168,427	492,458,966	665,254,009	152,490,553	167,584,964
End of period	\$865,680,419	\$621,303,512	\$517,366,662	\$492,458,966	\$159,663,715	\$152,490,553

John Hancock Variable Insurance Trust

Statements of changes in net assets

	Small Cap Stock Trust		Small Cap Value Trust		Small Company Value Trust	
	Six months ended 6-30-23 (unaudited)	Year ended 12-31-22	Six months ended 6-30-23 (unaudited)	Year ended 12-31-22	Six months ended 6-30-23 (unaudited)	Year ended 12-31-22
Increase (decrease) in net assets						
From operations						
Net investment income (loss)	\$(252,116)	\$(1,202,867)	\$2,390,387	\$4,474,564	\$364,882	\$314,521
Net realized gain (loss)	(4,443,329)	(64,999,877)	5,418,919	39,680,213	1,065,295	9,004,641
Change in net unrealized appreciation (depreciation)	29,417,782	(56,161,268)	7,615,469	(97,885,119)	3,065,161	(40,701,536)
Increase (decrease) in net assets resulting from operations	24,722,337	(122,364,012)	15,424,775	(53,730,342)	4,495,338	(31,382,374)
Distributions to shareholders						
From earnings						
Series I	—	(20,748,505)	—	(25,481,781)	—	(6,135,017)
Series II	—	(7,254,687)	—	(3,738,639)	—	(4,931,682)
Series NAV	—	(46,816,507)	—	(47,129,095)	—	(7,932,221)
Total distributions	—	(74,819,699)	—	(76,349,515)	—	(18,998,920)
From portfolio share transactions						
Portfolio share transactions	(4,799,005)	42,278,201	21,009	8,526,812	(8,404,070)	9,194,521
Total increase (decrease)	19,923,332	(154,905,510)	15,445,784	(121,553,045)	(3,908,732)	(41,186,773)
Net assets						
Beginning of period	252,374,502	407,280,012	431,194,997	552,748,042	129,213,274	170,400,047
End of period	\$272,297,834	\$252,374,502	\$446,640,781	\$431,194,997	\$125,304,542	\$129,213,274
Strategic Equity Allocation Trust						
Total Stock Market Index Trust						
Increase (decrease) in net assets						
From operations						
Net investment income			\$71,381,817	\$120,372,933	\$4,450,120	\$8,098,946
Net realized gain			278,042,245	415,156,888	10,948,175	43,762,736
Change in net unrealized appreciation (depreciation)			588,334,590	(2,039,401,233)	91,480,390	(237,583,600)
Increase (decrease) in net assets resulting from operations			937,758,652	(1,503,871,412)	106,878,685	(185,721,918)
Distributions to shareholders						
From earnings						
Series I			—	—	—	(70,332,892)
Series II			—	—	—	(5,990,945)
Series NAV			—	(1,325,273,153)	—	(30,163,023)
Total distributions			—	(1,325,273,153)	—	(106,486,860)
From portfolio share transactions						
Portfolio share transactions			(524,829,072)	443,234,136	(20,886,867)	25,406,613
Total increase (decrease)			412,929,580	(2,385,910,429)	85,991,818	(266,802,165)
Net assets						
Beginning of period			6,905,312,521	9,291,222,950	674,973,311	941,775,476
End of period			\$7,318,242,101	\$6,905,312,521	\$760,965,129	\$674,973,311

John Hancock Variable Insurance Trust

Financial highlights

Per share operating performance for a share outstanding throughout each period										Ratios and supplemental data					
Period ended	Income (loss) from investment operations			Less distributions					Ratios to average net assets						
	Net asset value, beginning of period (\$)	Net investment income (loss) (\$) ¹	Net realized and unrealized gain (loss) on investments (\$)	Total from investment operations (\$)	From net investment income (\$)	From net realized gain (\$)	From tax return of capital (\$)	Total distributions (\$)	Net asset value, end of period (\$)	Total return (%) ²	Expenses before reductions (%)	Expenses including reductions (%)	Net investment income (loss) (%)	Net assets, end of period (in millions)	Portfolio turnover (%)
500 Index Trust															
Series I															
06-30-2023 ³	40.70	0.33	6.47	6.80	—	—	—	—	47.50	16.71 ⁴	0.55 ⁵	0.30 ⁵	1.51 ⁵	5,246	1
12-31-2022	52.44	0.59	(10.22)	(9.63)	(0.56)	(1.55)	—	(2.11)	40.70	(18.37)	0.55	0.30	1.31	4,441	2
12-31-2021	43.08	0.52	11.55	12.07	(0.67)	(2.04)	—	(2.71)	52.44	28.29	0.54	0.30	1.06	5,400	2
12-31-2020	37.84	0.65	6.05	6.70	(0.71)	(0.75)	—	(1.46)	43.08	18.11	0.55	0.30	1.73	4,313	4
12-31-2019	29.81	0.64	8.52	9.16	(0.60)	(0.53)	—	(1.13)	37.84	31.05	0.55	0.30	1.84	3,797	3 ⁶
12-31-2018	32.20	0.60	(2.02)	(1.42)	(0.44)	(0.53)	—	(0.97)	29.81	(4.69)	0.55	0.30	1.81	3,026	4
Series II															
06-30-2023 ³	40.72	0.28	6.47	6.75	—	—	—	—	47.47	16.58 ⁴	0.75 ⁵	0.50 ⁵	1.31 ⁵	78	1
12-31-2022	52.45	0.50	(10.21)	(9.71)	(0.47)	(1.55)	—	(2.02)	40.72	(18.51)	0.75	0.50	1.11	70	2
12-31-2021	43.09	0.42	11.56	11.98	(0.58)	(2.04)	—	(2.62)	52.45	28.04	0.74	0.50	0.86	96	2
12-31-2020	37.87	0.58	6.02	6.60	(0.63)	(0.75)	—	(1.38)	43.09	17.83	0.75	0.50	1.53	79	4
12-31-2019	29.83	0.57	8.53	9.10	(0.53)	(0.53)	—	(1.06)	37.87	30.83	0.75	0.50	1.64	78	3 ⁶
12-31-2018	32.22	0.53	(2.01)	(1.48)	(0.38)	(0.53)	—	(0.91)	29.83	(4.88)	0.75	0.50	1.61	66	4
Series NAV															
06-30-2023 ³	40.70	0.34	6.47	6.81	—	—	—	—	47.51	16.73 ⁴	0.50 ⁵	0.25 ⁵	1.56 ⁵	2,534	1
12-31-2022	52.43	0.61	(10.20)	(9.59)	(0.59)	(1.55)	—	(2.14)	40.70	(18.31)	0.50	0.25	1.36	2,201	2
12-31-2021	43.07	0.54	11.55	12.09	(0.69)	(2.04)	—	(2.73)	52.43	28.36	0.49	0.25	1.11	2,944	2
12-31-2020	37.84	0.67	6.03	6.70	(0.72)	(0.75)	—	(1.47)	43.07	18.14	0.50	0.25	1.78	2,433	4
12-31-2019	29.80	0.66	8.52	9.18	(0.61)	(0.53)	—	(1.14)	37.84	31.16	0.50	0.25	1.90	2,229	3 ⁶
12-31-2018	32.19	0.61	(2.01)	(1.40)	(0.46)	(0.53)	—	(0.99)	29.80	(4.65)	0.50	0.25	1.86	1,721	4
1 Based on average daily shares outstanding. 2 Total returns exclude insurance-related fees and expenses and would have been lower had certain expenses not been reduced during the applicable periods. 3 Six months ended 6-30-23. Unaudited. 4 Not annualized. 5 Annualized. 6 Excludes in-kind transactions.															
American Asset Allocation Trust															
Series I															
06-30-2023 ³	9.59	0.02 ⁴	0.63	0.65	—	—	—	—	10.24	6.78 ⁵	0.63 ^{6,7}	0.62 ^{6,7}	0.40 ^{4,6}	328	4
12-31-2022	13.11	0.17 ⁴	(2.02)	(1.85)	(0.16)	(1.51)	—	(1.67)	9.59	(13.76)	0.63 ⁷	0.62 ⁷	1.54 ⁴	320	9
12-31-2021	12.26	0.15 ⁴	1.65	1.80	(0.15)	(0.80)	—	(0.95)	13.11	14.71	0.63 ⁷	0.62 ⁷	1.16 ⁴	374	5
12-31-2020	12.58	0.16 ⁴	1.22	1.38	(0.16)	(1.54)	—	(1.70)	12.26	12.02	0.63 ⁷	0.62 ⁷	1.30 ⁴	334	3
12-31-2019	11.84	0.19 ⁴	2.16	2.35	(0.16)	(1.45)	—	(1.61)	12.58	20.78	0.63 ⁷	0.62 ⁷	1.52 ⁴	306	7
12-31-2018	14.29	0.18 ⁴	(0.76)	(0.58)	(0.16)	(1.71)	—	(1.87)	11.84	(4.91)	0.63 ⁷	0.62 ⁷	1.27 ⁴	262	6
Series II															
06-30-2023 ³	9.60	0.01 ⁴	0.63	0.64	—	—	—	—	10.24	6.67 ⁵	0.78 ^{6,7}	0.71 ^{6,7}	0.31 ^{4,6}	713	4
12-31-2022	13.11	0.16 ⁴	(2.01)	(1.85)	(0.15)	(1.51)	—	(1.66)	9.60	(13.77)	0.78 ⁷	0.71 ⁷	1.37 ⁴	710	9
12-31-2021	12.26	0.13 ⁴	1.65	1.78	(0.13)	(0.80)	—	(0.93)	13.11	14.61	0.78 ⁷	0.71 ⁷	0.98 ⁴	921	5
12-31-2020	12.58	0.14 ⁴	1.23	1.37	(0.15)	(1.54)	—	(1.69)	12.26	11.92	0.78 ⁷	0.71 ⁷	1.15 ⁴	953	3
12-31-2019	11.84	0.17 ⁴	2.17	2.34	(0.15)	(1.45)	—	(1.60)	12.58	20.67	0.78 ⁷	0.71 ⁷	1.36 ⁴	967	7
12-31-2018	14.30	0.15 ⁴	(0.75)	(0.60)	(0.15)	(1.71)	—	(1.86)	11.84	(5.06)	0.78 ⁷	0.71 ⁷	1.11 ⁴	934	6
Series III															
06-30-2023 ³	9.60	0.04 ⁴	0.63	0.67	—	—	—	—	10.27	6.98 ⁵	0.28 ^{6,7}	0.27 ^{6,7}	0.75 ^{4,6}	101	4
12-31-2022	13.12	0.21 ⁴	(2.02)	(1.81)	(0.20)	(1.51)	—	(1.71)	9.60	(13.44)	0.28 ⁷	0.27 ⁷	1.82 ⁴	101	9
12-31-2021	12.27	0.19 ⁴	1.65	1.84	(0.19)	(0.80)	—	(0.99)	13.12	15.07	0.28 ⁷	0.27 ⁷	1.45 ⁴	128	5
12-31-2020	12.58	0.20 ⁴	1.23	1.43	(0.20)	(1.54)	—	(1.74)	12.27	12.45	0.28 ⁷	0.27 ⁷	1.61 ⁴	125	3
12-31-2019	11.84	0.23 ⁴	2.17	2.40	(0.21)	(1.45)	—	(1.66)	12.58	21.16	0.28 ⁷	0.27 ⁷	1.81 ⁴	122	7
12-31-2018	14.30	0.22 ⁴	(0.76)	(0.54)	(0.21)	(1.71)	—	(1.92)	11.84	(4.62)	0.28 ⁷	0.27 ⁷	1.56 ⁴	116	6

1 Based on average daily shares outstanding. 2 Total returns exclude insurance-related fees and expenses and would have been lower had certain expenses not been reduced during the applicable periods. 3 Six months ended 6-30-23. Unaudited. 4 Net investment income is affected by the timing and frequency of the declaration of dividends by the underlying funds in which the portfolio invests. 5 Not annualized. 6 Annualized. 7 Ratios do not include expenses indirectly incurred from underlying funds and can vary based on the mix of underlying funds held by the portfolio.

John Hancock Variable Insurance Trust

Financial highlights

Per share operating performance for a share outstanding throughout each period										Ratios and supplemental data					
Period ended	Income (loss) from investment operations			Less distributions				Ratios to average net assets							
	Net asset value, beginning of period (\$)	Net investment income (loss) (\$) ¹	Net realized and unrealized gain (loss) on investments (\$)	Total from investment operations (\$)	From net investment income (\$)	From net realized gain (\$)	From tax return of capital (\$)	Total distributions (\$)	Net asset value, end of period (\$)	Total return (%) ²	Expenses before reductions (%)	Expenses including reductions (%)	Net investment income (loss) (%)	Net assets, end of period (in millions)	Portfolio turnover (%)
American Global Growth Trust															
Series I															
06-30-2023 ³	13.73	(0.01) ⁴	2.07	2.06	—	—	—	—	15.79	15.00 ⁵	0.66 ^{6,7}	0.65 ^{6,7}	(0.08) ^{4,6}	46	9
12-31-2022	21.63	0.05 ⁴	(5.61)	(5.56)	(0.04)	(2.30)	—	(2.34)	13.73	(25.05)	0.66 ⁷	0.65 ⁷	0.33 ⁴	41	13
12-31-2021	19.75	(0.01) ⁴	3.16	3.15	—	(1.27)	—	(1.27)	21.63	16.00	0.64 ⁷	0.63 ⁷	(0.04) ⁴	48	8
12-31-2020	16.49	— ^{4,8}	4.76	4.76	(0.01)	(1.49)	—	(1.50)	19.75	29.96	0.65 ⁷	0.64 ⁷	(0.02) ⁴	39	6
12-31-2019	13.68	0.12 ⁴	4.43	4.55	(0.10)	(1.64)	—	(1.74)	16.49	34.71	0.65 ⁷	0.64 ⁷	0.79 ⁴	27	9
12-31-2018	16.10	0.05 ⁴	(1.43)	(1.38)	(0.04)	(1.00)	—	(1.04)	13.68	(9.37)	0.64 ⁷	0.64 ⁷	0.29 ⁴	17	11
Series II															
06-30-2023 ³	13.65	(0.01) ⁴	2.05	2.04	—	—	—	—	15.69	14.95 ⁵	0.81 ^{6,7}	0.72 ^{6,7}	(0.17) ^{4,6}	116	9
12-31-2022	21.51	0.03 ⁴	(5.57)	(5.54)	(0.02)	(2.30)	—	(2.32)	13.65	(25.08)	0.81 ⁷	0.72 ⁷	0.18 ⁴	112	13
12-31-2021	19.66	(0.03) ⁴	3.15	3.12	—	(1.27)	—	(1.27)	21.51	15.92	0.79 ⁷	0.70 ⁷	(0.14) ⁴	169	8
12-31-2020	16.44	(0.02) ⁴	4.74	4.72	(0.01)	(1.49)	—	(1.50)	19.66	29.80	0.80 ⁷	0.71 ⁷	(0.13) ⁴	172	6
12-31-2019	13.64	0.09 ⁴	4.44	4.53	(0.09)	(1.64)	—	(1.73)	16.44	34.66	0.80 ⁷	0.71 ⁷	0.60 ⁴	161	9
12-31-2018	16.06	0.03 ⁴	(1.42)	(1.39)	(0.03)	(1.00)	—	(1.03)	13.64	(9.46)	0.79 ⁷	0.71 ⁷	0.16 ⁴	144	11
Series III															
06-30-2023 ³	13.79	0.02 ⁴	2.07	2.09	—	—	—	—	15.88	15.16 ⁵	0.31 ^{6,7}	0.30 ^{6,7}	0.26 ^{4,6}	27	9
12-31-2022	21.71	0.11 ⁴	(5.64)	(5.53)	(0.09)	(2.30)	—	(2.39)	13.79	(24.77)	0.31 ⁷	0.30 ⁷	0.64 ⁴	25	13
12-31-2021	19.75	0.06 ⁴	3.17	3.23	—	(1.27)	—	(1.27)	21.71	16.41	0.29 ⁷	0.28 ⁷	0.29 ⁴	33	8
12-31-2020	16.43	0.05 ⁴	4.77	4.82	(0.01)	(1.49)	—	(1.50)	19.75	30.44	0.30 ⁷	0.29 ⁷	0.30 ⁴	32	6
12-31-2019	13.63	0.16 ⁴	4.43	4.59	(0.15)	(1.64)	—	(1.79)	16.43	35.17	0.30 ⁷	0.29 ⁷	1.03 ⁴	30	9
12-31-2018	16.05	0.10 ⁴	(1.43)	(1.33)	(0.09)	(1.00)	—	(1.09)	13.63	(9.04)	0.29 ⁷	0.29 ⁷	0.60 ⁴	27	11

1 Based on average daily shares outstanding. **2** Total returns exclude insurance-related fees and expenses and would have been lower had certain expenses not been reduced during the applicable periods. **3** Six months ended 6-30-23. Unaudited. **4** Net investment income is affected by the timing and frequency of the declaration of dividends by the underlying funds in which the portfolio invests. **5** Not annualized. **6** Annualized. **7** Ratios do not include expenses indirectly incurred from underlying funds and can vary based on the mix of underlying funds held by the portfolio. **8** Less than \$0.005 per share.

American Growth Trust

Series I															
06-30-2023 ³	13.39	(0.02) ⁴	3.32	3.30	—	—	—	—	16.69	24.65 ⁵	0.63 ^{6,7}	0.63 ^{6,7}	(0.22) ^{4,6}	236	6
12-31-2022	26.51	— ^{4,8}	(7.86)	(7.86)	—	(5.26) ⁹	—	(5.26)	13.39	(30.20)	0.63 ⁷	0.62 ⁷	(0.02) ⁴	188	11
12-31-2021	23.31	(0.04) ⁴	5.05	5.01	—	(1.81) ⁹	—	(1.81)	26.51	21.55	0.63 ⁷	0.62 ⁷	(0.14) ⁴	265	14
12-31-2020	17.56	(0.01) ⁴	8.58	8.57	(0.02)	(2.80)	—	(2.82)	23.31	51.52	0.63 ⁷	0.62 ⁷	(0.06) ⁴	215	4
12-31-2019	16.55	0.07 ⁴	4.50	4.57	(0.04)	(3.52)	—	(3.56)	17.56	30.30	0.63 ⁷	0.63 ⁷	0.38 ⁴	148	12
12-31-2018	20.17	0.01 ⁴	0.32	0.33	—	(3.95) ⁹	—	(3.95)	16.55	(0.66)	0.63 ⁷	0.62 ⁷	0.06 ⁴	121	13
Series II															
06-30-2023 ³	13.19	(0.02) ⁴	3.26	3.24	—	—	—	—	16.43	24.56 ⁵	0.78 ^{6,7}	0.69 ^{6,7}	(0.29) ^{4,6}	534	6
12-31-2022	26.22	(0.02) ⁴	(7.76)	(7.78)	(0.01)	(5.24) ⁹	—	(5.25)	13.19	(30.25)	0.78 ⁷	0.68 ⁷	(0.11) ⁴	481	11
12-31-2021	23.07	(0.06) ⁴	5.00	4.94	—	(1.79) ⁹	—	(1.79)	26.22	21.49	0.78 ⁷	0.68 ⁷	(0.23) ⁴	739	14
12-31-2020	17.41	(0.03) ⁴	8.51	8.48	(0.02)	(2.80)	—	(2.82)	23.07	51.46	0.78 ⁷	0.68 ⁷	(0.13) ⁴	729	4
12-31-2019	16.44	0.05 ⁴	4.47	4.52	(0.03)	(3.52)	—	(3.55)	17.41	30.20	0.78 ⁷	0.69 ⁷	0.28 ⁴	619	12
12-31-2018	20.06	(0.01) ⁴	0.33	0.32	—	(3.94) ⁹	—	(3.94)	16.44	(0.71)	0.78 ⁷	0.68 ⁷	(0.03) ⁴	574	13
Series III															
06-30-2023 ³	13.29	0.01 ⁴	3.29	3.30	—	—	—	—	16.59	24.83 ⁵	0.28 ^{6,7}	0.28 ^{6,7}	0.12 ^{4,6}	84	6
12-31-2022	26.38	0.06 ⁴	(7.82)	(7.76)	—	(5.33) ⁹	—	(5.33)	13.29	(29.95)	0.28 ⁷	0.27 ⁷	0.31 ⁴	76	11
12-31-2021	23.19	0.05 ⁴	5.04	5.09	—	(1.90) ⁹	—	(1.90)	26.38	22.00	0.28 ⁷	0.27 ⁷	0.19 ⁴	106	14
12-31-2020	17.43	0.05 ⁴	8.53	8.58	(0.02)	(2.80)	—	(2.82)	23.19	51.98	0.28 ⁷	0.27 ⁷	0.28 ⁴	103	4
12-31-2019	16.44	0.12 ⁴	4.49	4.61	(0.10)	(3.52)	—	(3.62)	17.43	30.80	0.28 ⁷	0.28 ⁷	0.70 ⁴	91	12
12-31-2018	20.06	0.08 ⁴	0.32	0.40	(0.05)	(3.97) ⁹	—	(4.02)	16.44	(0.28)	0.28 ⁷	0.27 ⁷	0.38 ⁴	83	13

1 Based on average daily shares outstanding. **2** Total returns exclude insurance-related fees and expenses and would have been lower had certain expenses not been reduced during the applicable periods. **3** Six months ended 6-30-23. Unaudited. **4** Net investment income is affected by the timing and frequency of the declaration of dividends by the underlying funds in which the portfolio invests. **5** Not annualized. **6** Annualized. **7** Ratios do not include expenses indirectly incurred from underlying funds and can vary based on the mix of underlying funds held by the portfolio. **8** Less than \$0.005 per share. **9** Capital gain distributions may vary between classes due to expense differences applied to ordinary income distributions from underlying funds.

John Hancock Variable Insurance Trust

Financial highlights

Per share operating performance for a share outstanding throughout each period										Ratios and supplemental data					
Period ended	Income (loss) from investment operations			Less distributions					Ratios to average net assets						
	Net asset value, beginning of period (\$)	Net investment income (loss) (\$) ¹	Net realized and unrealized gain (loss) on investments (\$)	Total from investment operations (\$)	From net investment income (\$)	From net realized gain (\$)	From tax return of capital (\$)	Total distributions (\$)	Net asset value, end of period (\$)	Total return (%) ²	Expenses before reductions (%)	Expenses including reductions (%)	Net investment income (loss) (%)	Net assets, end of period (in millions)	Portfolio turnover (%)
American Growth-Income Trust															
Series I															
06-30-2023 ³	14.21	0.01 ⁴	2.05	2.06	—	—	—	—	16.27	14.50 ⁵	0.63 ^{6,7}	0.63 ^{6,7}	0.11 ^{4,6}	297	6
12-31-2022	18.55	0.14 ⁴	(3.28)	(3.14)	(0.13)	(1.07)	—	(1.20)	14.21	(16.78)	0.63 ⁷	0.62 ⁷	0.89 ⁴	268	12
12-31-2021	15.87	0.13 ⁴	3.59	3.72	(0.13)	(0.91)	—	(1.04)	18.55	23.61	0.63 ⁷	0.62 ⁷	0.74 ⁴	344	3
12-31-2020	16.38	0.15 ⁴	1.75	1.90	(0.16)	(2.25)	—	(2.41)	15.87	13.11	0.63 ⁷	0.62 ⁷	0.97 ⁴	298	8
12-31-2019	15.03	0.21 ⁴	3.45	3.66	(0.17)	(2.14)	—	(2.31)	16.38	25.70	0.63 ⁷	0.62 ⁷	1.28 ⁴	288	13
12-31-2018	17.69	0.17 ⁴	(0.32)	(0.15)	(0.17)	(2.34)	—	(2.51)	15.03	(2.18)	0.63 ⁷	0.62 ⁷	0.97 ⁴	240	11
Series II															
06-30-2023 ³	14.13	— ^{4,8}	2.04	2.04	—	—	—	—	16.17	14.44 ⁵	0.78 ^{6,7}	0.71 ^{6,7}	0.02 ^{4,6}	404	6
12-31-2022	18.45	0.12 ⁴	(3.25)	(3.13)	(0.12)	(1.07)	—	(1.19)	14.13	(16.84)	0.78 ⁷	0.70 ⁷	0.78 ⁴	380	12
12-31-2021	15.79	0.11 ⁴	3.58	3.69	(0.12)	(0.91)	—	(1.03)	18.45	23.51	0.78 ⁷	0.70 ⁷	0.61 ⁴	531	3
12-31-2020	16.31	0.14 ⁴	1.74	1.88	(0.15)	(2.25)	—	(2.40)	15.79	13.02	0.78 ⁷	0.70 ⁷	0.88 ⁴	528	8
12-31-2019	14.97	0.18 ⁴	3.46	3.64	(0.16)	(2.14)	—	(2.30)	16.31	25.64	0.78 ⁷	0.70 ⁷	1.13 ⁴	518	13
12-31-2018	17.63	0.15 ⁴	(0.31)	(0.16)	(0.16)	(2.34)	—	(2.50)	14.97	(2.27)	0.78 ⁷	0.70 ⁷	0.85 ⁴	492	11
Series III															
06-30-2023 ³	14.17	0.03 ⁴	2.06	2.09	—	—	—	—	16.26	14.75 ⁵	0.28 ^{6,7}	0.28 ^{6,7}	0.45 ^{4,6}	173	6
12-31-2022	18.52	0.20 ⁴	(3.29)	(3.09)	(0.19)	(1.07)	—	(1.26)	14.17	(16.56)	0.28 ⁷	0.27 ⁷	1.24 ⁴	163	12
12-31-2021	15.83	0.19 ⁴	3.60	3.79	(0.19)	(0.91)	—	(1.10)	18.52	24.13	0.28 ⁷	0.27 ⁷	1.05 ⁴	216	3
12-31-2020	16.34	0.21 ⁴	1.74	1.95	(0.21)	(2.25)	—	(2.46)	15.83	13.47	0.28 ⁷	0.27 ⁷	1.32 ⁴	208	8
12-31-2019	14.99	0.26 ⁴	3.46	3.72	(0.23)	(2.14)	—	(2.37)	16.34	26.16	0.28 ⁷	0.27 ⁷	1.58 ⁴	202	13
12-31-2018	17.65	0.23 ⁴	(0.32)	(0.09)	(0.23)	(2.34)	—	(2.57)	14.99	(1.82)	0.28 ⁷	0.27 ⁷	1.30 ⁴	189	11

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American International Trust

Series I															
06-30-2023 ³	15.03	(0.01) ⁴	1.84	1.83	—	—	—	—	16.86	12.18 ⁵	0.64 ^{6,7}	0.63 ^{6,7}	(0.14) ^{4,6}	116	2
12-31-2022	20.56	0.22 ⁴	(4.63)	(4.41)	(0.22)	(0.90)	—	(1.12)	15.03	(21.11)	0.64 ⁷	0.63 ⁷	1.32 ⁴	106	15
12-31-2021	21.41	0.41 ⁴	(0.80)	(0.39)	(0.42)	(0.04)	—	(0.46)	20.56	(1.81)	0.63 ⁷	0.63 ⁷	1.89 ⁴	145	9
12-31-2020	19.83	0.06 ⁴	2.46	2.52	(0.07)	(0.87)	—	(0.94)	21.41	13.56	0.64 ⁷	0.63 ⁷	0.32 ⁴	170	10
12-31-2019	17.67	0.22 ⁴	3.56	3.78	(0.18)	(1.44)	—	(1.62)	19.83	22.40	0.64 ⁷	0.63 ⁷	1.12 ⁴	137	10
12-31-2018	21.93	0.28 ⁴	(3.14)	(2.86)	(0.27)	(1.13)	—	(1.40)	17.67	(13.46)	0.63 ⁷	0.62 ⁷	1.32 ⁴	119	20
Series II															
06-30-2023 ³	15.03	(0.02) ⁴	1.83	1.81	—	—	—	—	16.84	12.04 ⁵	0.79 ^{6,7}	0.76 ^{6,7}	(0.28) ^{4,6}	215	2
12-31-2022	20.54	0.20 ⁴	(4.61)	(4.41)	(0.20)	(0.90)	—	(1.10)	15.03	(21.16)	0.79 ⁷	0.76 ⁷	1.20 ⁴	206	15
12-31-2021	21.39	0.39 ⁴	(0.81)	(0.42)	(0.39)	(0.04)	—	(0.43)	20.54	(1.96)	0.78 ⁷	0.76 ⁷	1.80 ⁴	293	9
12-31-2020	19.82	0.03 ⁴	2.46	2.49	(0.05)	(0.87)	—	(0.92)	21.39	13.40	0.79 ⁷	0.76 ⁷	0.16 ⁴	317	10
12-31-2019	17.66	0.17 ⁴	3.59	3.76	(0.16)	(1.44)	—	(1.60)	19.82	22.27	0.79 ⁷	0.76 ⁷	0.88 ⁴	310	10
12-31-2018	21.92	0.24 ⁴	(3.13)	(2.89)	(0.24)	(1.13)	—	(1.37)	17.66	(13.59)	0.78 ⁷	0.75 ⁷	1.11 ⁴	300	20
Series III															
06-30-2023 ³	14.97	0.02 ⁴	1.82	1.84	—	—	—	—	16.81	12.29 ⁵	0.29 ^{6,7}	0.28 ^{6,7}	0.20 ^{4,6}	28	2
12-31-2022	20.48	0.29 ⁴	(4.62)	(4.33)	(0.28)	(0.90)	—	(1.18)	14.97	(20.80)	0.29 ⁷	0.28 ⁷	1.72 ⁴	27	15
12-31-2021	21.34	0.50 ⁴	(0.82)	(0.32)	(0.50)	(0.04)	—	(0.54)	20.48	(1.50)	0.28 ⁷	0.28 ⁷	2.31 ⁴	36	9
12-31-2020	19.75	0.12 ⁴	2.47	2.59	(0.13)	(0.87)	—	(1.00)	21.34	13.98	0.29 ⁷	0.28 ⁷	0.64 ⁴	38	10
12-31-2019	17.59	0.26 ⁴	3.59	3.85	(0.25)	(1.44)	—	(1.69)	19.75	22.89	0.29 ⁷	0.28 ⁷	1.38 ⁴	37	10
12-31-2018	21.86	0.34 ⁴	(3.14)	(2.80)	(0.34)	(1.13)	—	(1.47)	17.59	(13.20)	0.28 ⁷	0.27 ⁷	1.61 ⁴	35	20

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John Hancock Variable Insurance Trust

Financial highlights

Per share operating performance for a share outstanding throughout each period										Ratios and supplemental data					
Period ended	Income (loss) from investment operations			Less distributions					Ratios to average net assets						
	Net asset value, beginning of period (\$)	Net investment income (loss) (\$) ¹	Net realized and unrealized gain (loss) on investments (\$)	Total from investment operations (\$)	From net investment income (\$)	From net realized gain (\$)	From tax return of capital (\$)	Total distributions (\$)	Net asset value, end of period (\$)	Total return (%) ²	Expenses before reductions (%)	Expenses including reductions (%)	Net investment income (loss) (%)	Net assets, end of period (in millions)	Portfolio turnover (%)
Blue Chip Growth Trust															
Series I															
06-30-2023 ³	18.06	(0.01)	6.35	6.34	—	—	—	—	24.40	35.11 ⁴	0.83 ⁵	0.79 ⁵	(0.14) ⁵	291	9
12-31-2022	40.95	(0.08)	(14.95)	(15.03)	—	(7.86)	—	(7.86)	18.06	(38.09)	0.83	0.79	(0.28)	227	17
12-31-2021	40.21	(0.20)	7.02	6.82	—	(6.08)	—	(6.08)	40.95	16.87	0.82	0.79	(0.46)	402	36
12-31-2020	34.45	(0.11)	11.57	11.46	—	(5.70)	—	(5.70)	40.21	34.30	0.83	0.80	(0.28)	383	24
12-31-2019	30.96	(0.02)	8.82	8.80	—	(5.31)	—	(5.31)	34.45	29.80	0.84	0.81	(0.04)	325	29
12-31-2018	34.92	(0.01)	1.32	1.31	(0.01)	(5.26)	—	(5.27)	30.96	1.97	0.84	0.80	(0.02)	289	35
Series II															
06-30-2023 ³	16.71	(0.03)	5.87	5.84	—	—	—	—	22.55	34.95 ⁴	1.03 ⁵	0.99 ⁵	(0.34) ⁵	98	9
12-31-2022	38.84	(0.13)	(14.14)	(14.27)	—	(7.86)	—	(7.86)	16.71	(38.20)	1.03	0.99	(0.48)	79	17
12-31-2021	38.48	(0.27)	6.71	6.44	—	(6.08)	—	(6.08)	38.84	16.63	1.02	0.99	(0.66)	146	36
12-31-2020	33.22	(0.17)	11.13	10.96	—	(5.70)	—	(5.70)	38.48	34.06	1.03	1.00	(0.48)	150	24
12-31-2019	30.07	(0.08)	8.54	8.46	—	(5.31)	—	(5.31)	33.22	29.53	1.04	1.01	(0.24)	134	29
12-31-2018	34.10	(0.08)	1.31	1.23	—	(5.26)	—	(5.26)	30.07	1.78	1.04	1.00	(0.22)	123	35
Series NAV															
06-30-2023 ³	18.13	(0.01)	6.38	6.37	—	—	—	—	24.50	35.14 ⁴	0.78 ⁵	0.74 ⁵	(0.09) ⁵	1,327	9
12-31-2022	41.04	(0.07)	(14.98)	(15.05)	—	(7.86)	—	(7.86)	18.13	(38.05)	0.78	0.74	(0.23)	1,119	17
12-31-2021	40.27	(0.18)	7.03	6.85	—	(6.08)	—	(6.08)	41.04	16.92	0.77	0.74	(0.41)	1,883	36
12-31-2020	34.47	(0.09)	11.59	11.50	—	(5.70)	—	(5.70)	40.27	34.40	0.78	0.75	(0.23)	1,823	24
12-31-2019	30.97	— ⁶	8.81	8.81	— ⁶	(5.31)	—	(5.31)	34.47	29.83	0.79	0.76	0.01	1,708	29
12-31-2018	34.92	0.01	1.32	1.33	(0.02)	(5.26)	—	(5.28)	30.97	2.03	0.79	0.75	0.04	1,512	35
1 Based on average daily shares outstanding. 2 Total returns exclude insurance-related fees and expenses and would have been lower had certain expenses not been reduced during the applicable periods. 3 Six months ended 6-30-23. Unaudited. 4 Not annualized. 5 Annualized. 6 Less than \$0.005 per share.															
Capital Appreciation Trust															
Series I															
06-30-2023 ³	3.28	— ⁴	1.21	1.21	—	—	—	—	4.49	36.89 ⁵	0.82 ⁶	0.82 ⁶	(0.12) ⁶	195	19
12-31-2022	7.48	(0.01)	(2.70)	(2.71)	—	(1.49)	—	(1.49)	3.28	(37.70)	0.81	0.81	(0.22)	151	31
12-31-2021	7.60	(0.04)	1.26	1.22	—	(1.34)	—	(1.34)	7.48	15.75	0.79	0.78	(0.50)	272	40
12-31-2020	5.39	(0.02)	2.96	2.94	—	(0.73)	—	(0.73)	7.60	56.04	0.80	0.79	(0.32)	272	56
12-31-2019	12.09	(0.01)	2.92	2.91	(0.01)	(9.60)	—	(9.61)	5.39	32.89	0.81	0.81	(0.06)	195	40
12-31-2018	14.65	0.02	0.23	0.25	(0.04)	(2.77)	—	(2.81)	12.09	(0.80)	0.80	0.79	0.13	169	37
Series II															
06-30-2023 ³	2.52	— ⁴	0.93	0.93	—	—	—	—	3.45	36.90 ⁵	1.02 ⁶	1.02 ⁶	(0.32) ⁶	60	19
12-31-2022	6.28	(0.02)	(2.25)	(2.27)	—	(1.49)	—	(1.49)	2.52	(37.88)	1.01	1.01	(0.42)	46	31
12-31-2021	6.57	(0.05)	1.10	1.05	—	(1.34)	—	(1.34)	6.28	15.64	0.99	0.98	(0.70)	88	40
12-31-2020	4.74	(0.03)	2.59	2.56	—	(0.73)	—	(0.73)	6.57	55.70	1.00	0.99	(0.52)	89	56
12-31-2019	11.61	(0.02)	2.75	2.73	— ⁴	(9.60)	—	(9.60)	4.74	32.65	1.01	1.01	(0.26)	66	40
12-31-2018	14.16	(0.01)	0.24	0.23	(0.01)	(2.77)	—	(2.78)	11.61	(0.99)	1.00	0.99	(0.07)	58	37
Series NAV															
06-30-2023 ³	3.33	— ⁴	1.22	1.22	—	—	—	—	4.55	36.64 ⁵	0.77 ⁶	0.77 ⁶	(0.07) ⁶	277	19
12-31-2022	7.55	(0.01)	(2.72)	(2.73)	—	(1.49)	—	(1.49)	3.33	(37.59)	0.76	0.76	(0.18)	217	31
12-31-2021	7.66	(0.04)	1.27	1.23	—	(1.34)	—	(1.34)	7.55	15.76	0.74	0.73	(0.45)	436	40
12-31-2020	5.42	(0.02)	2.99	2.97	—	(0.73)	—	(0.73)	7.66	56.29	0.75	0.74	(0.27)	382	56
12-31-2019	12.11	— ⁴	2.92	2.92	(0.01)	(9.60)	—	(9.61)	5.42	32.88	0.76	0.76	(0.01)	282	40
12-31-2018	14.67	0.03	0.23	0.26	(0.05)	(2.77)	—	(2.82)	12.11	(0.72)	0.75	0.74	0.20	281	37
1 Based on average daily shares outstanding. 2 Total returns exclude insurance-related fees and expenses and would have been lower had certain expenses not been reduced during the applicable periods. 3 Six months ended 6-30-23. Unaudited. 4 Less than \$0.005 per share. 5 Not annualized. 6 Annualized.															

John Hancock Variable Insurance Trust

Financial highlights

Per share operating performance for a share outstanding throughout each period										Ratios and supplemental data					
Period ended	Income (loss) from investment operations			Less distributions					Ratios to average net assets						
	Net asset value, beginning of period (\$)	Net investment income (loss) (\$) ¹	Net realized and unrealized gain (loss) on investments (\$)	Total from investment operations (\$)	From net investment income (\$)	From net realized gain (\$)	From tax return of capital (\$)	Total distributions (\$)	Net asset value, end of period (\$)	Total return (%) ²	Expenses before reductions (%)	Expenses including reductions (%)	Net investment income (loss) (%)	Net assets, end of period (in millions)	Portfolio turnover (%)
Capital Appreciation Value Trust															
Series I															
06-30-2023 ³	10.62	0.12	1.05	1.17	—	—	—	—	11.79	11.02 ⁴	0.94 ⁵	0.90 ⁵	2.09 ⁵	7	40
12-31-2022	14.06	0.14	(1.83)	(1.69)	(0.13)	(1.62)	—	(1.75)	10.62	(11.86)	0.94	0.90	1.14	8	88
12-31-2021	13.39	0.09	2.31	2.40	(0.11)	(1.62)	—	(1.73)	14.06	18.13	0.93	0.88	0.63	8	55
12-31-2020	12.55	0.11	1.98	2.09	(0.15)	(1.10)	—	(1.25)	13.39	17.40	0.94	0.90	0.85	6	88
12-31-2019	10.92	0.16	2.44	2.60	(0.17)	(0.80)	—	(0.97)	12.55	24.31	0.93	0.89	1.33	8	45
12-31-2018	11.98	0.28 ⁶	(0.18)	0.10	(0.25)	(0.91)	—	(1.16)	10.92	0.39	0.92	0.88	2.35 ⁶	4	78
Series II															
06-30-2023 ³	10.54	0.10	1.05	1.15	—	—	—	—	11.69	10.91 ⁴	1.14 ⁵	1.10 ⁵	1.89 ⁵	245	40
12-31-2022	13.97	0.11	(1.82)	(1.71)	(0.10)	(1.62)	—	(1.72)	10.54	(12.07)	1.14	1.10	0.93	233	88
12-31-2021	13.32	0.06	2.29	2.35	(0.08)	(1.62)	—	(1.70)	13.97	17.85	1.13	1.08	0.43	290	55
12-31-2020	12.49	0.09	1.96	2.05	(0.12)	(1.10)	—	(1.22)	13.32	17.19	1.14	1.10	0.68	287	88
12-31-2019	10.87	0.14	2.42	2.56	(0.14)	(0.80)	—	(0.94)	12.49	24.10	1.13	1.09	1.17	278	45
12-31-2018	11.94	0.26 ⁶	(0.19)	0.07	(0.23)	(0.91)	—	(1.14)	10.87	0.11	1.12	1.08	2.15 ⁶	259	78
Series NAV															
06-30-2023 ³	10.57	0.12	1.05	1.17	—	—	—	—	11.74	11.07 ⁴	0.89 ⁵	0.85 ⁵	2.15 ⁵	202	40
12-31-2022	14.01	0.15	(1.84)	(1.69)	(0.13)	(1.62)	—	(1.75)	10.57	(11.87)	0.89	0.85	1.20	179	88
12-31-2021	13.35	0.10	2.30	2.40	(0.12)	(1.62)	—	(1.74)	14.01	18.16	0.88	0.83	0.68	198	55
12-31-2020	12.52	0.12	1.96	2.08	(0.15)	(1.10)	—	(1.25)	13.35	17.42	0.89	0.85	0.93	156	88
12-31-2019	10.89	0.17	2.43	2.60	(0.17)	(0.80)	—	(0.97)	12.52	24.44	0.88	0.84	1.41	127	45
12-31-2018	11.95	0.29 ⁶	(0.18)	0.11	(0.26)	(0.91)	—	(1.17)	10.89	0.45	0.87	0.83	2.40 ⁶	91	78
¹ Based on average daily shares outstanding. ² Total returns exclude insurance-related fees and expenses and would have been lower had certain expenses not been reduced during the applicable periods. ³ Six months ended 6-30-23. Unaudited. ⁴ Not annualized. ⁵ Annualized. ⁶ Net investment income (loss) per share and ratio of net investment income (loss) to average net assets reflect a special dividend received by the portfolio, which amounted to \$0.12 and 1.00%, respectively.															
Disciplined Value International Trust															
Series I															
06-30-2023 ³	13.15	0.23	1.40	1.63	—	—	—	—	14.78	12.40 ⁴	0.88 ⁵	0.87 ⁵	3.24 ⁵	76	42
12-31-2022	14.38	0.31	(1.05)	(0.74)	(0.49)	—	—	(0.49)	13.15	(4.77)	0.93	0.92	2.33	67	74
12-31-2021	13.05	0.46	1.25	1.71	(0.38)	—	—	(0.38)	14.38	13.06	0.93	0.92	3.21	78	60
12-31-2020	12.92	0.21	0.17	0.38	(0.25)	—	—	(0.25)	13.05	3.27	0.94	0.94	1.85	77	190 ⁶
12-31-2019	11.84	0.30	1.13	1.43	(0.35)	—	—	(0.35)	12.92	12.33	0.94	0.94	2.39	83	36
12-31-2018	14.33	0.26	(2.41)	(2.15)	(0.34)	—	—	(0.34)	11.84	(15.03)	0.92	0.91	1.87	84	34
Series II															
06-30-2023 ³	13.14	0.21	1.41	1.62	—	—	—	—	14.76	12.33 ⁴	1.08 ⁵	1.07 ⁵	3.02 ⁵	44	42
12-31-2022	14.37	0.29	(1.06)	(0.77)	(0.46)	—	—	(0.46)	13.14	(4.98)	1.13	1.12	2.15	41	74
12-31-2021	13.04	0.43	1.25	1.68	(0.35)	—	—	(0.35)	14.37	12.86	1.13	1.12	3.02	46	60
12-31-2020	12.91	0.19	0.17	0.36	(0.23)	—	—	(0.23)	13.04	3.07	1.14	1.14	1.65	46	190 ⁶
12-31-2019	11.83	0.27	1.14	1.41	(0.33)	—	—	(0.33)	12.91	12.13	1.14	1.14	2.19	50	36
12-31-2018	14.32	0.23	(2.40)	(2.17)	(0.32)	—	—	(0.32)	11.83	(15.17)	1.12	1.11	1.67	50	34
Series NAV															
06-30-2023 ³	13.03	0.23	1.39	1.62	—	—	—	—	14.65	12.43 ⁴	0.83 ⁵	0.82 ⁵	3.26 ⁵	174	42
12-31-2022	14.26	0.31	(1.04)	(0.73)	(0.50)	—	—	(0.50)	13.03	(4.75)	0.88	0.87	2.35	151	74
12-31-2021	12.94	0.46	1.24	1.70	(0.38)	—	—	(0.38)	14.26	13.15	0.88	0.87	3.26	193	60
12-31-2020	12.82	0.21	0.16	0.37	(0.25)	—	—	(0.25)	12.94	3.27	0.89	0.89	1.90	178	190 ⁶
12-31-2019	11.75	0.30	1.13	1.43	(0.36)	—	—	(0.36)	12.82	12.41	0.89	0.89	2.41	177	36
12-31-2018	14.22	0.27	(2.39)	(2.12)	(0.35)	—	—	(0.35)	11.75	(14.96)	0.87	0.86	1.98	167	34
¹ Based on average daily shares outstanding. ² Total returns exclude insurance-related fees and expenses and would have been lower had certain expenses not been reduced during the applicable periods. ³ Six months ended 6-30-23. Unaudited. ⁴ Not annualized. ⁵ Annualized. ⁶ Increase in portfolio turnover rate resulted from repositioning of the portfolio during the period in accordance with investment policy changes approved by the Board of Trustees.															

John Hancock Variable Insurance Trust

Financial highlights

Per share operating performance for a share outstanding throughout each period										Ratios and supplemental data					
Period ended	Income (loss) from investment operations			Less distributions					Ratios to average net assets						
	Net asset value, beginning of period (\$)	Net investment income (loss) (\$) ¹	Net realized and unrealized gain (loss) on investments (\$)	Total from investment operations (\$)	From net investment income (\$)	From net realized gain (\$)	From tax return of capital (\$)	Total distributions (\$)	Net asset value, end of period (\$)	Total return (%) ²	Expenses before reductions (%)	Expenses including reductions (%)	Net investment income (loss) (%)	Net assets, end of period (in millions)	Portfolio turnover (%)
Emerging Markets Value Trust															
Series I															
06-30-2023 ³	8.88	0.16	0.56	0.72	—	—	—	—	9.60	8.11 ⁴	1.06 ⁵	1.05 ⁵	3.53 ⁵	6	4
12-31-2022	10.50	0.37	(1.63)	(1.26)	(0.36)	—	—	(0.36)	8.88	(11.67)	1.12	1.11	3.83	6	15
12-31-2021	9.67	0.26	0.83	1.09	(0.26)	—	—	(0.26)	10.50	11.18	1.09	1.08	2.48	7	26
12-31-2020	9.57	0.16	0.14	0.30	(0.20)	—	—	(0.20)	9.67	3.56	1.21	1.20	1.99	6	26
12-31-2019	8.93	0.16	0.78	0.94	(0.30)	—	—	(0.30)	9.57	10.94	1.18	1.17	1.79	6	23
12-31-2018	10.63	0.19	(1.63)	(1.44)	(0.26)	—	—	(0.26)	8.93	(13.60)	1.12	1.12	1.91	7	14
Series II															
06-30-2023 ³	8.89	0.15	0.56	0.71	—	—	—	—	9.60	7.99 ⁴	1.26 ⁵	1.25 ⁵	3.23 ⁵	25	4
12-31-2022	10.51	0.35	(1.63)	(1.28)	(0.34)	—	—	(0.34)	8.89	(11.87)	1.32	1.31	3.61	26	15
12-31-2021	9.67	0.24	0.84	1.08	(0.24)	—	—	(0.24)	10.51	11.08	1.29	1.28	2.27	34	26
12-31-2020	9.57	0.15	0.14	0.29	(0.19)	—	—	(0.19)	9.67	3.36	1.41	1.40	1.82	33	26
12-31-2019	8.93	0.15	0.77	0.92	(0.28)	—	—	(0.28)	9.57	10.71	1.38	1.37	1.64	35	23
12-31-2018	10.63	0.17	(1.63)	(1.46)	(0.24)	—	—	(0.24)	8.93	(13.79)	1.32	1.32	1.72	35	14
Series NAV															
06-30-2023 ³	8.87	0.16	0.56	0.72	—	—	—	—	9.59	8.12 ⁴	1.01 ⁵	1.00 ⁵	3.55 ⁵	181	4
12-31-2022	10.49	0.37	(1.63)	(1.26)	(0.36)	—	—	(0.36)	8.87	(11.63)	1.07	1.06	3.89	173	15
12-31-2021	9.65	0.27	0.83	1.10	(0.26)	—	—	(0.26)	10.49	11.25	1.04	1.03	2.55	210	26
12-31-2020	9.55	0.17	0.14	0.31	(0.21)	—	—	(0.21)	9.65	3.72	1.16	1.15	2.07	194	26
12-31-2019	8.92	0.17	0.76	0.93	(0.30)	—	—	(0.30)	9.55	10.89	1.13	1.12	1.87	193	23
12-31-2018	10.61	0.21	(1.63)	(1.42)	(0.27)	—	—	(0.27)	8.92	(13.48)	1.07	1.07	2.04	168	14
1 Based on average daily shares outstanding. 2 Total returns exclude insurance-related fees and expenses and would have been lower had certain expenses not been reduced during the applicable periods. 3 Six months ended 6-30-23. Unaudited. 4 Not annualized. 5 Annualized.															
Equity Income Trust															
Series I															
06-30-2023 ³	13.93	0.16	0.17	0.33	—	—	—	—	14.26	2.37 ⁴	0.79 ⁵	0.76 ⁵	2.29 ⁵	211	12
12-31-2022	16.63	0.30	(0.95)	(0.65)	(0.29)	(1.76)	—	(2.05)	13.93	(3.40)	0.78	0.75	1.92	218	16
12-31-2021	13.79	0.26	3.23	3.49	(0.32)	(0.33)	—	(0.65)	16.63	25.42	0.77	0.74	1.62	250	21
12-31-2020	15.35	0.30	(0.40)	(0.10)	(0.41)	(1.05)	—	(1.46)	13.79	1.02	0.79	0.76	2.32	225	28
12-31-2019	13.65	0.35	3.07	3.42	(0.31)	(1.41)	—	(1.72)	15.35	26.34	0.80	0.77	2.30	255	18 ⁶
12-31-2018	17.50	0.35	(1.74)	(1.39)	(0.30)	(2.16)	—	(2.46)	13.65	(9.58)	0.81	0.78	2.12	215	18
Series II															
06-30-2023 ³	13.82	0.14	0.18	0.32	—	—	—	—	14.14	2.32 ⁴	0.99 ⁵	0.96 ⁵	2.08 ⁵	108	12
12-31-2022	16.52	0.27	(0.95)	(0.68)	(0.26)	(1.76)	—	(2.02)	13.82	(3.64)	0.98	0.95	1.72	113	16
12-31-2021	13.70	0.23	3.21	3.44	(0.29)	(0.33)	—	(0.62)	16.52	25.21	0.97	0.94	1.42	130	21
12-31-2020	15.27	0.27	(0.40)	(0.13)	(0.39)	(1.05)	—	(1.44)	13.70	0.75	0.99	0.96	2.11	120	28
12-31-2019	13.58	0.31	3.07	3.38	(0.28)	(1.41)	—	(1.69)	15.27	26.17	1.00	0.97	2.10	137	18 ⁶
12-31-2018	17.42	0.32	(1.73)	(1.41)	(0.27)	(2.16)	—	(2.43)	13.58	(9.75)	1.01	0.98	1.92	111	18
Series NAV															
06-30-2023 ³	13.82	0.16	0.18	0.34	—	—	—	—	14.16	2.46 ⁴	0.74 ⁵	0.71 ⁵	2.34 ⁵	1,068	12
12-31-2022	16.52	0.31	(0.95)	(0.64)	(0.30)	(1.76)	—	(2.06)	13.82	(3.38)	0.73	0.70	1.96	1,043	16
12-31-2021	13.70	0.27	3.21	3.48	(0.33)	(0.33)	—	(0.66)	16.52	25.49	0.72	0.69	1.67	1,311	21
12-31-2020	15.27	0.31	(0.41)	(0.10)	(0.42)	(1.05)	—	(1.47)	13.70	1.01	0.74	0.71	2.38	1,139	28
12-31-2019	13.58	0.35	3.07	3.42	(0.32)	(1.41)	—	(1.73)	15.27	26.47	0.75	0.72	2.34	1,304	18 ⁶
12-31-2018	17.42	0.36	(1.73)	(1.37)	(0.31)	(2.16)	—	(2.47)	13.58	(9.52)	0.76	0.73	2.18	1,149	18
1 Based on average daily shares outstanding. 2 Total returns exclude insurance-related fees and expenses and would have been lower had certain expenses not been reduced during the applicable periods. 3 Six months ended 6-30-23. Unaudited. 4 Not annualized. 5 Annualized. 6 Excludes merger activity.															

John Hancock Variable Insurance Trust

Financial highlights

Per share operating performance for a share outstanding throughout each period										Ratios and supplemental data					
Period ended	Income (loss) from investment operations			Less distributions					Ratios to average net assets						
	Net asset value, beginning of period (\$)	Net investment income (loss) (\$) ¹	Net realized and unrealized gain (loss) on investments (\$)	Total from investment operations (\$)	From net investment income (\$)	From net realized gain (\$)	From tax return of capital (\$)	Total distributions (\$)	Net asset value, end of period (\$)	Total return (%) ²	Expenses before reductions (%)	Expenses including reductions (%)	Net investment income (loss) (%)	Net assets, end of period (in millions)	Portfolio turnover (%)
Financial Industries Trust															
Series I															
06-30-2023 ³	11.20	0.12	(1.00)	(0.88)	—	—	—	—	10.32	(7.86) ⁴	0.94 ⁵	0.93 ⁵	2.22 ⁵	75	33
12-31-2022	16.38	0.22	(2.47)	(2.25)	(0.35)	(2.58)	—	(2.93)	11.20	(13.67)	0.91	0.90	1.51	93	50
12-31-2021	12.79	0.15	3.65	3.80	(0.13)	(0.08)	—	(0.21)	16.38	29.70	0.90	0.89	0.96	132	74
12-31-2020	14.08	0.14	(0.06)	0.08	(0.17)	(1.20)	—	(1.37)	12.79	2.17	0.94	0.93	1.15	93	44
12-31-2019	11.90	0.21	3.39	3.60	(0.60)	(0.82)	—	(1.42)	14.08	31.79	0.91	0.90	1.53	113	28
12-31-2018	14.99	0.20	(2.15)	(1.95)	(0.18)	(0.96)	—	(1.14)	11.90	(14.49)	0.89	0.88	1.34	120	25
Series II															
06-30-2023 ³	11.06	0.11	(0.99)	(0.88)	—	—	—	—	10.18	(7.96) ⁴	1.14 ⁵	1.13 ⁵	2.03 ⁵	14	33
12-31-2022	16.21	0.18	(2.43)	(2.25)	(0.32)	(2.58)	—	(2.90)	11.06	(13.83)	1.11	1.10	1.31	16	50
12-31-2021	12.67	0.11	3.62	3.73	(0.11)	(0.08)	—	(0.19)	16.21	29.38	1.10	1.09	0.75	22	74
12-31-2020	13.96	0.11	(0.05)	0.06	(0.15)	(1.20)	—	(1.35)	12.67	1.99	1.14	1.13	0.95	15	44
12-31-2019	11.79	0.18	3.36	3.54	(0.55)	(0.82)	—	(1.37)	13.96	31.51	1.11	1.10	1.32	17	28
12-31-2018	14.88	0.17	(2.13)	(1.96)	(0.17)	(0.96)	—	(1.13)	11.79	(14.62)	1.09	1.08	1.14	15	25
Series NAV															
06-30-2023 ³	11.15	0.12	(1.00)	(0.88)	—	—	—	—	10.27	(7.89) ⁴	0.89 ⁵	0.88 ⁵	2.29 ⁵	24	33
12-31-2022	16.32	0.22	(2.45)	(2.23)	(0.36)	(2.58)	—	(2.94)	11.15	(13.61)	0.86	0.85	1.57	27	50
12-31-2021	12.75	0.15	3.64	3.79	(0.14)	(0.08)	—	(0.22)	16.32	29.70	0.85	0.84	1.01	34	74
12-31-2020	14.03	0.14	(0.04)	0.10	(0.18)	(1.20)	—	(1.38)	12.75	2.31	0.89	0.88	1.20	25	44
12-31-2019	11.88	0.21	3.38	3.59	(0.62)	(0.82)	—	(1.44)	14.03	31.71	0.86	0.85	1.57	28	28
12-31-2018	14.95	0.21	(2.14)	(1.93)	(0.18)	(0.96)	—	(1.14)	11.88	(14.38)	0.84	0.83	1.39	29	25
1 Based on average daily shares outstanding. 2 Total returns exclude insurance-related fees and expenses and would have been lower had certain expenses not been reduced during the applicable periods. 3 Six months ended 6-30-23. Unaudited. 4 Not annualized. 5 Annualized.															
Fundamental All Cap Core Trust															
Series I															
06-30-2023 ³	24.72	0.06	5.42	5.48	—	—	—	—	30.20	22.17 ⁴	0.77 ⁵	0.76 ⁵	0.42 ⁵	102	10
12-31-2022	36.40	0.07	(8.85)	(8.78)	(0.07)	(2.83)	—	(2.90)	24.72	(24.29)	0.76	0.76	0.24	85	29
12-31-2021	30.15	0.04	9.14	9.18	(0.04)	(2.89)	—	(2.93)	36.40	30.63	0.76	0.75	0.11	138	14
12-31-2020	24.56	0.06	6.42	6.48	(0.10)	(0.79)	—	(0.89)	30.15	26.87	0.76	0.76	0.26	120	19
12-31-2019	19.64	0.11	6.79	6.90	(0.10)	(1.88)	—	(1.98)	24.56	36.45	0.77	0.76	0.48	119	15
12-31-2018	25.83	0.09	(2.79)	(2.70)	(0.10)	(3.39)	—	(3.49)	19.64	(13.16)	0.76	0.76	0.36	122	24
Series II															
06-30-2023 ³	24.61	0.03	5.39	5.42	—	—	—	—	30.03	22.02 ⁴	0.97 ⁵	0.96 ⁵	0.21 ⁵	47	10
12-31-2022	36.24	0.01	(8.81)	(8.80)	— ⁶	(2.83)	—	(2.83)	24.61	(24.43)	0.96	0.96	0.04	41	29
12-31-2021	30.06	(0.03)	9.10	9.07	—	(2.89)	—	(2.89)	36.24	30.34	0.96	0.95	(0.09)	62	14
12-31-2020	24.49	0.01	6.40	6.41	(0.05)	(0.79)	—	(0.84)	30.06	26.65	0.96	0.96	0.05	51	19
12-31-2019	19.59	0.06	6.78	6.84	(0.06)	(1.88)	—	(1.94)	24.49	36.18	0.97	0.96	0.28	49	15
12-31-2018	25.77	0.04	(2.78)	(2.74)	(0.05)	(3.39)	—	(3.44)	19.59	(13.34)	0.96	0.96	0.17	41	24
Series NAV															
06-30-2023 ³	24.91	0.06	5.47	5.53	—	—	—	—	30.44	22.20 ⁴	0.72 ⁵	0.71 ⁵	0.46 ⁵	2,008	10
12-31-2022	36.66	0.09	(8.93)	(8.84)	(0.08)	(2.83)	—	(2.91)	24.91	(24.26)	0.71	0.71	0.29	1,717	29
12-31-2021	30.34	0.06	9.21	9.27	(0.06)	(2.89)	—	(2.95)	36.66	30.68	0.71	0.70	0.16	2,457	14
12-31-2020	24.71	0.08	6.45	6.53	(0.11)	(0.79)	—	(0.90)	30.34	26.97	0.71	0.71	0.30	2,017	19
12-31-2019	19.74	0.12	6.84	6.96	(0.11)	(1.88)	—	(1.99)	24.71	36.58	0.72	0.71	0.52	1,700	15
12-31-2018	25.96	0.11	(2.82)	(2.71)	(0.12)	(3.39)	—	(3.51)	19.74	(13.16)	0.71	0.71	0.42	1,347	24
1 Based on average daily shares outstanding. 2 Total returns exclude insurance-related fees and expenses and would have been lower had certain expenses not been reduced during the applicable periods. 3 Six months ended 6-30-23. Unaudited. 4 Not annualized. 5 Annualized. 6 Less than \$0.005 per share.															

John Hancock Variable Insurance Trust

Financial highlights

Per share operating performance for a share outstanding throughout each period										Ratios and supplemental data					
Period ended	Income (loss) from investment operations				Less distributions				Ratios to average net assets						
	Net asset value, beginning of period (\$)	Net investment income (loss) (\$) ¹	Net realized and unrealized gain (loss) on investments (\$)	Total from investment operations (\$)	From net investment income (\$)	From net realized gain (\$)	From tax return of capital (\$)	Total distributions (\$)	Net asset value, end of period (\$)	Total return (%) ²	Expenses before reductions (%)	Expenses including reductions (%)	Net investment income (loss) (%)	Net assets, end of period (in millions)	Portfolio turnover (%)
Fundamental Large Cap Value Trust															
Series I															
06-30-2023 ³	22.62	0.15	2.78	2.93	—	—	—	—	25.55	12.95 ⁴	0.78 ⁵	0.77 ⁵	1.27 ⁵	435	7
12-31-2022	28.91	0.26	(2.73)	(2.47)	(0.29)	(3.53)	—	(3.82)	22.62	(7.95)	0.78	0.77	1.01	408	21
12-31-2021	25.10	0.22	7.34	7.56	(0.24)	(3.51)	—	(3.75)	28.91	29.96	0.77	0.76	0.75	483	29
12-31-2020	23.13	0.21	2.44	2.65	(0.24)	(0.44)	—	(0.68)	25.10	11.96	0.79	0.78	0.95	391	44
12-31-2019	17.51	0.25	5.97	6.22	(0.25)	(0.35)	—	(0.60)	23.13	35.85	0.78	0.77	1.17	403	13
12-31-2018	21.36	0.25	(3.87)	(3.62)	(0.23)	—	—	(0.23)	17.51	(17.03)	0.75	0.74	1.18	366	31
Series II															
06-30-2023 ³	22.84	0.13	2.80	2.93	—	—	—	—	25.77	12.83 ⁴	0.98 ⁵	0.97 ⁵	1.06 ⁵	149	7
12-31-2022	29.14	0.21	(2.74)	(2.53)	(0.24)	(3.53)	—	(3.77)	22.84	(8.13)	0.98	0.97	0.81	143	21
12-31-2021	25.28	0.16	7.39	7.55	(0.18)	(3.51)	—	(3.69)	29.14	29.72	0.97	0.96	0.55	177	29
12-31-2020	23.29	0.16	2.47	2.63	(0.20)	(0.44)	—	(0.64)	25.28	11.75	0.99	0.98	0.75	160	44
12-31-2019	17.63	0.21	6.00	6.21	(0.20)	(0.35)	—	(0.55)	23.29	35.59	0.98	0.97	0.97	164	13
12-31-2018	21.51	0.21	(3.90)	(3.69)	(0.19)	—	—	(0.19)	17.63	(17.23)	0.95	0.94	0.98	150	31
Series NAV															
06-30-2023 ³	22.64	0.16	2.77	2.93	—	—	—	—	25.57	12.94 ⁴	0.73 ⁵	0.72 ⁵	1.33 ⁵	172	7
12-31-2022	28.92	0.28	(2.72)	(2.44)	(0.31)	(3.53)	—	(3.84)	22.64	(7.86)	0.73	0.72	1.06	163	21
12-31-2021	25.11	0.23	7.34	7.57	(0.25)	(3.51)	—	(3.76)	28.92	30.00	0.72	0.71	0.79	163	29
12-31-2020	23.14	0.21	2.45	2.66	(0.25)	(0.44)	—	(0.69)	25.11	12.01	0.74	0.73	0.99	125	44
12-31-2019	17.51	0.25	5.99	6.24	(0.26)	(0.35)	—	(0.61)	23.14	35.97	0.73	0.72	1.21	97	13
12-31-2018	21.37	0.26	(3.88)	(3.62)	(0.24)	—	—	(0.24)	17.51	(17.03)	0.70	0.69	1.23	79	31
1 Based on average daily shares outstanding. 2 Total returns exclude insurance-related fees and expenses and would have been lower had certain expenses not been reduced during the applicable periods. 3 Six months ended 6-30-23. Unaudited. 4 Not annualized. 5 Annualized.															
Global Equity Trust															
Series I															
06-30-2023 ³	19.49	0.18	2.19	2.37	—	—	—	—	21.86	12.16 ⁴	0.94 ⁵	0.94 ⁵	1.77 ⁵	223	24
12-31-2022	25.34	0.31	(4.12)	(3.81)	(0.61)	(1.43)	—	(2.04)	19.49	(14.84)	0.94	0.93	1.40	212	61
12-31-2021	20.89	0.39	4.06	4.45	—	—	—	—	25.34	21.30	0.93	0.92	1.68	277	64
12-31-2020	20.04	0.18	1.09	1.27	(0.23)	(0.17)	(0.02)	(0.42)	20.89	6.60	1.06	1.05	0.96	265	120 ^{6,7}
12-31-2019	18.37	0.49	2.32	2.81	(0.42)	(0.72)	—	(1.14)	20.04	16.04	1.00	0.95	2.51	115	20
12-31-2018	21.93	0.41	(3.58)	(3.17)	(0.39)	—	—	(0.39)	18.37	(14.49)	0.98	0.95	1.91	115	30
Series II															
06-30-2023 ³	19.35	0.16	2.17	2.33	—	—	—	—	21.68	12.04 ⁴	1.14 ⁵	1.14 ⁵	1.56 ⁵	22	24
12-31-2022	25.17	0.26	(4.09)	(3.83)	(0.56)	(1.43)	—	(1.99)	19.35	(15.01)	1.14	1.13	1.20	21	61
12-31-2021	20.79	0.34	4.04	4.38	—	—	—	—	25.17	21.01	1.13	1.12	1.46	29	64
12-31-2020	19.95	0.18	1.04	1.22	(0.19)	(0.17)	(0.02)	(0.38)	20.79	6.42	1.26	1.25	0.96	27	120 ^{6,7}
12-31-2019	18.29	0.45	2.31	2.76	(0.38)	(0.72)	—	(1.10)	19.95	15.83	1.20	1.15	2.31	31	20
12-31-2018	21.83	0.37	(3.56)	(3.19)	(0.35)	—	—	(0.35)	18.29	(14.65)	1.18	1.15	1.72	31	30
Series NAV															
06-30-2023 ³	19.47	0.19	2.18	2.37	—	—	—	—	21.84	12.17 ⁴	0.89 ⁵	0.89 ⁵	1.83 ⁵	47	24
12-31-2022	25.32	0.32	(4.12)	(3.80)	(0.62)	(1.43)	—	(2.05)	19.47	(14.81)	0.89	0.88	1.45	42	61
12-31-2021	20.87	0.39	4.06	4.45	—	—	—	—	25.32	21.32	0.88	0.87	1.69	51	64
12-31-2020	20.01	0.22	1.07	1.29	(0.24)	(0.17)	(0.02)	(0.43)	20.87	6.71	1.01	1.00	1.20	44	120 ^{6,7}
12-31-2019	18.35	0.49	2.32	2.81	(0.43)	(0.72)	—	(1.15)	20.01	16.06	0.95	0.90	2.53	43	20
12-31-2018	21.90	0.42	(3.56)	(3.14)	(0.41)	—	—	(0.41)	18.35	(14.42)	0.93	0.90	1.94	38	30
1 Based on average daily shares outstanding. 2 Total returns exclude insurance-related fees and expenses and would have been lower had certain expenses not been reduced during the applicable periods. 3 Six months ended 6-30-23. Unaudited. 4 Not annualized. 5 Annualized. 6 Increase in portfolio turnover rate resulted from repositioning of the portfolio during the period in accordance with investment policy changes approved by the Board of Trustees. 7 Excludes merger activity.															

John Hancock Variable Insurance Trust

Financial highlights

Per share operating performance for a share outstanding throughout each period										Ratios and supplemental data					
Period ended	Income (loss) from investment operations			Less distributions				Ratios to average net assets							
	Net asset value, beginning of period (\$)	Net investment income (loss) (\$) ¹	Net realized and unrealized gain (loss) on investments (\$)	Total from investment operations (\$)	From net investment income (\$)	From net realized gain (\$)	From tax return of capital (\$)	Total distributions (\$)	Net asset value, end of period (\$)	Total return (%) ²	Expenses before reductions (%)	Expenses including reductions (%)	Net investment income (loss) (%)	Net assets, end of period (in millions)	Portfolio turnover (%)
Health Sciences Trust															
Series I															
06-30-2023 ³	23.84	(0.03)	0.43	0.40	—	—	—	—	24.24	1.68 ⁴	1.04 ⁵	0.99 ⁵	(0.21) ⁵	61	21
12-31-2022	31.29	(0.07)	(4.14)	(4.21)	—	(3.24)	—	(3.24)	23.84	(13.09)	1.06	1.01	(0.29)	65	24
12-31-2021	31.07	(0.15)	3.67	3.52	—	(3.30)	—	(3.30)	31.29	11.19	1.08	1.03	(0.47)	80	29
12-31-2020	27.18	(0.09)	7.18	7.09	—	(3.20)	—	(3.20)	31.07	27.17	1.15	1.09	(0.32)	80	38
12-31-2019	22.87	(0.08)	6.36	6.28	—	(1.97)	—	(1.97)	27.18	28.68	1.16	1.10	(0.32)	72	34
12-31-2018	25.03	(0.07)	0.57	0.50	—	(2.66)	—	(2.66)	22.87	0.69	1.16	1.09	(0.27)	99	42
Series II															
06-30-2023 ³	20.73	(0.04)	0.36	0.32	—	—	—	—	21.05	1.54 ⁴	1.24 ⁵	1.19 ⁵	(0.41) ⁵	53	21
12-31-2022	27.76	(0.11)	(3.68)	(3.79)	—	(3.24)	—	(3.24)	20.73	(13.24)	1.26	1.21	(0.49)	56	24
12-31-2021	27.95	(0.19)	3.30	3.11	—	(3.30)	—	(3.30)	27.76	10.97	1.28	1.23	(0.67)	75	29
12-31-2020	24.78	(0.13)	6.50	6.37	—	(3.20)	—	(3.20)	27.95	26.89	1.35	1.29	(0.52)	84	38
12-31-2019	21.05	(0.12)	5.82	5.70	—	(1.97)	—	(1.97)	24.78	28.40	1.36	1.30	(0.53)	71	34
12-31-2018	23.26	(0.11)	0.56	0.45	—	(2.66)	—	(2.66)	21.05	0.52	1.36	1.29	(0.47)	66	42
Series NAV															
06-30-2023 ³	24.46	(0.02)	0.43	0.41	—	—	—	—	24.87	1.68 ⁴	0.99 ⁵	0.94 ⁵	(0.16) ⁵	155	21
12-31-2022	31.98	(0.06)	(4.22)	(4.28)	—	(3.24)	—	(3.24)	24.46	(13.02)	1.01	0.96	(0.23)	157	24
12-31-2021	31.68	(0.14)	3.74	3.60	—	(3.30)	—	(3.30)	31.98	11.23	1.03	0.98	(0.42)	183	29
12-31-2020	27.64	(0.08)	7.32	7.24	—	(3.20)	—	(3.20)	31.68	27.26	1.10	1.04	(0.27)	162	38
12-31-2019	23.22	(0.08)	6.47	6.39	—	(1.97)	—	(1.97)	27.64	28.67	1.11	1.05	(0.29)	130	34
12-31-2018	25.37	(0.06)	0.57	0.51	—	(2.66)	—	(2.66)	23.22	0.76	1.11	1.04	(0.22)	107	42
1 Based on average daily shares outstanding. 2 Total returns exclude insurance-related fees and expenses and would have been lower had certain expenses not been reduced during the applicable periods. 3 Six months ended 6-30-23. Unaudited. 4 Not annualized. 5 Annualized.															
International Equity Index Trust															
Series I															
06-30-2023 ³	16.31	0.29	1.33	1.62	—	—	—	—	17.93	9.93 ⁴	0.65 ⁵	0.39 ⁵	3.30 ⁵	319	2
12-31-2022	20.25	0.48	(3.84)	(3.36)	(0.50)	(0.08)	—	(0.58)	16.31	(16.25)	0.67	0.39	2.77	294	6
12-31-2021	19.55	0.48	1.02	1.50	(0.55)	(0.25)	—	(0.80)	20.25	7.59	0.65	0.39	2.29	371	5
12-31-2020	18.30	0.35	1.51	1.86	(0.44)	(0.17)	—	(0.61)	19.55	10.64	0.66	0.39	2.07	361	5
12-31-2019	15.44	0.50	2.77	3.27	(0.41)	—	—	(0.41)	18.30	21.37	0.67	0.39	2.92	359	5 ⁶
12-31-2018	18.44	0.45	(3.02)	(2.57)	(0.42)	(0.01)	—	(0.43)	15.44	(14.09)	0.66	0.39	2.55	334	2
Series II															
06-30-2023 ³	16.34	0.27	1.33	1.60	—	—	—	—	17.94	9.79 ⁴	0.85 ⁵	0.59 ⁵	3.08 ⁵	19	2
12-31-2022	20.27	0.44	(3.82)	(3.38)	(0.47)	(0.08)	—	(0.55)	16.34	(16.39)	0.87	0.59	2.55	17	6
12-31-2021	19.58	0.43	1.02	1.45	(0.51)	(0.25)	—	(0.76)	20.27	7.33	0.85	0.59	2.09	23	5
12-31-2020	18.32	0.32	1.51	1.83	(0.40)	(0.17)	—	(0.57)	19.58	10.48	0.86	0.59	1.87	23	5
12-31-2019	15.46	0.44	2.80	3.24	(0.38)	—	—	(0.38)	18.32	21.11	0.87	0.59	2.55	22	5 ⁶
12-31-2018	18.46	0.42	(3.03)	(2.61)	(0.38)	(0.01)	—	(0.39)	15.46	(14.27)	0.86	0.59	2.37	14	2
Series NAV															
06-30-2023 ³	16.31	0.29	1.32	1.61	—	—	—	—	17.92	9.87 ⁴	0.60 ⁵	0.34 ⁵	3.34 ⁵	496	2
12-31-2022	20.24	0.49	(3.83)	(3.34)	(0.51)	(0.08)	—	(0.59)	16.31	(16.16)	0.62	0.34	2.84	468	6
12-31-2021	19.55	0.48	1.02	1.50	(0.56)	(0.25)	—	(0.81)	20.24	7.59	0.60	0.34	2.33	535	5
12-31-2020	18.29	0.36	1.51	1.87	(0.44)	(0.17)	—	(0.61)	19.55	10.76	0.61	0.34	2.11	484	5
12-31-2019	15.43	0.50	2.78	3.28	(0.42)	—	—	(0.42)	18.29	21.44	0.62	0.34	2.91	458	5 ⁶
12-31-2018	18.44	0.46	(3.03)	(2.57)	(0.43)	(0.01)	—	(0.44)	15.43	(14.10)	0.61	0.34	2.58	331	2
1 Based on average daily shares outstanding. 2 Total returns exclude insurance-related fees and expenses and would have been lower had certain expenses not been reduced during the applicable periods. 3 Six months ended 6-30-23. Unaudited. 4 Not annualized. 5 Annualized. 6 Excludes merger activity.															

John Hancock Variable Insurance Trust

Financial highlights

Per share operating performance for a share outstanding throughout each period										Ratios and supplemental data					
Period ended	Income (loss) from investment operations			Less distributions					Ratios to average net assets						
	Net asset value, beginning of period (\$)	Net investment income (loss) (\$) ¹	Net realized and unrealized gain (loss) on investments (\$)	Total from investment operations (\$)	From net investment income (\$)	From net realized gain (\$)	From tax return of capital (\$)	Total distributions (\$)	Net asset value, end of period (\$)	Total return (%) ²	Expenses before reductions (%)	Expenses including reductions (%)	Net investment income (loss) (%)	Net assets, end of period (in millions)	Portfolio turnover (%)
International Small Company Trust															
Series I															
06-30-2023 ³	11.72	0.17	0.57	0.74	—	—	—	—	12.46	6.31 ⁴	1.04 ⁵	1.03 ⁵	2.85 ⁵	19	4
12-31-2022	16.08	0.25	(3.32)	(3.07)	(0.26)	(1.03)	—	(1.29)	11.72	(18.17)	1.08	1.08	1.92	19	20
12-31-2021	14.73	0.21	1.82	2.03	(0.21)	(0.47)	—	(0.68)	16.08	13.72	1.08	1.07	1.31	26	23
12-31-2020	14.38	0.15	0.93	1.08	(0.28)	(0.45)	—	(0.73)	14.73	8.37	1.23	1.22	1.20	27	14
12-31-2019	12.55	0.24	2.47	2.71	(0.30)	(0.58)	—	(0.88)	14.38	22.60	1.20	1.19	1.76	28	12
12-31-2018	15.95	0.24	(3.45)	(3.21)	(0.19)	—	—	(0.19)	12.55	(20.09)	1.15	1.14	1.55	25	20
Series II															
06-30-2023 ³	11.70	0.17	0.56	0.73	—	—	—	—	12.43	6.24 ⁴	1.24 ⁵	1.23 ⁵	2.70 ⁵	12	4
12-31-2022	16.05	0.22	(3.31)	(3.09)	(0.23)	(1.03)	—	(1.26)	11.70	(18.35)	1.28	1.28	1.70	12	20
12-31-2021	14.71	0.18	1.81	1.99	(0.18)	(0.47)	—	(0.65)	16.05	13.47	1.28	1.27	1.12	15	23
12-31-2020	14.36	0.13	0.92	1.05	(0.25)	(0.45)	—	(0.70)	14.71	8.17	1.43	1.42	0.99	15	14
12-31-2019	12.51	0.21	2.47	2.68	(0.25)	(0.58)	—	(0.83)	14.36	22.35	1.40	1.39	1.55	15	12
12-31-2018	15.93	0.20	(3.43)	(3.23)	(0.19)	—	—	(0.19)	12.51	(20.27)	1.35	1.34	1.34	14	20
Series NAV															
06-30-2023 ³	11.72	0.18	0.57	0.75	—	—	—	—	12.47	6.40 ⁴	0.99 ⁵	0.98 ⁵	2.93 ⁵	69	4
12-31-2022	16.09	0.26	(3.33)	(3.07)	(0.27)	(1.03)	—	(1.30)	11.72	(18.17)	1.03	1.03	1.96	68	20
12-31-2021	14.74	0.22	1.82	2.04	(0.22)	(0.47)	—	(0.69)	16.09	13.77	1.03	1.02	1.37	88	23
12-31-2020	14.39	0.16	0.92	1.08	(0.28)	(0.45)	—	(0.73)	14.74	8.41	1.18	1.17	1.25	75	14
12-31-2019	12.56	0.25	2.48	2.73	(0.32)	(0.58)	—	(0.90)	14.39	22.70	1.15	1.14	1.81	73	12
12-31-2018	15.96	0.24	(3.44)	(3.20)	(0.20)	—	—	(0.20)	12.56	(20.08)	1.10	1.09	1.58	74	20
1 Based on average daily shares outstanding. 2 Total returns exclude insurance-related fees and expenses and would have been lower had certain expenses not been reduced during the applicable periods. 3 Six months ended 6-30-23. Unaudited. 4 Not annualized. 5 Annualized.															
Lifestyle Balanced Portfolio															
Series I															
06-30-2023 ³	12.55	(0.01) ⁴	1.04	1.03	—	—	—	—	13.58	8.21 ⁵	0.13 ^{6,7}	0.12 ^{6,7}	(0.12) ^{4,6}	36	2
12-31-2022	16.79	0.31 ⁴	(2.95)	(2.64)	(0.30)	(1.30)	—	(1.60)	12.55	(15.45)	0.12 ⁷	0.12 ⁷	2.11 ⁴	32	15
12-31-2021	16.40	0.37 ⁴	1.17	1.54	(0.37)	(0.78)	—	(1.15)	16.79	9.44	0.12 ⁷	0.11 ⁷	2.18 ⁴	42	10
12-31-2020	15.43	0.38 ⁴	1.53	1.91	(0.37)	(0.57)	—	(0.94)	16.40	12.69	0.12 ⁷	0.12 ⁷	2.45 ⁴	41	15
12-31-2019	13.76	0.33 ⁴	2.09	2.42	(0.30)	(0.45)	—	(0.75)	15.43	17.73	0.12 ⁷	0.12 ⁷	2.19 ⁴	37	11
12-31-2018	14.98	0.32 ⁴	(0.96)	(0.64)	(0.33)	(0.25)	—	(0.58)	13.76	(4.36)	0.12 ⁷	0.12 ⁷	2.13 ⁴	32	8
Series II															
06-30-2023 ³	12.58	(0.02) ⁴	1.04	1.02	—	—	—	—	13.60	8.11 ⁵	0.33 ^{6,7}	0.32 ^{6,7}	(0.32) ^{4,6}	761	2
12-31-2022	16.82	0.27 ⁴	(2.94)	(2.67)	(0.27)	(1.30)	—	(1.57)	12.58	(15.60)	0.32 ⁷	0.32 ⁷	1.87 ⁴	730	15
12-31-2021	16.43	0.34 ⁴	1.17	1.51	(0.34)	(0.78)	—	(1.12)	16.82	9.21	0.32 ⁷	0.31 ⁷	1.98 ⁴	997	10
12-31-2020	15.46	0.35 ⁴	1.53	1.88	(0.34)	(0.57)	—	(0.91)	16.43	12.47	0.32 ⁷	0.32 ⁷	2.26 ⁴	960	15
12-31-2019	13.78	0.29 ⁴	2.11	2.40	(0.27)	(0.45)	—	(0.72)	15.46	17.56	0.32 ⁷	0.32 ⁷	1.94 ⁴	860	11
12-31-2018	15.01	0.27 ⁴	(0.95)	(0.68)	(0.30)	(0.25)	—	(0.55)	13.78	(4.63)	0.32 ⁷	0.32 ⁷	1.84 ⁴	781	8
Series NAV															
06-30-2023 ³	12.54	— ^{4,8}	1.03	1.03	—	—	—	—	13.57	8.21 ⁵	0.08 ^{6,7}	0.07 ^{6,7}	(0.07) ^{4,6}	145	2
12-31-2022	16.77	0.32 ⁴	(2.94)	(2.62)	(0.31)	(1.30)	—	(1.61)	12.54	(15.36)	0.07 ⁷	0.07 ⁷	2.21 ⁴	137	15
12-31-2021	16.38	0.40 ⁴	1.15	1.55	(0.38)	(0.78)	—	(1.16)	16.77	9.51	0.07 ⁷	0.06 ⁷	2.33 ⁴	161	10
12-31-2020	15.42	0.40 ⁴	1.51	1.91	(0.38)	(0.57)	—	(0.95)	16.38	12.68	0.07 ⁷	0.07 ⁷	2.57 ⁴	136	15
12-31-2019	13.74	0.34 ⁴	2.09	2.43	(0.30)	(0.45)	—	(0.75)	15.42	17.89	0.07 ⁷	0.07 ⁷	2.29 ⁴	113	11
12-31-2018	14.97	0.34 ⁴	(0.98)	(0.64)	(0.34)	(0.25)	—	(0.59)	13.74	(4.39)	0.07 ⁷	0.07 ⁷	2.28 ⁴	89	8
1 Based on average daily shares outstanding. 2 Total returns exclude insurance-related fees and expenses and would have been lower had certain expenses not been reduced during the applicable periods. 3 Six months ended 6-30-23. Unaudited. 4 Net investment income is affected by the timing and frequency of the declaration of dividends by the underlying funds in which the portfolio invests. 5 Not annualized. 6 Annualized. 7 Ratios do not include expenses indirectly incurred from underlying funds and can vary based on the mix of underlying funds held by the portfolio. 8 Less than \$0.005 per share.															

John Hancock Variable Insurance Trust

Financial highlights

Per share operating performance for a share outstanding throughout each period										Ratios and supplemental data					
Period ended	Income (loss) from investment operations			Less distributions				Ratios to average net assets							
	Net asset value, beginning of period (\$)	Net investment income (loss) (\$) ¹	Net realized and unrealized gain (loss) on investments (\$)	Total from investment operations (\$)	From net investment income (\$)	From net realized gain (\$)	From tax return of capital (\$)	Total distributions (\$)	Net asset value, end of period (\$)	Total return (%) ²	Expenses before reductions (%)	Expenses including reductions (%)	Net investment income (loss) (%)	Net assets, end of period (in millions)	Portfolio turnover (%)
Lifestyle Conservative Portfolio															
Series I															
06-30-2023 ³	11.01	(0.01) ⁴	0.55	0.54	—	—	—	—	11.55	4.90 ⁵	0.17 ^{6,7}	0.13 ^{6,7}	(0.13) ^{4,6}	14	4
12-31-2022	14.10	0.32 ⁴	(2.41)	(2.09)	(0.32)	(0.68)	—	(1.00)	11.01	(14.62)	0.16 ⁷	0.13 ⁷	2.59 ⁴	14	16
12-31-2021	14.43	0.38 ⁴	0.04	0.42	(0.35)	(0.40)	—	(0.75)	14.10	2.96	0.14 ⁷	0.13 ⁷	2.62 ⁴	18	22
12-31-2020	13.68	0.45 ⁴	1.01	1.46	(0.40)	(0.31)	—	(0.71)	14.43	10.75	0.15 ⁷	0.13 ⁷	3.19 ⁴	16	21
12-31-2019	12.67	0.32 ⁴	1.25	1.57	(0.30)	(0.26)	—	(0.56)	13.68	12.46	0.15 ⁷	0.13 ⁷	2.36 ⁴	12	21
12-31-2018	13.39	0.33 ⁴	(0.59)	(0.26)	(0.32)	(0.14)	—	(0.46)	12.67	(1.97)	0.16 ⁷	0.12 ⁷	2.48 ⁴	11	21
Series II															
06-30-2023 ³	11.03	(0.02) ⁴	0.55	0.53	—	—	—	—	11.56	4.81 ⁵	0.37 ^{6,7}	0.33 ^{6,7}	(0.33) ^{4,6}	148	4
12-31-2022	14.11	0.28 ⁴	(2.38)	(2.10)	(0.30)	(0.68)	—	(0.98)	11.03	(14.71)	0.36 ⁷	0.33 ⁷	2.27 ⁴	144	16
12-31-2021	14.45	0.32 ⁴	0.07	0.39	(0.33)	(0.40)	—	(0.73)	14.11	2.68	0.34 ⁷	0.33 ⁷	2.19 ⁴	200	22
12-31-2020	13.70	0.38 ⁴	1.05	1.43	(0.37)	(0.31)	—	(0.68)	14.45	10.53	0.35 ⁷	0.33 ⁷	2.71 ⁴	208	21
12-31-2019	12.69	0.30 ⁴	1.25	1.55	(0.28)	(0.26)	—	(0.54)	13.70	12.22	0.35 ⁷	0.33 ⁷	2.20 ⁴	170	21
12-31-2018	13.41	0.30 ⁴	(0.58)	(0.28)	(0.30)	(0.14)	—	(0.44)	12.69	(2.17)	0.36 ⁷	0.32 ⁷	2.29 ⁴	164	21
Series NAV															
06-30-2023 ³	11.00	— ^{4,8}	0.54	0.54	—	—	—	—	11.54	4.91 ⁵	0.12 ^{6,7}	0.08 ^{6,7}	(0.08) ^{4,6}	7	4
12-31-2022	14.08	0.35 ⁴	(2.42)	(2.07)	(0.33)	(0.68)	—	(1.01)	11.00	(14.52)	0.11 ⁷	0.08 ⁷	2.84 ⁴	8	16
12-31-2021	14.42	0.33 ⁴	0.09	0.42	(0.36)	(0.40)	—	(0.76)	14.08	2.94	0.09 ⁷	0.08 ⁷	2.24 ⁴	8	22
12-31-2020	13.67	0.57 ⁴	0.89	1.46	(0.40)	(0.31)	—	(0.71)	14.42	10.80	0.10 ⁷	0.08 ⁷	4.03 ⁴	9	21
12-31-2019	12.66	0.31 ⁴	1.27	1.58	(0.31)	(0.26)	—	(0.57)	13.67	12.52	0.10 ⁷	0.08 ⁷	2.29 ⁴	4	21
12-31-2018	13.38	0.36 ⁴	(0.61)	(0.25)	(0.33)	(0.14)	—	(0.47)	12.66	(1.92)	0.11 ⁷	0.07 ⁷	2.70 ⁴	5	21
¹ Based on average daily shares outstanding. ² Total returns exclude insurance-related fees and expenses and would have been lower had certain expenses not been reduced during the applicable periods. ³ Six months ended 6-30-23. Unaudited. ⁴ Net investment income is affected by the timing and frequency of the declaration of dividends by the underlying funds in which the portfolio invests. ⁵ Not annualized. ⁶ Annualized. ⁷ Ratios do not include expenses indirectly incurred from underlying funds and can vary based on the mix of underlying funds held by the portfolio. ⁸ Less than \$0.005 per share.															
Lifestyle Growth Portfolio															
Series I															
06-30-2023 ³	13.15	(0.01) ⁴	1.40	1.39	—	—	—	—	14.54	10.57 ⁵	0.12 ^{6,7}	0.11 ^{6,7}	(0.11) ^{4,6}	202	— ⁸
12-31-2022	18.57	0.29 ⁴	(3.35)	(3.06)	(0.27)	(2.09)	—	(2.36)	13.15	(16.08)	0.12 ⁷	0.11 ⁷	1.81 ⁴	194	12
12-31-2021	17.79	0.37 ⁴	2.11	2.48	(0.36)	(1.34)	—	(1.70)	18.57	14.07	0.11 ⁷	0.11 ⁷	1.97 ⁴	252	12 ⁹
12-31-2020	16.92	0.36 ⁴	1.84	2.20	(0.37)	(0.96)	—	(1.33)	17.79	13.58	0.12 ⁷	0.11 ⁷	2.19 ⁴	236	13
12-31-2019	14.86	0.32 ⁴	2.81	3.13	(0.30)	(0.77)	—	(1.07)	16.92	21.45	0.12 ⁷	0.11 ⁷	1.96 ⁴	224	7
12-31-2018	16.41	0.30 ⁴	(1.28)	(0.98)	(0.32)	(0.25)	—	(0.57)	14.86	(6.12)	0.11 ⁷	0.11 ⁷	1.85 ⁴	207	5
Series II															
06-30-2023 ³	13.17	(0.02) ⁴	1.39	1.37	—	—	—	—	14.54	10.40 ⁵	0.32 ^{6,7}	0.31 ^{6,7}	(0.31) ^{4,6}	4,381	— ⁸
12-31-2022	18.59	0.25 ⁴	(3.34)	(3.09)	(0.24)	(2.09)	—	(2.33)	13.17	(16.24)	0.32 ⁷	0.31 ⁷	1.59 ⁴	4,184	12
12-31-2021	17.81	0.33 ⁴	2.11	2.44	(0.32)	(1.34)	—	(1.66)	18.59	13.84	0.31 ⁷	0.31 ⁷	1.72 ⁴	5,588	12 ⁹
12-31-2020	16.94	0.33 ⁴	1.84	2.17	(0.34)	(0.96)	—	(1.30)	17.81	13.37	0.32 ⁷	0.31 ⁷	1.97 ⁴	5,588	13
12-31-2019	14.88	0.29 ⁴	2.81	3.10	(0.27)	(0.77)	—	(1.04)	16.94	21.20	0.32 ⁷	0.31 ⁷	1.75 ⁴	5,567	7
12-31-2018	16.43	0.27 ⁴	(1.29)	(1.02)	(0.28)	(0.25)	—	(0.53)	14.88	(6.31)	0.31 ⁷	0.31 ⁷	1.62 ⁴	5,225	5
Series NAV															
06-30-2023 ³	13.15	— ^{4,10}	1.39	1.39	—	—	—	—	14.54	10.57 ⁵	0.07 ^{6,7}	0.06 ^{6,7}	(0.06) ^{4,6}	543	— ⁸
12-31-2022	18.56	0.30 ⁴	(3.34)	(3.04)	(0.28)	(2.09)	—	(2.37)	13.15	(15.99)	0.07 ⁷	0.06 ⁷	1.92 ⁴	495	12
12-31-2021	17.78	0.40 ⁴	2.09	2.49	(0.37)	(1.34)	—	(1.71)	18.56	14.13	0.06 ⁷	0.06 ⁷	2.12 ⁴	587	12 ⁹
12-31-2020	16.91	0.38 ⁴	1.83	2.21	(0.38)	(0.96)	—	(1.34)	17.78	13.63	0.07 ⁷	0.06 ⁷	2.30 ⁴	477	13
12-31-2019	14.85	0.34 ⁴	2.80	3.14	(0.31)	(0.77)	—	(1.08)	16.91	21.52	0.07 ⁷	0.06 ⁷	2.10 ⁴	415	7
12-31-2018	16.40	0.33 ⁴	(1.31)	(0.98)	(0.32)	(0.25)	—	(0.57)	14.85	(6.07)	0.06 ⁷	0.06 ⁷	2.00 ⁴	339	5
¹ Based on average daily shares outstanding. ² Total returns exclude insurance-related fees and expenses and would have been lower had certain expenses not been reduced during the applicable periods. ³ Six months ended 6-30-23. Unaudited. ⁴ Net investment income is affected by the timing and frequency of the declaration of dividends by the underlying funds in which the portfolio invests. ⁵ Not annualized. ⁶ Annualized. ⁷ Ratios do not include expenses indirectly incurred from underlying funds and can vary based on the mix of underlying funds held by the portfolio. ⁸ Less than 1%. ⁹ Excludes merger activity. ¹⁰ Less than \$0.005 per share.															

John Hancock Variable Insurance Trust

Financial highlights

Per share operating performance for a share outstanding throughout each period										Ratios and supplemental data					
Period ended	Income (loss) from investment operations			Less distributions					Ratios to average net assets						
	Net asset value, beginning of period (\$)	Net investment income (loss) (\$) ¹	Net realized and unrealized gain (loss) on investments (\$)	Total from investment operations (\$)	From net investment income (\$)	From net realized gain (\$)	From tax return of capital (\$)	Total distributions (\$)	Net asset value, end of period (\$)	Total return (%) ²	Expenses before reductions (%)	Expenses including reductions (%)	Net investment income (loss) (%)	Net assets, end of period (in millions)	Portfolio turnover (%)
Lifestyle Moderate Portfolio															
Series I															
06-30-2023 ³	11.97	(0.01) ⁴	0.86	0.85	—	—	—	—	12.82	7.10 ⁵	0.15 ^{6,7}	0.13 ^{6,7}	(0.13) ^{4,6}	13	3
12-31-2022	15.82	0.31 ⁴	(2.75)	(2.44)	(0.31)	(1.10)	—	(1.41)	11.97	(15.19)	0.14 ⁷	0.13 ⁷	2.28 ⁴	12	15
12-31-2021	15.74	0.38 ⁴	0.75	1.13	(0.36)	(0.69)	—	(1.05)	15.82	7.25	0.13 ⁷	0.13 ⁷	2.36 ⁴	16	13
12-31-2020	14.85	0.40 ⁴	1.36	1.76	(0.38)	(0.49)	—	(0.87)	15.74	12.09	0.14 ⁷	0.13 ⁷	2.64 ⁴	14	17
12-31-2019	13.38	0.33 ⁴	1.79	2.12	(0.29)	(0.36)	—	(0.65)	14.85	15.97	0.14 ⁷	0.13 ⁷	2.28 ⁴	12	15
12-31-2018	14.44	0.31 ⁴	(0.81)	(0.50)	(0.33)	(0.23)	—	(0.56)	13.38	(3.58)	0.14 ⁷	0.13 ⁷	2.17 ⁴	10	8
Series II															
06-30-2023 ³	12.00	(0.02) ⁴	0.86	0.84	—	—	—	—	12.84	7.00 ⁵	0.35 ^{6,7}	0.33 ^{6,7}	(0.33) ^{4,6}	232	3
12-31-2022	15.85	0.28 ⁴	(2.75)	(2.47)	(0.28)	(1.10)	—	(1.38)	12.00	(15.34)	0.34 ⁷	0.33 ⁷	2.00 ⁴	224	15
12-31-2021	15.77	0.33 ⁴	0.77	1.10	(0.33)	(0.69)	—	(1.02)	15.85	7.03	0.33 ⁷	0.33 ⁷	2.05 ⁴	301	13
12-31-2020	14.88	0.37 ⁴	1.36	1.73	(0.35)	(0.49)	—	(0.84)	15.77	11.87	0.34 ⁷	0.33 ⁷	2.43 ⁴	307	17
12-31-2019	13.41	0.29 ⁴	1.80	2.09	(0.26)	(0.36)	—	(0.62)	14.88	15.72	0.34 ⁷	0.33 ⁷	2.00 ⁴	269	15
12-31-2018	14.47	0.28 ⁴	(0.81)	(0.53)	(0.30)	(0.23)	—	(0.53)	13.41	(3.77)	0.34 ⁷	0.33 ⁷	1.94 ⁴	247	8
Series NAV															
06-30-2023 ³	11.97	— ^{4,8}	0.85	0.85	—	—	—	—	12.82	7.10 ⁵	0.10 ^{6,7}	0.08 ^{6,7}	(0.08) ^{4,6}	42	3
12-31-2022	15.81	0.33 ⁴	(2.76)	(2.43)	(0.31)	(1.10)	—	(1.41)	11.97	(15.08)	0.09 ⁷	0.08 ⁷	2.37 ⁴	39	15
12-31-2021	15.74	0.40 ⁴	0.73	1.13	(0.37)	(0.69)	—	(1.06)	15.81	7.23	0.08 ⁷	0.08 ⁷	2.44 ⁴	45	13
12-31-2020	14.84	0.40 ⁴	1.38	1.78	(0.39)	(0.49)	—	(0.88)	15.74	12.22	0.09 ⁷	0.08 ⁷	2.67 ⁴	35	17
12-31-2019	13.38	0.35 ⁴	1.77	2.12	(0.30)	(0.36)	—	(0.66)	14.84	15.95	0.09 ⁷	0.08 ⁷	2.39 ⁴	30	15
12-31-2018	14.44	0.35 ⁴	(0.85)	(0.50)	(0.33)	(0.23)	—	(0.56)	13.38	(3.53)	0.09 ⁷	0.08 ⁷	2.46 ⁴	22	8
¹ Based on average daily shares outstanding. ² Total returns exclude insurance-related fees and expenses and would have been lower had certain expenses not been reduced during the applicable periods. ³ Six months ended 6-30-23. Unaudited. ⁴ Net investment income is affected by the timing and frequency of the declaration of dividends by the underlying funds in which the portfolio invests. ⁵ Not annualized. ⁶ Annualized. ⁷ Ratios do not include expenses indirectly incurred from underlying funds and can vary based on the mix of underlying funds held by the portfolio. ⁸ Less than \$0.005 per share.															
Mid Cap Growth Trust															
Series I															
06-30-2023 ³	7.27	(0.01)	1.06	1.05	—	—	—	—	8.32	14.44 ⁴	0.94 ⁵	0.93 ⁵	(0.32) ⁵	137	51
12-31-2022	19.86	(0.06)	(6.98)	(7.04)	—	(5.55)	—	(5.55)	7.27	(34.64)	0.93	0.93	(0.50)	128	97
12-31-2021	26.19	(0.19)	1.58	1.39	—	(7.72)	—	(7.72)	19.86	3.54	0.92	0.92	(0.71)	215	91
12-31-2020	18.07	(0.13)	11.50	11.37	—	(3.25)	—	(3.25)	26.19	65.39	0.93	0.92	(0.61)	234	98
12-31-2019	15.79	(0.10)	5.44	5.34	—	(3.06)	—	(3.06)	18.07	34.53	0.93	0.93	(0.54)	168	64
12-31-2018	17.82	(0.08)	0.15	0.07	—	(2.10)	—	(2.10)	15.79	(1.56)	0.93	0.92	(0.41)	142	69
Series II															
06-30-2023 ³	5.69	(0.02)	0.84	0.82	—	—	—	—	6.51	14.41 ⁴	1.14 ⁵	1.13 ⁵	(0.52) ⁵	63	51
12-31-2022	17.47	(0.07)	(6.16)	(6.23)	—	(5.55)	—	(5.55)	5.69	(34.77)	1.13	1.13	(0.70)	60	97
12-31-2021	23.93	(0.22)	1.48	1.26	—	(7.72)	—	(7.72)	17.47	3.30	1.12	1.12	(0.92)	105	91
12-31-2020	16.74	(0.16)	10.60	10.44	—	(3.25)	—	(3.25)	23.93	65.02	1.13	1.12	(0.81)	120	98
12-31-2019	14.83	(0.13)	5.10	4.97	—	(3.06)	—	(3.06)	16.74	34.25	1.13	1.13	(0.74)	86	64
12-31-2018	16.87	(0.11)	0.17	0.06	—	(2.10)	—	(2.10)	14.83	(1.71)	1.13	1.12	(0.61)	73	69
Series NAV															
06-30-2023 ³	7.63	(0.01)	1.12	1.11	—	—	—	—	8.74	14.55 ⁴	0.89 ⁵	0.88 ⁵	(0.27) ⁵	408	51
12-31-2022	20.40	(0.06)	(7.16)	(7.22)	—	(5.55)	—	(5.55)	7.63	(34.61)	0.88	0.88	(0.44)	373	97
12-31-2021	26.70	(0.18)	1.60	1.42	—	(7.72)	—	(7.72)	20.40	3.58	0.87	0.87	(0.66)	611	91
12-31-2020	18.37	(0.12)	11.70	11.58	—	(3.25)	—	(3.25)	26.70	65.47	0.88	0.87	(0.55)	635	98
12-31-2019	16.00	(0.09)	5.52	5.43	—	(3.06)	—	(3.06)	18.37	34.63	0.88	0.88	(0.49)	535	64
12-31-2018	18.03	(0.07)	0.14	0.07	—	(2.10)	—	(2.10)	16.00	(1.54)	0.88	0.87	(0.35)	454	69

¹ Based on average daily shares outstanding. ² Total returns exclude insurance-related fees and expenses and would have been lower had certain expenses not been reduced during the applicable periods. ³ Six months ended 6-30-23. Unaudited. ⁴ Not annualized. ⁵ Annualized.

John Hancock Variable Insurance Trust

Financial highlights

Per share operating performance for a share outstanding throughout each period										Ratios and supplemental data					
Period ended	Income (loss) from investment operations			Less distributions					Ratios to average net assets						
	Net asset value, beginning of period (\$)	Net investment income (loss) (\$) ¹	Net realized and unrealized gain (loss) on investments (\$)	Total from investment operations (\$)	From net investment income (\$)	From net realized gain (\$)	From tax return of capital (\$)	Total distributions (\$)	Net asset value, end of period (\$)	Total return (%) ²	Expenses before reductions (%)	Expenses including reductions (%)	Net investment income (loss) (%)	Net assets, end of period (in millions)	Portfolio turnover (%)
Mid Cap Index Trust															
Series I															
06-30-2023 ³	18.11	0.13	1.44	1.57	—	—	—	—	19.68	8.67 ⁴	0.57 ⁵	0.46 ⁵	1.39 ⁵	870	8
12-31-2022	24.89	0.25	(3.67)	(3.42)	(0.24)	(3.12)	—	(3.36)	18.11	(13.43)	0.56	0.45	1.15	844	12
12-31-2021	21.34	0.19	4.95	5.14	(0.23)	(1.36)	—	(1.59)	24.89	24.21	0.56	0.45	0.78	1,086	17
12-31-2020	21.39	0.21	2.19	2.40	(0.32)	(2.13)	—	(2.45)	21.34	13.22	0.56	0.46	1.10	996	14
12-31-2019	18.83	0.26	4.36	4.62	(0.24)	(1.82)	—	(2.06)	21.39	25.59	0.56	0.45	1.22	1,047	15
12-31-2018	23.00	0.27	(2.60)	(2.33)	(0.25)	(1.59)	—	(1.84)	18.83	(11.46)	0.56	0.45	1.17	1,029	15
Series II															
06-30-2023 ³	17.98	0.11	1.42	1.53	—	—	—	—	19.51	8.51 ⁴	0.77 ⁵	0.66 ⁵	1.19 ⁵	56	8
12-31-2022	24.73	0.20	(3.63)	(3.43)	(0.20)	(3.12)	—	(3.32)	17.98	(13.59)	0.76	0.65	0.95	55	12
12-31-2021	21.21	0.14	4.91	5.05	(0.17)	(1.36)	—	(1.53)	24.73	23.96	0.76	0.65	0.58	73	17
12-31-2020	21.28	0.17	2.17	2.34	(0.28)	(2.13)	—	(2.41)	21.21	12.98	0.76	0.66	0.90	67	14
12-31-2019	18.73	0.21	4.36	4.57	(0.20)	(1.82)	—	(2.02)	21.28	25.43	0.76	0.65	1.02	70	15
12-31-2018	22.89	0.22	(2.58)	(2.36)	(0.21)	(1.59)	—	(1.80)	18.73	(11.66)	0.76	0.65	0.96	66	15
Series NAV															
06-30-2023 ³	18.11	0.14	1.43	1.57	—	—	—	—	19.68	8.67 ⁴	0.52 ⁵	0.41 ⁵	1.45 ⁵	251	8
12-31-2022	24.89	0.26	(3.66)	(3.40)	(0.26)	(3.12)	—	(3.38)	18.11	(13.39)	0.51	0.40	1.20	235	12
12-31-2021	21.34	0.21	4.94	5.15	(0.24)	(1.36)	—	(1.60)	24.89	24.27	0.51	0.40	0.84	297	17
12-31-2020	21.39	0.22	2.19	2.41	(0.33)	(2.13)	—	(2.46)	21.34	13.27	0.51	0.41	1.15	242	14
12-31-2019	18.82	0.27	4.37	4.64	(0.25)	(1.82)	—	(2.07)	21.39	25.72	0.51	0.40	1.28	228	15
12-31-2018	23.00	0.28	(2.60)	(2.32)	(0.27)	(1.59)	—	(1.86)	18.82	(11.45)	0.51	0.40	1.23	174	15
1 Based on average daily shares outstanding. 2 Total returns exclude insurance-related fees and expenses and would have been lower had certain expenses not been reduced during the applicable periods. 3 Six months ended 6-30-23. Unaudited. 4 Not annualized. 5 Annualized.															
Mid Value Trust															
Series I															
06-30-2023 ³	9.95	0.07	0.80	0.87	—	—	—	—	10.82	8.74 ⁴	0.98 ⁵	0.93 ⁵	1.33 ⁵	228	30
12-31-2022	11.97	0.11	(0.69)	(0.58)	(0.10)	(1.34)	—	(1.44)	9.95	(4.31)	0.98	0.93	0.94	222	49
12-31-2021	10.18	0.06	2.42	2.48	(0.12)	(0.57)	—	(0.69)	11.97	24.34	1.04	0.99	0.48	241	26
12-31-2020	9.68	0.14	0.73	0.87	(0.15)	(0.22)	—	(0.37)	10.18	9.60	1.05	1.00	1.55	210	36
12-31-2019	9.47	0.15	1.54	1.69	(0.11)	(1.37)	—	(1.48)	9.68	19.54	1.05	1.00	1.50	239	33
12-31-2018	11.60	0.09	(1.20)	(1.11)	(0.09)	(0.93)	—	(1.02)	9.47	(10.84)	1.05	0.99	0.80	241	35
Series II															
06-30-2023 ³	9.96	0.06	0.80	0.86	—	—	—	—	10.82	8.63 ⁴	1.18 ⁵	1.13 ⁵	1.13 ⁵	53	30
12-31-2022	11.98	0.08	(0.69)	(0.61)	(0.07)	(1.34)	—	(1.41)	9.96	(4.52)	1.18	1.13	0.74	51	49
12-31-2021	10.19	0.03	2.42	2.45	(0.09)	(0.57)	—	(0.66)	11.98	24.10	1.24	1.19	0.28	56	26
12-31-2020	9.69	0.12	0.74	0.86	(0.14)	(0.22)	—	(0.36)	10.19	9.38	1.25	1.20	1.36	47	36
12-31-2019	9.49	0.13	1.53	1.66	(0.09)	(1.37)	—	(1.46)	9.69	19.15	1.25	1.20	1.30	50	33
12-31-2018	11.61	0.07	(1.19)	(1.12)	(0.07)	(0.93)	—	(1.00)	9.49	(10.93)	1.25	1.19	0.60	48	35
Series NAV															
06-30-2023 ³	9.85	0.07	0.80	0.87	—	—	—	—	10.72	8.83 ⁴	0.93 ⁵	0.88 ⁵	1.38 ⁵	330	30
12-31-2022	11.87	0.11	(0.69)	(0.58)	(0.10)	(1.34)	—	(1.44)	9.85	(4.30)	0.93	0.88	0.98	296	49
12-31-2021	10.11	0.06	2.39	2.45	(0.12)	(0.57)	—	(0.69)	11.87	24.26	0.99	0.94	0.53	366	26
12-31-2020	9.61	0.14	0.74	0.88	(0.16)	(0.22)	—	(0.38)	10.11	9.72	1.00	0.95	1.59	345	36
12-31-2019	9.42	0.15	1.53	1.68	(0.12)	(1.37)	—	(1.49)	9.61	19.49	1.00	0.95	1.56	381	33
12-31-2018	11.53	0.10	(1.18)	(1.08)	(0.10)	(0.93)	—	(1.03)	9.42	(10.68)	1.00	0.94	0.86	359	35

1 Based on average daily shares outstanding. 2 Total returns exclude insurance-related fees and expenses and would have been lower had certain expenses not been reduced during the applicable periods. 3 Six months ended 6-30-23. Unaudited. 4 Not annualized. 5 Annualized.

John Hancock Variable Insurance Trust

Financial highlights

Per share operating performance for a share outstanding throughout each period										Ratios and supplemental data					
Period ended	Income (loss) from investment operations			Less distributions					Ratios to average net assets						
	Net asset value, beginning of period (\$)	Net investment income (loss) (\$) ¹	Net realized and unrealized gain (loss) on investments (\$)	Total from investment operations (\$)	From net investment income (\$)	From net realized gain (\$)	From tax return of capital (\$)	Total distributions (\$)	Net asset value, end of period (\$)	Total return (%) ²	Expenses before reductions (%)	Expenses including reductions (%)	Net investment income (loss) (%)	Net assets, end of period (in millions)	Portfolio turnover (%)
Real Estate Securities Trust															
Series I															
06-30-2023 ³	17.44	0.24	0.75	0.99	—	—	—	—	18.43	5.62 ⁴	0.81 ⁵	0.81 ⁵	2.63 ⁵	52	59
12-31-2022	27.47	0.35	(8.23)	(7.88)	(0.25)	(1.90)	—	(2.15)	17.44	(28.51)	0.81	0.80	1.60	51	93
12-31-2021	18.97	0.31	8.54	8.85	(0.35)	—	—	(0.35)	27.47	46.79	0.80	0.79	1.33	79	63
12-31-2020	23.55	0.40	(1.97)	(1.57)	(0.43)	(2.58)	—	(3.01)	18.97	(5.64)	0.82	0.82	1.96	61	180
12-31-2019	18.72	0.42	5.07	5.49	(0.48)	(0.18)	—	(0.66)	23.55	29.40	0.81	0.81	1.90	73	129
12-31-2018	19.71	0.43	(1.09)	(0.66)	(0.33)	—	—	(0.33)	18.72	(3.46)	0.81	0.81	2.21	64	164
Series II															
06-30-2023 ³	17.43	0.21	0.76	0.97	—	—	—	—	18.40	5.51 ⁴	1.01 ⁵	1.01 ⁵	2.39 ⁵	26	59
12-31-2022	27.44	0.31	(8.22)	(7.91)	(0.20)	(1.90)	—	(2.10)	17.43	(28.64)	1.01	1.00	1.40	28	93
12-31-2021	18.96	0.26	8.52	8.78	(0.30)	—	—	(0.30)	27.44	46.46	1.00	0.99	1.14	44	63
12-31-2020	23.53	0.36	(1.96)	(1.60)	(0.39)	(2.58)	—	(2.97)	18.96	(5.80)	1.02	1.02	1.75	32	180
12-31-2019	18.72	0.38	5.05	5.43	(0.44)	(0.18)	—	(0.62)	23.53	29.08	1.01	1.01	1.70	40	129
12-31-2018	19.74	0.38	(1.08)	(0.70)	(0.32)	—	—	(0.32)	18.72	(3.64)	1.01	1.01	2.00	35	164
Series NAV															
06-30-2023 ³	17.30	0.24	0.75	0.99	—	—	—	—	18.29	5.66 ⁴	0.76 ⁵	0.76 ⁵	2.69 ⁵	213	59
12-31-2022	27.28	0.36	(8.18)	(7.82)	(0.26)	(1.90)	—	(2.16)	17.30	(28.45)	0.76	0.75	1.66	208	93
12-31-2021	18.84	0.32	8.48	8.80	(0.36)	—	—	(0.36)	27.28	46.80	0.75	0.74	1.39	309	63
12-31-2020	23.41	0.41	(1.96)	(1.55)	(0.44)	(2.58)	—	(3.02)	18.84	(5.58)	0.77	0.77	2.01	221	180
12-31-2019	18.61	0.43	5.04	5.47	(0.49)	(0.18)	—	(0.67)	23.41	29.47	0.76	0.76	1.96	257	129
12-31-2018	19.59	0.43	(1.08)	(0.65)	(0.33)	—	—	(0.33)	18.61	(3.43)	0.76	0.76	2.26	204	164
1 Based on average daily shares outstanding. 2 Total returns exclude insurance-related fees and expenses and would have been lower had certain expenses not been reduced during the applicable periods. 3 Six months ended 6-30-23. Unaudited. 4 Not annualized. 5 Annualized.															
Science & Technology Trust															
Series I															
06-30-2023 ³	11.65	(0.02)	4.70	4.68	—	—	—	—	16.33	40.17 ⁴	1.06 ⁵	1.00 ⁵	(0.33) ⁵	661	59
12-31-2022	36.59	(0.15)	(13.09)	(13.24)	—	(11.70)	—	(11.70)	11.65	(35.67)	1.09	1.04	(0.66)	473	116
12-31-2021	41.87	(0.25)	4.10	3.85	—	(9.13)	—	(9.13)	36.59	8.53	1.11	1.06	(0.58)	834	87
12-31-2020	29.43	(0.06) ⁶	16.39	16.33	—	(3.89)	—	(3.89)	41.87	57.46	1.11	1.07	(0.16) ⁶	938	114
12-31-2019	25.80	0.01	9.31	9.32	(0.03)	(5.66)	—	(5.69)	29.43	38.06	1.13	1.08	0.04	662	87
12-31-2018	29.97	(0.11)	0.68	0.57	—	(4.74)	—	(4.74)	25.80	(0.61)	1.12	1.08	(0.35)	594	108
Series II															
06-30-2023 ³	9.62	(0.03)	3.88	3.85	—	—	—	—	13.47	40.02 ⁴	1.26 ⁵	1.20 ⁵	(0.53) ⁵	57	59
12-31-2022	33.48	(0.17)	(11.99)	(12.16)	—	(11.70)	—	(11.70)	9.62	(35.76)	1.29	1.24	(0.86)	43	116
12-31-2021	39.08	(0.31)	3.84	3.53	—	(9.13)	—	(9.13)	33.48	8.31	1.31	1.26	(0.78)	79	87
12-31-2020	27.71	(0.11) ⁶	15.37	15.26	—	(3.89)	—	(3.89)	39.08	57.15	1.31	1.27	(0.35) ⁶	84	114
12-31-2019	24.58	(0.05)	8.84	8.79	—	(5.66)	—	(5.66)	27.71	37.74	1.33	1.28	(0.17)	59	87
12-31-2018	28.79	(0.17)	0.70	0.53	—	(4.74)	—	(4.74)	24.58	(0.78)	1.32	1.28	(0.55)	49	108
Series NAV															
06-30-2023 ³	12.15	(0.02)	4.91	4.89	—	—	—	—	17.04	40.25 ⁴	1.01 ⁵	0.95 ⁵	(0.28) ⁵	147	59
12-31-2022	37.35	(0.14)	(13.36)	(13.50)	—	(11.70)	—	(11.70)	12.15	(35.64)	1.04	0.99	(0.60)	105	116
12-31-2021	42.55	(0.23)	4.16	3.93	—	(9.13)	—	(9.13)	37.35	8.58	1.06	1.01	(0.53)	158	87
12-31-2020	29.84	(0.05) ⁶	16.65	16.60	—	(3.89)	—	(3.89)	42.55	57.58	1.06	1.02	(0.14) ⁶	145	114
12-31-2019	26.10	0.03	9.42	9.45	(0.05)	(5.66)	—	(5.71)	29.84	38.09	1.08	1.03	0.10	89	87
12-31-2018	30.26	(0.10)	0.68	0.58	—	(4.74)	—	(4.74)	26.10	(0.57)	1.07	1.03	(0.31)	64	108
1 Based on average daily shares outstanding. 2 Total returns exclude insurance-related fees and expenses and would have been lower had certain expenses not been reduced during the applicable periods. 3 Six months ended 6-30-23. Unaudited. 4 Not annualized. 5 Annualized. 6 Net investment income (loss) per share and ratio of net investment income (loss) to average net assets reflect a special dividend received by the portfolio, which amounted to \$0.18 and 0.51%, respectively.															

John Hancock Variable Insurance Trust

Financial highlights

Per share operating performance for a share outstanding throughout each period										Ratios and supplemental data					
Period ended	Income (loss) from investment operations			Less distributions					Ratios to average net assets						
	Net asset value, beginning of period (\$)	Net investment income (loss) (\$) ¹	Net realized and unrealized gain (loss) on investments (\$)	Total from investment operations (\$)	From net investment income (\$)	From net realized gain (\$)	From tax return of capital (\$)	Total distributions (\$)	Net asset value, end of period (\$)	Total return (%) ²	Expenses before reductions (%)	Expenses including reductions (%)	Net investment income (loss) (%)	Net assets, end of period (in millions)	Portfolio turnover (%)
Small Cap Index Trust															
Series I															
06-30-2023 ³	11.57	0.08	0.84	0.92	—	—	—	—	12.49	7.95 ⁴	0.59 ⁵	0.53 ⁵	1.41 ⁵	358	9
12-31-2022	17.26	0.12	(3.65)	(3.53)	(0.15)	(2.01)	—	(2.16)	11.57	(20.65)	0.58	0.53	0.88	341	13
12-31-2021	16.31	0.12	2.27	2.39	(0.10)	(1.34)	—	(1.44)	17.26	14.49	0.57	0.51	0.67	460	20
12-31-2020	14.94	0.10	2.50	2.60	(0.20)	(1.03)	—	(1.23)	16.31	19.29	0.59	0.53	0.74	427	16
12-31-2019	13.36	0.16	3.01	3.17	(0.15)	(1.44)	—	(1.59)	14.94	25.04	0.58	0.53	1.11	404	14
12-31-2018	16.09	0.17	(1.78)	(1.61)	(0.15)	(0.97)	—	(1.12)	13.36	(11.42)	0.58	0.52	1.04	365	24
Series II															
06-30-2023 ³	11.47	0.07	0.83	0.90	—	—	—	—	12.37	7.85 ⁴	0.79 ⁵	0.73 ⁵	1.20 ⁵	26	9
12-31-2022	17.13	0.09	(3.62)	(3.53)	(0.12)	(2.01)	—	(2.13)	11.47	(20.81)	0.78	0.73	0.67	26	13
12-31-2021	16.20	0.08	2.26	2.34	(0.07)	(1.34)	—	(1.41)	17.13	14.25	0.77	0.71	0.46	37	20
12-31-2020	14.85	0.07	2.48	2.55	(0.17)	(1.03)	—	(1.20)	16.20	19.05	0.79	0.73	0.54	36	16
12-31-2019	13.29	0.13	2.99	3.12	(0.12)	(1.44)	—	(1.56)	14.85	24.78	0.78	0.73	0.90	35	14
12-31-2018	16.00	0.13	(1.75)	(1.62)	(0.12)	(0.97)	—	(1.09)	13.29	(11.55)	0.78	0.72	0.82	32	24
Series NAV															
06-30-2023 ³	11.59	0.09	0.83	0.92	—	—	—	—	12.51	7.94 ⁴	0.54 ⁵	0.48 ⁵	1.46 ⁵	133	9
12-31-2022	17.29	0.13	(3.66)	(3.53)	(0.16)	(2.01)	—	(2.17)	11.59	(20.63)	0.53	0.48	0.92	125	13
12-31-2021	16.33	0.13	2.28	2.41	(0.11)	(1.34)	—	(1.45)	17.29	14.59	0.52	0.46	0.73	169	20
12-31-2020	14.96	0.11	2.49	2.60	(0.20)	(1.03)	—	(1.23)	16.33	19.32	0.54	0.48	0.78	144	16
12-31-2019	13.38	0.18	3.00	3.18	(0.16)	(1.44)	—	(1.60)	14.96	25.07	0.53	0.48	1.19	158	14
12-31-2018	16.10	0.18	(1.77)	(1.59)	(0.16)	(0.97)	—	(1.13)	13.38	(11.30)	0.53	0.47	1.09	124	24
1 Based on average daily shares outstanding. 2 Total returns exclude insurance-related fees and expenses and would have been lower had certain expenses not been reduced during the applicable periods. 3 Six months ended 6-30-23. Unaudited. 4 Not annualized. 5 Annualized.															
Small Cap Opportunities Trust															
Series I															
06-30-2023 ³	25.71	0.08	1.75	1.83	—	—	—	—	27.54	7.12 ⁴	1.15 ⁵	0.89 ⁵	0.63 ⁵	81	10
12-31-2022	33.56	0.11	(3.55)	(3.44)	(0.16)	(4.25)	—	(4.41)	25.71	(10.07)	1.15	0.89	0.38	78	27
12-31-2021	26.24	0.19	7.96	8.15	(0.15)	(0.68)	—	(0.83)	33.56	31.10	1.14	0.91	0.61	95	28
12-31-2020	25.52	0.13	2.07	2.20	(0.16)	(1.32)	—	(1.48)	26.24	9.88	1.17	1.00	0.58	81	28
12-31-2019	22.37	0.14	5.29	5.43	(0.11)	(2.17)	—	(2.28)	25.52	25.54	1.16	0.98	0.58	83	16
12-31-2018	32.01	0.11	(3.10)	(2.99)	(0.14)	(6.51)	—	(6.65)	22.37	(13.84)	1.14	0.96	0.36	74	23
Series II															
06-30-2023 ³	24.97	0.05	1.70	1.75	—	—	—	—	26.72	7.01 ⁴	1.35 ⁵	1.09 ⁵	0.42 ⁵	28	10
12-31-2022	32.73	0.05	(3.47)	(3.42)	(0.09)	(4.25)	—	(4.34)	24.97	(10.24)	1.35	1.09	0.18	28	27
12-31-2021	25.61	0.12	7.78	7.90	(0.10)	(0.68)	—	(0.78)	32.73	30.85	1.34	1.11	0.39	35	28
12-31-2020	24.96	0.08	2.01	2.09	(0.12)	(1.32)	—	(1.44)	25.61	9.65	1.37	1.20	0.38	30	28
12-31-2019	21.91	0.09	5.18	5.27	(0.05)	(2.17)	—	(2.22)	24.96	25.26	1.36	1.18	0.38	31	16
12-31-2018	31.48	0.05	(3.03)	(2.98)	(0.08)	(6.51)	—	(6.59)	21.91	(14.02)	1.34	1.16	0.16	29	23
Series NAV															
06-30-2023 ³	25.47	0.09	1.73	1.82	—	—	—	—	27.29	7.15 ⁴	1.10 ⁵	0.84 ⁵	0.68 ⁵	51	10
12-31-2022	33.30	0.14	(3.55)	(3.41)	(0.17)	(4.25)	—	(4.42)	25.47	(10.03)	1.10	0.84	0.48	46	27
12-31-2021	26.04	0.21	7.90	8.11	(0.17)	(0.68)	—	(0.85)	33.30	31.16	1.09	0.86	0.67	38	28
12-31-2020	25.34	0.14	2.06	2.20	(0.18)	(1.32)	—	(1.50)	26.04	9.92	1.12	0.95	0.63	30	28
12-31-2019	22.23	0.15	5.25	5.40	(0.12)	(2.17)	—	(2.29)	25.34	25.60	1.11	0.93	0.62	26	16
12-31-2018	31.85	0.13	(3.09)	(2.96)	(0.15)	(6.51)	—	(6.66)	22.23	(13.81)	1.09	0.91	0.42	23	23
1 Based on average daily shares outstanding. 2 Total returns exclude insurance-related fees and expenses and would have been lower had certain expenses not been reduced during the applicable periods. 3 Six months ended 6-30-23. Unaudited. 4 Not annualized. 5 Annualized.															

John Hancock Variable Insurance Trust

Financial highlights

Per share operating performance for a share outstanding throughout each period										Ratios and supplemental data					
Period ended	Income (loss) from investment operations			Less distributions					Ratios to average net assets						
	Net asset value, beginning of period (\$)	Net investment income (loss) (\$) ¹	Net realized and unrealized gain (loss) on investments (\$)	Total from investment operations (\$)	From net investment income (\$)	From net realized gain (\$)	From tax return of capital (\$)	Total distributions (\$)	Net asset value, end of period (\$)	Total return (%) ²	Expenses before reductions (%)	Expenses including reductions (%)	Net investment income (loss) (%)	Net assets, end of period (in millions)	Portfolio turnover (%)
Small Cap Stock Trust															
Series I															
06-30-2023 ³	5.03	(0.01)	0.51	0.50	—	—	—	—	5.53	9.94 ⁴	1.14 ⁵	1.13 ⁵	(0.21) ⁵	74	27
12-31-2022	10.26	(0.03)	(3.11)	(3.14)	—	(2.09)	—	(2.09)	5.03	(31.12)	1.13	1.12	(0.43)	70	86
12-31-2021	11.92	(0.11)	0.29	0.18	—	(1.84)	—	(1.84)	10.26	1.20	1.11	1.10	(0.88)	114	107
12-31-2020	8.88	(0.06)	4.37	4.31	—	(1.27)	—	(1.27)	11.92	51.54	1.12	1.11	(0.65)	137	113
12-31-2019	9.08	(0.05)	3.21	3.16	—	(3.36)	—	(3.36)	8.88	38.02	1.13	1.12	(0.51)	98	81
12-31-2018	10.13	(0.06)	(0.33)	(0.39)	—	(0.66)	—	(0.66)	9.08	(5.19)	1.11	1.10	(0.59)	81	88
Series II															
06-30-2023 ³	4.28	(0.01)	0.43	0.42	—	—	—	—	4.70	9.81 ⁴	1.34 ⁵	1.33 ⁵	(0.42) ⁵	21	27
12-31-2022	9.19	(0.04)	(2.78)	(2.82)	—	(2.09)	—	(2.09)	4.28	(31.25)	1.33	1.32	(0.63)	21	86
12-31-2021	10.88	(0.12)	0.27	0.15	—	(1.84)	—	(1.84)	9.19	1.06	1.31	1.30	(1.08)	35	107
12-31-2020	8.21	(0.07)	4.01	3.94	—	(1.27)	—	(1.27)	10.88	51.23	1.32	1.31	(0.85)	42	113
12-31-2019	8.61	(0.07)	3.03	2.96	—	(3.36)	—	(3.36)	8.21	37.74	1.33	1.32	(0.71)	35	81
12-31-2018	9.66	(0.08)	(0.31)	(0.39)	—	(0.66)	—	(0.66)	8.61	(5.44)	1.31	1.30	(0.78)	28	88
Series NAV															
06-30-2023 ³	5.21	— ⁶	0.52	0.52	—	—	—	—	5.73	9.98 ⁴	1.09 ⁵	1.08 ⁵	(0.16) ⁵	177	27
12-31-2022	10.52	(0.03)	(3.19)	(3.22)	—	(2.09)	—	(2.09)	5.21	(31.13)	1.08	1.07	(0.38)	162	86
12-31-2021	12.17	(0.10)	0.29	0.19	—	(1.84)	—	(1.84)	10.52	1.27	1.06	1.05	(0.83)	258	107
12-31-2020	9.04	(0.06)	4.46	4.40	—	(1.27)	—	(1.27)	12.17	51.62	1.07	1.06	(0.60)	261	113
12-31-2019	9.19	(0.05)	3.26	3.21	—	(3.36)	—	(3.36)	9.04	38.10	1.08	1.07	(0.46)	186	81
12-31-2018	10.25	(0.06)	(0.34)	(0.40)	—	(0.66)	—	(0.66)	9.19	(5.22)	1.06	1.05	(0.57)	147	88
1 Based on average daily shares outstanding. 2 Total returns exclude insurance-related fees and expenses and would have been lower had certain expenses not been reduced during the applicable periods. 3 Six months ended 6-30-23. Unaudited. 4 Not annualized. 5 Annualized. 6 Less than \$0.005 per share.															
Small Cap Value Trust															
Series I															
06-30-2023 ³	13.49	0.07	0.39	0.46	—	—	—	—	13.95	3.41 ⁴	1.05 ⁵	1.04 ⁵	1.04 ⁵	130	25
12-31-2022	18.30	0.15	(2.04)	(1.89)	(0.15)	(2.77)	—	(2.92)	13.49	(10.24)	1.04	1.04	0.93	140	42
12-31-2021	14.70	0.09	3.75	3.84	(0.09)	(0.15)	—	(0.24)	18.30	26.19	1.03	1.03	0.53	182	32
12-31-2020	18.19	0.08	(1.73)	(1.65)	(0.15)	(1.69)	—	(1.84)	14.70	(6.70)	1.07	1.06	0.57	167	34
12-31-2019	15.60	0.13	3.82	3.95	(0.10)	(1.26)	—	(1.36)	18.19	26.52	1.09	1.08	0.75	218	19
12-31-2018	20.25	0.14	(2.16)	(2.02)	(0.13)	(2.50)	—	(2.63)	15.60	(12.50)	1.11	1.10	0.69	211	13
Series II															
06-30-2023 ³	13.35	0.06	0.39	0.45	—	—	—	—	13.80	3.37 ⁴	1.25 ⁵	1.24 ⁵	0.84 ⁵	20	25
12-31-2022	18.15	0.12	(2.04)	(1.92)	(0.11)	(2.77)	—	(2.88)	13.35	(10.49)	1.24	1.24	0.73	21	42
12-31-2021	14.58	0.06	3.72	3.78	(0.06)	(0.15)	—	(0.21)	18.15	25.97	1.23	1.23	0.34	27	32
12-31-2020	18.07	0.05	(1.73)	(1.68)	(0.12)	(1.69)	—	(1.81)	14.58	(6.95)	1.27	1.26	0.37	23	34
12-31-2019	15.50	0.10	3.80	3.90	(0.07)	(1.26)	—	(1.33)	18.07	26.33	1.29	1.28	0.56	28	19
12-31-2018	20.13	0.10	(2.14)	(2.04)	(0.09)	(2.50)	—	(2.59)	15.50	(12.66)	1.31	1.30	0.49	25	13
Series NAV															
06-30-2023 ³	13.41	0.08	0.39	0.47	—	—	—	—	13.88	3.50 ⁴	1.00 ⁵	0.99 ⁵	1.12 ⁵	297	25
12-31-2022	18.22	0.16	(2.04)	(1.88)	(0.16)	(2.77)	—	(2.93)	13.41	(10.25)	0.99	0.99	0.98	271	42
12-31-2021	14.63	0.10	3.74	3.84	(0.10)	(0.15)	—	(0.25)	18.22	26.30	0.98	0.98	0.59	344	32
12-31-2020	18.12	0.09	(1.73)	(1.64)	(0.16)	(1.69)	—	(1.85)	14.63	(6.68)	1.02	1.01	0.64	298	34
12-31-2019	15.54	0.14	3.81	3.95	(0.11)	(1.26)	—	(1.37)	18.12	26.62	1.04	1.03	0.81	271	19
12-31-2018	20.18	0.15	(2.15)	(2.00)	(0.14)	(2.50)	—	(2.64)	15.54	(12.45)	1.06	1.05	0.75	249	13

1 Based on average daily shares outstanding. 2 Total returns exclude insurance-related fees and expenses and would have been lower had certain expenses not been reduced during the applicable periods. 3 Six months ended 6-30-23. Unaudited. 4 Not annualized. 5 Annualized.

John Hancock Variable Insurance Trust

Financial highlights

Per share operating performance for a share outstanding throughout each period										Ratios and supplemental data					
Period ended	Income (loss) from investment operations			Less distributions					Ratios to average net assets						
	Net asset value, beginning of period (\$)	Net investment income (loss) (\$) ¹	Net realized and unrealized gain (loss) on investments (\$)	Total from investment operations (\$)	From net investment income (\$)	From net realized gain (\$)	From tax return of capital (\$)	Total distributions (\$)	Net asset value, end of period (\$)	Total return (%) ²	Expenses before reductions (%)	Expenses including reductions (%)	Net investment income (loss) (%)	Net assets, end of period (in millions)	Portfolio turnover (%)
Small Company Value Trust															
Series I															
06-30-2023 ³	8.79	0.03	0.30	0.33	—	—	—	—	9.12	3.75 ⁴	1.21 ⁵	1.14 ⁵	0.60 ⁵	42	15
12-31-2022	12.59	0.03	(2.37)	(2.34)	—	(1.46)	—	(1.46)	8.79	(18.73)	1.20	1.13	0.25	43	26
12-31-2021	10.55	— ⁶	2.39	2.39	(0.04)	(0.31)	—	(0.35)	12.59	22.70	1.18	1.11	(0.02)	58	23
12-31-2020	10.36	0.03	0.80	0.83	(0.03)	(0.61)	—	(0.64)	10.55	9.24	1.19	1.13	0.38	54	30
12-31-2019	16.62	0.04	3.25	3.29	(0.17)	(9.38)	—	(9.55)	10.36	25.53	1.19	1.13	0.25	56	30
12-31-2018	20.86	0.15	(2.46)	(2.31)	(0.08)	(1.85)	—	(1.93)	16.62	(12.94)	1.15	1.09	0.74	50	23
Series II															
06-30-2023 ³	8.27	0.02	0.28	0.30	—	—	—	—	8.57	3.63 ⁴	1.41 ⁵	1.34 ⁵	0.40 ⁵	31	15
12-31-2022	11.98	— ⁶	(2.25)	(2.25)	—	(1.46)	—	(1.46)	8.27	(18.95)	1.40	1.33	0.05	32	26
12-31-2021	10.05	(0.03)	2.29	2.26	(0.02)	(0.31)	—	(0.33)	11.98	22.51	1.38	1.31	(0.22)	44	23
12-31-2020	9.90	0.02	0.75	0.77	(0.01)	(0.61)	—	(0.62)	10.05	9.07	1.39	1.33	0.18	43	30
12-31-2019	16.25	0.01	3.15	3.16	(0.13)	(9.38)	—	(9.51)	9.90	25.22	1.39	1.33	0.05	45	30
12-31-2018	20.43	0.11	(2.40)	(2.29)	(0.04)	(1.85)	—	(1.89)	16.25	(13.09)	1.35	1.29	0.54	41	23
Series NAV															
06-30-2023 ³	8.73	0.03	0.29	0.32	—	—	—	—	9.05	3.67 ⁴	1.16 ⁵	1.09 ⁵	0.64 ⁵	52	15
12-31-2022	12.51	0.03	(2.35)	(2.32)	—	(1.46)	—	(1.46)	8.73	(18.70)	1.15	1.08	0.30	55	26
12-31-2021	10.48	— ⁶	2.39	2.39	(0.05)	(0.31)	—	(0.36)	12.51	22.81	1.13	1.06	0.04	68	23
12-31-2020	10.30	0.04	0.78	0.82	(0.03)	(0.61)	—	(0.64)	10.48	9.25	1.14	1.08	0.42	58	30
12-31-2019	16.57	0.04	3.25	3.29	(0.18)	(9.38)	—	(9.56)	10.30	25.65	1.14	1.08	0.30	46	30
12-31-2018	20.81	0.08	(2.38)	(2.30)	(0.09)	(1.85)	—	(1.94)	16.57	(12.93)	1.10	1.04	0.40	36	23
1 Based on average daily shares outstanding. 2 Total returns exclude insurance-related fees and expenses and would have been lower had certain expenses not been reduced during the applicable periods. 3 Six months ended 6-30-23. Unaudited. 4 Not annualized. 5 Annualized. 6 Less than \$0.005 per share.															
Strategic Equity Allocation Trust															
Series NAV															
06-30-2023 ³	15.20	0.16	1.97	2.13	—	—	—	—	17.33	14.01 ⁴	0.67 ⁵	0.53 ⁵	2.02 ⁵	7,318	2
12-31-2022	22.63	0.30	(4.26)	(3.96)	(0.30)	(3.17)	—	(3.47)	15.20	(16.98)	0.67	0.53	1.58	6,905	4
12-31-2021	20.98	0.29	4.08	4.37	(0.42)	(2.30)	—	(2.72)	22.63	21.15	0.66	0.53	1.27	9,291	6
12-31-2020	20.30	0.31	2.34	2.65	(0.40)	(1.57)	—	(1.97)	20.98	14.34	0.67	0.53	1.61	9,383	7
12-31-2019	17.13	0.38	4.13	4.51	(0.36)	(0.98)	—	(1.34)	20.30	27.15	0.66	0.53	1.95	9,774	4
12-31-2018	19.88	0.36	(1.92)	(1.56)	(0.33)	(0.86)	—	(1.19)	17.13	(8.52)	0.66	0.53	1.83	9,327	5
1 Based on average daily shares outstanding. 2 Total returns exclude insurance-related fees and expenses and would have been lower had certain expenses not been reduced during the applicable periods. 3 Six months ended 6-30-23. Unaudited. 4 Not annualized. 5 Annualized.															
Total Stock Market Index Trust															
Series I															
06-30-2023 ³	20.82	0.14	3.22	3.36	—	—	—	—	24.18	16.14 ⁴	0.58 ⁵	0.50 ⁵	1.26 ⁵	488	2
12-31-2022	30.88	0.27	(6.54)	(6.27)	(0.28)	(3.51)	—	(3.79)	20.82	(20.41)	0.57	0.49	1.06	442	1
12-31-2021	26.26	0.26	6.12	6.38	(0.33)	(1.43)	—	(1.76)	30.88	24.45	0.56	0.48	0.87	629	8
12-31-2020	24.04	0.34	4.49	4.83	(0.44)	(2.17)	—	(2.61)	26.26	21.45	0.58	0.50	1.42	554	2
12-31-2019	20.22	0.38	5.42	5.80	(0.37)	(1.61)	—	(1.98)	24.04	29.63	0.58	0.50	1.67	530	3
12-31-2018	22.39	0.39	(1.55)	(1.16)	(0.27)	(0.74)	—	(1.01)	20.22	(5.70)	0.58	0.50	1.72	488	2
Series II															
06-30-2023 ³	20.70	0.12	3.20	3.32	—	—	—	—	24.02	16.04 ⁴	0.78 ⁵	0.70 ⁵	1.06 ⁵	43	2
12-31-2022	30.71	0.22	(6.50)	(6.28)	(0.22)	(3.51)	—	(3.73)	20.70	(20.54)	0.77	0.69	0.86	38	1
12-31-2021	26.13	0.20	6.08	6.28	(0.27)	(1.43)	—	(1.70)	30.71	24.19	0.76	0.68	0.67	53	8
12-31-2020	23.94	0.29	4.46	4.75	(0.39)	(2.17)	—	(2.56)	26.13	21.19	0.78	0.70	1.22	46	2
12-31-2019	20.14	0.34	5.39	5.73	(0.32)	(1.61)	—	(1.93)	23.94	29.40	0.78	0.70	1.48	42	3
12-31-2018	22.31	0.35	(1.56)	(1.21)	(0.22)	(0.74)	—	(0.96)	20.14	(5.92)	0.78	0.70	1.52	37	2
Series NAV															
06-30-2023 ³	20.82	0.14	3.22	3.36	—	—	—	—	24.18	16.14 ⁴	0.53 ⁵	0.45 ⁵	1.31 ⁵	230	2
12-31-2022	30.87	0.28	(6.53)	(6.25)	(0.29)	(3.51)	—	(3.80)	20.82	(20.34)	0.52	0.44	1.11	195	1
12-31-2021	26.25	0.27	6.12	6.39	(0.34)	(1.43)	—	(1.77)	30.87	24.51	0.51	0.43	0.92	260	8
12-31-2020	24.03	0.35	4.49	4.84	(0.45)	(2.17)	—	(2.62)	26.25	21.50	0.53	0.45	1.47	216	2
12-31-2019	20.21	0.40	5.41	5.81	(0.38)	(1.61)	—	(1.99)	24.03	29.70	0.53	0.45	1.74	185	3
12-31-2018	22.38	0.40	(1.55)	(1.15)	(0.28)	(0.74)	—	(1.02)	20.21	(5.66)	0.53	0.45	1.77	137	2
1 Based on average daily shares outstanding. 2 Total returns exclude insurance-related fees and expenses and would have been lower had certain expenses not been reduced during the applicable periods. 3 Six months ended 6-30-23. Unaudited. 4 Not annualized. 5 Annualized.															

John Hancock Variable Insurance Trust

Notes to financial statements (unaudited)

1. Organization

John Hancock Variable Insurance Trust (the Trust) is a no-load, open-end management investment company organized as a Massachusetts business trust. The Trust is registered under the Investment Company Act of 1940, as amended (the 1940 Act). It is a series company with multiple investment series, thirty-five of which are presented in this report (the portfolios).

American Asset Allocation Trust, American Global Growth Trust, American Growth Trust, American Growth-Income Trust and American International Trust (collectively, the JHVIT Feeder Funds), Lifestyle Balanced Portfolio, Lifestyle Conservative Portfolio, Lifestyle Growth Portfolio and Lifestyle Moderate Portfolio (collectively, the Lifestyle Portfolios) operate as "funds of funds," investing in shares of mutual funds (underlying funds). The accounting policies of the underlying funds in which the Lifestyle Portfolios invest are outlined in the underlying funds' shareholder reports, which include the underlying funds' financial statements. These are available on the Securities and Exchange Commission (SEC) website at www.sec.gov. John Hancock underlying funds' shareholder reports are also available without charge by calling 800-344-1029 or visiting jhannuities.com. The American Funds Insurance Series' accounting policies are outlined in their financial statements, available at the SEC website at www.sec.gov. Capital Research and Management Company serves as investment advisor for the American Funds Insurance Series' master funds. The underlying funds are not covered by this report.

The portfolios may offer multiple classes of shares: Series I, Series II, Series III and Series NAV. The shares currently offered by each portfolio are shown on the Statements of assets and liabilities. Shares of the portfolios are presently offered only to certain affiliates of John Hancock Variable Trust Advisers LLC (the Advisor) and Manulife Financial Corporation (MFC) except in the case of the Emerging Markets Value Trust, International Equity Index Trust, International Small Company Trust, Financial Industries Trust and Fundamental All Cap Core Trust. Series NAV of Emerging Markets Value Trust and International Equity Index Trust and Series II of Emerging Markets Value Trust, Financial Industries Trust, Fundamental All Cap Core Trust and International Small Company Trust are also offered to variable insurance products of external insurance companies. Shareholders of each class have exclusive voting rights to matters that affect that class. The distribution and service fees, if any, for each class may differ.

2. Significant accounting policies

The financial statements have been prepared in conformity with accounting principles generally accepted in the United States of America (US GAAP), which require management to make certain estimates and assumptions as of the date of the financial statements. Actual results could differ from those estimates and those differences could be significant. The portfolios qualify as investment companies under Topic 946 of Accounting Standards Codification of US GAAP.

Events or transactions occurring after the end of the fiscal period through the date that the financial statements were issued have been evaluated in the preparation of the financial statements. The following summarizes the significant accounting policies of the portfolios:

Security valuation. Investments are stated at value as of the scheduled close of regular trading on the New York Stock Exchange (NYSE), normally at 4:00 P.M., Eastern Time. In case of emergency or other disruption resulting in the NYSE not opening for trading or the NYSE closing at a time other than the regularly scheduled close, the net asset value (NAV) may be determined as of the regularly scheduled close of the NYSE pursuant to the Advisor's Valuation Policies and Procedures.

In order to value the securities, the portfolios use the following valuation techniques: Equity securities, including exchange-traded or closed-end funds, are typically valued at the last sale price or official closing price on the exchange or principal market where the security trades. In the event there were no sales during the day or closing prices are not available, the securities are valued using the last available bid price. Investments in open-end mutual funds, including John Hancock Collateral Trust (JHCT), are valued at their respective NAVs each business day. Debt obligations are typically valued based on evaluated prices provided by an independent pricing vendor. Independent pricing vendors utilize matrix pricing, which takes into account factors such as institutional-size trading in similar groups of securities, yield, quality, coupon rate, maturity, type of issue, trading characteristics and other market data, as well as broker supplied prices. Exchange-traded options are valued at the mid-price of the last quoted bid and ask prices from the exchange where the option trades. Unlisted options are generally valued using evaluated prices obtained from an independent pricing vendor. Futures contracts whose settlement prices are determined as of the close of the NYSE are typically valued based on the settlement price while other futures contracts are typically valued at the last traded price on the exchange on which they trade. Foreign equity index futures that trade in the electronic trading market subsequent to the close of regular trading may be valued at the last traded price in the electronic trading market as of 4:00 P.M. ET, or may be fair valued based on fair value adjustment factors provided by an independent pricing vendor in order to adjust for events that may occur between the close of foreign exchanges or markets and the close of the NYSE. Foreign securities and currencies are valued in U.S. dollars based on foreign currency exchange rates supplied by an independent pricing vendor.

In certain instances, the Pricing Committee of the Advisor may determine to value equity securities using prices obtained from another exchange or market if trading on the exchange or market on which prices are typically obtained did not open for trading as scheduled, or if trading closed earlier than scheduled, and trading occurred as normal on another exchange or market.

Other portfolio securities and assets, for which reliable market quotations are not readily available, are valued at fair value as determined in good faith by the Pricing Committee following procedures established by the Advisor and adopted by the Board of Trustees. The frequency with which these fair valuation procedures are used cannot be predicted and fair value of securities may differ significantly from the value that would have been used had a ready market for such securities existed. Trading in foreign securities may be completed before the scheduled daily close of trading on the NYSE. Significant events at the issuer or market level may affect the values of securities between the time when the valuation of the securities is generally determined and the close of the NYSE. If a significant event occurs, these securities may be fair valued, as determined in good faith by the Pricing Committee, following procedures established by the Advisor and adopted by the Board of Trustees. The Advisor uses fair value adjustment factors provided by an independent pricing vendor to value certain foreign securities in order to adjust for events that may occur between the close of foreign exchanges or markets and the close of the NYSE.

The portfolios use a three tier hierarchy to prioritize the pricing assumptions, referred to as inputs, used in valuation techniques to measure fair value. Level 1 includes securities valued using quoted prices in active markets for identical securities, including registered investment companies. Level 2 includes securities valued using other significant observable inputs. Observable inputs may include quoted prices for similar securities, interest rates, prepayment

Significant accounting policies, continued

speeds and credit risk. Prices for securities valued using these inputs are received from independent pricing vendors and brokers and are based on an evaluation of the inputs described. Level 3 includes securities valued using significant unobservable inputs when market prices are not readily available or reliable, including the Advisor's assumptions in determining the fair value of investments. Factors used in determining value may include market or issuer specific events or trends, changes in interest rates and credit quality. The inputs or methodology used for valuing securities are not necessarily an indication of the risks associated with investing in those securities. Changes in valuation techniques and related inputs may result in transfers into or out of an assigned level within the disclosure hierarchy.

The following is a summary of the values by input classification of the portfolios' investments as of June 30, 2023, by major security category or type:

	Total value at 6-30-23	Level 1 quoted price	Level 2 significant observable inputs	Level 3 significant unobservable inputs
500 Index Trust				
Investments in securities:				
Assets				
Common stocks	\$7,549,564,099	\$7,549,564,099	—	—
Short-term investments	306,485,613	306,485,613	—	—
Total investments in securities	\$7,856,049,712	\$7,856,049,712	—	—
Derivatives:				
Assets				
Futures	\$9,674,891	\$9,674,891	—	—
American Asset Allocation Trust				
Investments in securities:				
Assets				
Investment companies	\$1,142,690,818	\$1,142,690,818	—	—
Total investments in securities	\$1,142,690,818	\$1,142,690,818	—	—
American Global Growth Trust				
Investments in securities:				
Assets				
Investment companies	\$189,403,968	\$189,403,968	—	—
Total investments in securities	\$189,403,968	\$189,403,968	—	—
American Growth Trust				
Investments in securities:				
Assets				
Investment companies	\$854,260,423	\$854,260,423	—	—
Total investments in securities	\$854,260,423	\$854,260,423	—	—
American Growth-Income Trust				
Investments in securities:				
Assets				
Investment companies	\$873,472,667	\$873,472,667	—	—
Total investments in securities	\$873,472,667	\$873,472,667	—	—
American International Trust				
Investments in securities:				
Assets				
Investment companies	\$359,523,120	\$359,523,120	—	—
Total investments in securities	\$359,523,120	\$359,523,120	—	—
Blue Chip Growth Trust				
Investments in securities:				
Assets				
Common stocks				
Communication services	\$260,297,471	\$260,297,471	—	—
Consumer discretionary	250,511,396	250,511,396	—	—

Significant accounting policies, continued

	Total value at 6-30-23	Level 1 quoted price	Level 2 significant observable inputs	Level 3 significant unobservable inputs
Blue Chip Growth Trust (continued)				
Consumer staples	\$10,754,714	\$10,754,714	—	—
Financials	174,088,898	168,194,300	\$5,894,598	—
Health care	218,586,179	218,586,179	—	—
Industrials	24,456,916	24,456,916	—	—
Information technology	749,034,216	749,034,216	—	—
Materials	16,238,732	16,238,732	—	—
Utilities	4,046,785	4,046,785	—	—
Corporate bonds	3,044,546	—	3,044,546	—
Short-term investments	5,537,084	5,537,084	—	—
Total investments in securities	\$1,716,596,937	\$1,707,657,793	\$8,939,144	—

Capital Appreciation Trust

Investments in securities:

Assets				
Common stocks				
Communication services	\$47,612,997	\$47,612,997	—	—
Consumer discretionary	128,270,730	115,492,384	\$12,778,346	—
Consumer staples	16,054,508	10,249,678	5,804,830	—
Energy	2,657,097	2,657,097	—	—
Financials	51,245,795	45,328,686	5,917,109	—
Health care	58,738,959	58,738,959	—	—
Industrials	10,523,551	10,523,551	—	—
Information technology	205,719,365	205,719,365	—	—
Real estate	5,191,192	5,191,192	—	—
Preferred securities	4,205,141	—	4,205,141	—
Short-term investments	1,202,558	1,202,558	—	—
Total investments in securities	\$531,421,893	\$502,716,467	\$28,705,426	—

Capital Appreciation Value Trust

Investments in securities:

Assets				
Common stocks	\$300,891,057	\$300,891,057	—	—
Preferred securities	1,358,800	1,358,800	—	—
U.S. Government and Agency obligations	38,400,953	—	\$38,400,953	—
Corporate bonds	36,067,943	—	36,067,943	—
Term loans	43,072,114	—	43,072,114	—
Asset backed securities	484,356	—	484,356	—
Short-term investments	46,616,672	44,400,672	2,216,000	—
Total investments in securities	\$466,891,895	\$346,650,529	\$120,241,366	—

Derivatives:

Liabilities				
Written options	\$(5,981,992)	—	\$(5,981,992)	—

Disciplined Value International Trust

Investments in securities:

Assets				
Common stocks				
Austria	\$2,453,657	—	\$2,453,657	—
Belgium	1,367,110	—	1,367,110	—
Bermuda	4,486,913	\$4,486,913	—	—
Brazil	3,080,665	3,080,665	—	—
Canada	22,193,759	22,193,759	—	—
China	5,693,136	—	5,693,136	—

Significant accounting policies, continued

	Total value at 6-30-23	Level 1 quoted price	Level 2 significant observable inputs	Level 3 significant unobservable inputs
Disciplined Value International Trust (continued)				
Finland	\$3,023,946	—	\$3,023,946	—
France	25,175,168	—	25,175,168	—
Germany	16,379,703	—	16,379,703	—
Greece	2,028,609	—	2,028,609	—
India	4,319,797	\$4,319,797	—	—
Ireland	9,824,612	5,521,594	4,303,018	—
Japan	45,560,589	—	45,560,589	—
Luxembourg	3,881,045	—	3,881,045	—
Netherlands	18,358,330	—	18,358,330	—
Singapore	6,633,854	—	6,633,854	—
South Korea	6,898,911	—	6,898,911	—
Spain	5,395,058	—	5,395,058	—
Sweden	1,212,779	—	1,212,779	—
Switzerland	27,042,764	—	27,042,764	—
United Kingdom	66,080,714	10,662,340	55,418,374	—
United States	5,349,354	5,349,354	—	—
Rights	40,617	—	40,617	—
Short-term investments	7,177,495	7,177,495	—	—
Total investments in securities	\$293,658,585	\$62,791,917	\$230,866,668	—

Emerging Markets Value Trust

Investments in securities:

Assets

Common stocks

Australia	\$53,699	—	\$53,699	—
Belgium	47,101	—	47,101	—
Brazil	6,403,808	\$6,403,808	—	—
Canada	59,805	—	59,805	—
Chile	1,314,324	1,314,324	—	—
China	47,148,516	3,734,728	43,298,740	\$115,048
Colombia	158,276	158,276	—	—
Czech Republic	287,896	—	287,896	—
Greece	1,001,034	—	1,001,034	—
Hong Kong	7,948,336	—	7,822,232	126,104
Hungary	378,172	—	378,172	—
India	35,028,071	86,250	34,880,365	61,456
Indonesia	3,844,357	—	3,797,978	46,379
Kuwait	952,720	—	952,720	—
Malaysia	3,316,021	—	3,316,021	—
Mexico	5,791,616	5,791,616	—	—
Panama	660	660	—	—
Philippines	1,711,765	—	1,708,776	2,989
Poland	1,867,479	—	1,867,479	—
Qatar	1,656,367	—	1,656,367	—
Russia	58,612	—	—	58,612
Saudi Arabia	7,979,660	—	7,979,660	—
Singapore	65,652	—	65,652	—
South Africa	6,064,137	713,527	5,350,610	—
South Korea	26,462,212	2,049,766	24,412,446	—
Taiwan	36,741,449	—	36,741,449	—
Thailand	4,161,065	—	4,161,065	—
Turkey	1,476,028	—	1,475,829	199
United Arab Emirates	2,681,676	—	2,681,676	—
United States	49,788	—	49,788	—

Significant accounting policies, continued

	Total value at 6-30-23	Level 1 quoted price	Level 2 significant observable inputs	Level 3 significant unobservable inputs
Emerging Markets Value Trust (continued)				
Preferred securities				
Brazil	\$4,654,816	\$4,654,816	—	—
Colombia	63,793	63,793	—	—
India	6,278	—	—	\$6,278
Philippines	9,883	—	\$9,883	—
Rights	674	—	674	—
Warrants	170	146	24	—
Short-term investments	232,338	232,338	—	—
Total investments in securities	\$209,678,254	\$25,204,048	\$184,057,141	\$417,065

Derivatives:

Liabilities

Futures	\$(9,635)	\$(9,635)	—	—
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Level 3 includes securities valued at \$0. Refer to Portfolio of Investments.

Equity Income Trust

Investments in securities:

Assets				
Common stocks				
Communication services	\$63,495,696	\$63,495,696	—	—
Consumer discretionary	44,751,625	44,751,625	—	—
Consumer staples	106,970,613	106,970,613	—	—
Energy	112,235,557	81,377,587	\$30,857,970	—
Financials	287,890,521	287,890,521	—	—
Health care	241,707,739	231,790,168	9,917,571	—
Industrials	163,456,581	163,456,581	—	—
Information technology	110,322,883	100,076,496	10,246,387	—
Materials	49,078,395	49,078,395	—	—
Real estate	57,894,628	57,894,628	—	—
Utilities	94,496,079	94,496,079	—	—
Preferred securities				
Consumer discretionary	26,353,402	14,929,581	11,423,821	—
Utilities	6,812,632	6,812,632	—	—
Short-term investments	22,002,004	22,002,004	—	—
Total investments in securities	\$1,387,468,355	\$1,325,022,606	\$62,445,749	—

Financial Industries Trust

Investments in securities:

Assets				
Common stocks				
Financials				
Banks	\$53,120,090	\$45,926,436	\$7,193,654	—
Capital markets	23,855,239	23,855,239	—	—
Consumer finance	1,433,840	1,433,840	—	—
Financial services	3,808,613	3,808,613	—	—
Insurance	22,846,398	21,682,487	1,163,911	—
Real estate				
Industrial REITs	2,941,610	2,941,610	—	—
Specialized REITs	124,346	124,346	—	—
Convertible bonds	626,731	—	626,731	—
Corporate bonds	491,693	—	491,693	—
Short-term investments	2,591,461	2,591,461	—	—
Total investments in securities	\$111,840,021	\$102,364,032	\$9,475,989	—

Significant accounting policies, continued

	Total value at 6-30-23	Level 1 quoted price	Level 2 significant observable inputs	Level 3 significant unobservable inputs
Fundamental All Cap Core Trust				
Investments in securities:				
Assets				
Common stocks				
Communication services	\$233,107,572	\$233,107,572	—	—
Consumer discretionary	466,628,762	416,457,215	\$50,171,547	—
Consumer staples	111,028,144	111,028,144	—	—
Energy	95,736,102	95,736,102	—	—
Financials	335,902,297	335,902,297	—	—
Health care	118,839,708	118,839,708	—	—
Industrials	106,674,541	106,674,541	—	—
Information technology	560,687,127	560,687,127	—	—
Materials	28,461,855	28,461,855	—	—
Real estate	92,563,901	92,563,901	—	—
Short-term investments	23,578,406	23,578,406	—	—
Total investments in securities	\$2,173,208,415	\$2,123,036,868	\$50,171,547	—

Fundamental Large Cap Value Trust

Investments in securities:

Assets				
Common stocks				
Communication services	\$64,688,866	\$64,688,866	—	—
Consumer discretionary	63,203,061	55,046,231	\$8,156,830	—
Consumer staples	57,732,671	38,088,141	19,644,530	—
Energy	47,931,782	47,931,782	—	—
Financials	135,886,941	135,886,941	—	—
Health care	98,455,641	98,455,641	—	—
Industrials	110,753,465	101,046,823	9,706,642	—
Information technology	116,071,202	107,410,306	8,660,896	—
Materials	16,274,738	16,274,738	—	—
Real estate	18,422,493	18,422,493	—	—
Escrow certificates	—	—	—	—
Short-term investments	29,195,835	29,195,835	—	—
Total investments in securities	\$758,616,695	\$712,447,797	\$46,168,898	—

Level 3 includes securities valued at \$0. Refer to Portfolio of Investments.

Global Equity Trust

Investments in securities:

Assets				
Common stocks				
France	\$44,945,962	—	\$44,945,962	—
Ireland	13,363,384	\$6,685,386	6,677,998	—
Japan	26,919,990	—	26,919,990	—
Netherlands	18,142,833	—	18,142,833	—
Spain	3,990,290	—	3,990,290	—
Switzerland	6,597,325	3,692,916	2,904,409	—
United Kingdom	5,767,667	1,410,334	4,357,333	—
United States	160,674,563	160,674,563	—	—
Preferred securities	7,179,551	—	7,179,551	—
Escrow certificates	—	—	—	—
Short-term investments	3,485,204	3,485,204	—	—
Total investments in securities	\$291,066,769	\$175,948,403	\$115,118,366	—

Level 3 includes securities valued at \$0. Refer to Portfolio of Investments.

Significant accounting policies, continued

	Total value at 6-30-23	Level 1 quoted price	Level 2 significant observable inputs	Level 3 significant unobservable inputs
Health Sciences Trust				
Investments in securities:				
Assets				
Common stocks				
Consumer discretionary	\$161,731	\$161,731	—	—
Health care	264,594,213	258,153,014	\$6,441,199	—
Materials	146,676	146,676	—	—
Preferred securities	1,222,999	—	1,222,999	—
Warrants	1,272	1,272	—	—
Short-term investments	3,128,794	3,128,794	—	—
Total investments in securities	\$269,255,685	\$261,591,487	\$7,664,198	—
International Equity Index Trust				
Investments in securities:				
Assets				
Common stocks				
Australia	\$38,864,233	—	\$38,864,233	—
Austria	999,916	—	999,916	—
Belgium	4,256,450	—	4,256,450	—
Brazil	9,016,726	\$9,015,424	1,302	—
Canada	62,732,001	62,428,534	303,467	—
Cayman Islands	103,995	—	103,995	—
Chile	1,241,872	960,563	281,309	—
China	57,062,220	4,169,692	52,892,528	—
Colombia	102,638	102,638	—	—
Czech Republic	398,135	—	398,135	—
Denmark	16,335,200	—	16,335,200	—
Egypt	171,598	—	171,598	—
Finland	5,881,266	—	5,881,266	—
France	64,375,520	—	64,375,520	—
Germany	42,573,638	—	42,573,638	—
Greece	1,017,112	—	1,014,053	\$3,059
Hong Kong	19,109,135	67,558	19,008,747	32,830
Hungary	483,701	—	483,701	—
India	33,165,922	3,260,380	29,905,542	—
Indonesia	4,529,906	9,548	4,520,358	—
Ireland	7,526,707	1,474,486	6,052,221	—
Israel	3,236,315	837,239	2,399,076	—
Italy	11,563,538	—	11,563,538	—
Japan	121,336,591	—	121,336,591	—
Jordan	166,216	—	166,216	—
Luxembourg	1,151,165	—	1,151,165	—
Macau	315,074	—	315,074	—
Malaysia	3,063,714	—	3,063,714	—
Mexico	6,296,576	6,296,576	—	—
Netherlands	26,500,341	—	26,500,341	—
New Zealand	1,322,675	—	1,322,675	—
Norway	3,396,016	—	3,396,016	—
Peru	418,626	418,626	—	—
Philippines	1,489,028	—	1,489,028	—
Poland	1,828,512	—	1,828,512	—
Portugal	933,531	—	933,531	—
Russia	193,855	—	—	193,855
Saudi Arabia	9,107,804	—	9,107,804	—
Singapore	7,689,047	986,284	6,702,763	—
South Africa	7,108,311	—	7,108,311	—

Significant accounting policies, continued

	Total value at 6-30-23	Level 1 quoted price	Level 2 significant observable inputs	Level 3 significant unobservable inputs
International Equity Index Trust (continued)				
South Korea	\$25,781,581	\$72,567	\$25,709,014	—
Spain	13,738,065	80,117	13,657,948	—
Sweden	16,404,813	—	16,404,813	—
Switzerland	57,535,399	—	57,535,399	—
Taiwan	34,641,760	—	34,641,760	—
Thailand	4,014,933	—	4,014,933	—
Turkey	1,145,330	—	1,145,330	—
United Arab Emirates	9	—	9	—
United Kingdom	73,957,483	—	73,957,483	—
United States	816,630	513,604	303,026	—
Preferred securities				
Brazil	3,417,195	3,417,195	—	—
Germany	2,749,631	—	2,749,631	—
South Korea	1,478,773	—	1,478,773	—
Rights				
	69,132	—	69,132	—
Warrants				
	350	350	—	—
Short-term investments				
	12,283,747	12,283,747	—	—
Total investments in securities	\$825,099,657	\$106,395,128	\$718,474,785	\$229,744
Derivatives:				
Assets				
Futures	\$86,981	\$86,981	—	—
Liabilities				
Futures	(105,844)	(105,844)	—	—

Level 3 includes securities valued at \$0. Refer to Portfolio of Investments.

International Small Company Trust

Investments in securities:

Assets				
Common stocks				
Australia	\$6,181,877	\$124,495	\$6,014,770	\$42,612
Austria	1,533,641	—	1,533,641	—
Belgium	1,491,510	35,371	1,456,139	—
Bermuda	207,172	—	207,172	—
Cambodia	28,000	—	28,000	—
Canada	10,892,933	10,863,875	28,798	260
China	12,552	—	12,552	—
Denmark	2,720,793	—	2,720,793	—
Finland	2,152,970	—	2,152,970	—
France	5,028,641	—	5,028,641	—
Gabon	3,976	—	3,976	—
Georgia	67,963	—	67,963	—
Germany	5,651,584	—	5,651,584	—
Gibraltar	19,793	—	19,793	—
Greece	15,872	—	15,805	67
Guernsey, Channel Islands	145	—	—	145
Hong Kong	2,089,673	—	2,066,648	23,025
Indonesia	24,380	—	24,380	—
Ireland	523,510	—	523,510	—
Isle of Man	94,243	—	94,243	—
Israel	1,280,509	11,586	1,268,923	—
Italy	3,960,494	—	3,960,494	—
Japan	24,114,189	—	24,114,189	—
Jersey, Channel Islands	67,273	—	67,273	—
Liechtenstein	65,361	—	65,361	—
Luxembourg	385,851	—	385,851	—

Significant accounting policies, continued

	Total value at 6-30-23	Level 1 quoted price	Level 2 significant observable inputs	Level 3 significant unobservable inputs
International Small Company Trust (continued)				
Macau	\$11,101	—	\$11,101	—
Malaysia	10,318	—	10,318	—
Malta	6,201	—	6,201	—
Mauritius	10,825	—	10,825	—
Netherlands	2,037,990	—	2,037,990	—
New Zealand	428,173	—	428,173	—
Norway	827,345	—	827,345	—
Peru	14,899	—	14,899	—
Portugal	364,201	—	364,201	—
Singapore	1,122,011	—	1,106,733	\$15,278
Spain	2,501,830	—	2,501,830	—
Sweden	2,514,573	—	2,514,573	—
Switzerland	7,686,261	—	7,686,261	—
Taiwan	8,733	—	8,733	—
United Arab Emirates	113,382	\$34,977	78,405	—
United Kingdom	11,301,569	266	11,267,165	34,138
United States	787,218	327,532	459,686	—
Preferred securities	365,499	—	365,499	—
Rights	10,128	2,219	7,909	—
Warrants	860	2	858	—
Short-term investments	1,373,669	1,373,669	—	—
Total investments in securities	\$100,111,691	\$12,773,992	\$87,222,174	\$115,525

Derivatives:

Assets				
Futures	\$4,308	\$4,308	—	—

Level 3 includes securities valued at \$0. Refer to Portfolio of Investments.

Lifestyle Balanced Portfolio

Investments in securities:

Assets				
Affiliated investment companies	\$942,858,787	\$942,858,787	—	—
Total investments in securities	\$942,858,787	\$942,858,787	—	—

Lifestyle Conservative Portfolio

Investments in securities:

Assets				
Affiliated investment companies	\$168,468,824	\$168,468,824	—	—
Short-term investments	52,295	52,295	—	—
Total investments in securities	\$168,521,119	\$168,521,119	—	—

Lifestyle Growth Portfolio

Investments in securities:

Assets				
Affiliated investment companies	\$5,126,998,595	\$5,126,998,595	—	—
Short-term investments	11	11	—	—
Total investments in securities	\$5,126,998,606	\$5,126,998,606	—	—

Lifestyle Moderate Portfolio

Investments in securities:

Assets				
Affiliated investment companies	\$286,587,240	\$286,587,240	—	—

Significant accounting policies, continued

	Total value at 6-30-23	Level 1 quoted price	Level 2 significant observable inputs	Level 3 significant unobservable inputs
Lifestyle Moderate Portfolio (continued)				
Short-term investments	\$38,210	\$38,210	—	—
Total investments in securities	\$286,625,450	\$286,625,450	—	—
Mid Cap Growth Trust				
Investments in securities:				
Assets				
Common stocks	\$591,172,927	\$591,172,927	—	—
Preferred securities	3,621,294	—	—	\$3,621,294
Exchange-traded funds	4,671,771	4,671,771	—	—
Short-term investments	28,851,025	19,151,025	\$9,700,000	—
Total investments in securities	\$628,317,017	\$614,995,723	\$9,700,000	\$3,621,294
Mid Cap Index Trust				
Investments in securities:				
Assets				
Common stocks	\$1,132,381,287	\$1,132,381,287	—	—
Short-term investments	73,382,086	73,382,086	—	—
Total investments in securities	\$1,205,763,373	\$1,205,763,373	—	—
Derivatives:				
Assets				
Futures	\$833,070	\$833,070	—	—
Mid Value Trust				
Investments in securities:				
Assets				
Common stocks				
Communication services	\$25,116,980	\$25,116,980	—	—
Consumer discretionary	48,639,325	43,246,010	\$5,393,315	—
Consumer staples	43,962,079	43,962,079	—	—
Energy	40,954,996	40,954,996	—	—
Financials	87,593,158	87,593,158	—	—
Health care	67,104,630	67,104,630	—	—
Industrials	108,701,178	97,967,599	10,733,579	—
Information technology	56,918,903	56,918,903	—	—
Materials	33,513,226	33,513,226	—	—
Real estate	42,531,012	42,531,012	—	—
Utilities	40,799,574	40,799,574	—	—
Short-term investments	19,848,348	19,848,348	—	—
Total investments in securities	\$615,683,409	\$599,556,515	\$16,126,894	—
Real Estate Securities Trust				
Investments in securities:				
Assets				
Common stocks	\$288,513,560	\$288,513,560	—	—
Short-term investments	1,682,976	1,682,976	—	—
Total investments in securities	\$290,196,536	\$290,196,536	—	—

Significant accounting policies, continued

	Total value at 6-30-23	Level 1 quoted price	Level 2 significant observable inputs	Level 3 significant unobservable inputs
Science & Technology Trust				
Investments in securities:				
Assets				
Common stocks				
Communication services	\$107,567,684	\$107,567,684	—	—
Consumer discretionary	185,840,505	127,548,312	\$58,292,193	—
Financials	52,149,294	52,149,294	—	—
Health care	2,448,688	2,448,688	—	—
Industrials	6,832,171	6,832,171	—	—
Information technology	442,486,704	408,975,905	33,510,799	—
Real estate	4,199,803	4,199,803	—	—
Short-term investments	59,213,159	59,213,159	—	—
Total investments in securities	\$860,738,008	\$768,935,016	\$91,802,992	—

Small Cap Index Trust

Investments in securities:				
Assets				
Common stocks				
Communication services	\$12,455,316	\$12,455,316	—	—
Consumer discretionary	52,232,543	52,220,980	\$11,563	—
Consumer staples	16,968,290	16,968,290	—	—
Energy	33,699,175	33,699,175	—	—
Financials	74,621,065	74,621,065	—	—
Health care	84,036,184	83,933,935	—	\$102,249
Industrials	86,230,909	86,230,909	—	—
Information technology	67,616,975	67,616,975	—	—
Materials	22,938,866	22,925,748	—	13,118
Real estate	30,355,772	30,355,772	—	—
Utilities	14,935,929	14,935,929	—	—
Warrants	8,005	8,005	—	—
Short-term investments	28,530,158	28,530,158	—	—
Total investments in securities	\$524,629,187	\$524,502,257	\$11,563	\$115,367

Derivatives:

Assets				
Futures	\$34,207	\$34,207	—	—

Level 3 includes securities valued at \$0. Refer to Portfolio of Investments.

Small Cap Opportunities Trust

Investments in securities:				
Assets				
Common stocks				
Communication services	\$3,159,619	\$3,157,630	—	\$1,989
Consumer discretionary	23,882,151	23,882,151	—	—
Consumer staples	5,237,296	5,237,296	—	—
Energy	12,200,628	12,200,628	—	—
Financials	29,108,245	29,108,245	—	—
Health care	18,842,390	18,823,974	—	18,416
Industrials	32,963,197	32,963,197	—	—
Information technology	18,552,794	18,552,794	—	—
Materials	10,769,863	10,759,155	—	10,708
Real estate	2,571,839	2,571,839	—	—
Utilities	508,048	508,048	—	—
Preferred securities	40,267	40,267	—	—

Significant accounting policies, continued

	Total value at 6-30-23	Level 1 quoted price	Level 2 significant observable inputs	Level 3 significant unobservable inputs
Small Cap Opportunities Trust (continued)				
Short-term investments	\$2,482,221	\$2,482,221	—	—
Total investments in securities	\$160,318,558	\$160,287,445	—	\$31,113

Level 3 includes securities valued at \$0. Refer to Portfolio of Investments.

Small Cap Stock Trust

Investments in securities:

Assets				
Common stocks	\$262,988,127	\$262,988,127	—	—
Exchange-traded funds	6,733,572	6,733,572	—	—
Short-term investments	11,215,245	8,815,245	\$2,400,000	—
Total investments in securities	\$280,936,944	\$278,536,944	\$2,400,000	—

Small Cap Value Trust

Investments in securities:

Assets				
Common stocks	\$437,440,332	\$437,440,332	—	—
Short-term investments	9,570,131	1,370,131	\$8,200,000	—
Total investments in securities	\$447,010,463	\$438,810,463	\$8,200,000	—

Small Company Value Trust

Investments in securities:

Assets				
Common stocks	\$122,349,322	\$122,349,322	—	—
Warrants	611	611	—	—
Short-term investments	5,362,547	5,362,547	—	—
Total investments in securities	\$127,712,480	\$127,712,480	—	—

Strategic Equity Allocation Trust

Investments in securities:

Assets				
Common stocks				
Communication services	\$440,486,994	\$351,858,922	\$88,628,072	—
Consumer discretionary	802,684,261	531,429,571	271,254,690	—
Consumer staples	517,132,366	297,469,372	219,662,994	—
Energy	301,192,171	207,820,602	93,371,569	—
Financials	1,015,317,737	610,946,124	404,371,613	—
Health care	927,968,279	638,275,691	289,625,393	\$67,195
Industrials	876,072,529	518,105,071	357,967,458	—
Information technology	1,393,590,668	1,214,441,246	179,149,422	—
Materials	316,896,374	151,636,550	165,249,576	10,248
Real estate	203,789,451	153,530,123	50,259,328	—
Utilities	205,768,324	128,857,507	76,910,817	—
Preferred securities	11,451,430	—	11,451,430	—
Warrants	311,028	311,028	—	—
Short-term investments	309,319,830	309,319,830	—	—
Total investments in securities	\$7,321,981,442	\$5,114,001,637	\$2,207,902,362	\$77,443

Derivatives:

Assets				
Futures	\$2,656,562	\$2,656,562	—	—

Level 3 includes securities valued at \$0. Refer to Portfolio of Investments.

Significant accounting policies, continued

	Total value at 6-30-23	Level 1 quoted price	Level 2 significant observable inputs	Level 3 significant unobservable inputs
Total Stock Market Index Trust				
Investments in securities:				
Assets				
Common stocks				
Communication services	\$59,162,250	\$59,161,959	\$291	—
Consumer discretionary	83,671,571	83,669,214	2,328	\$29
Consumer staples	49,710,165	49,710,165	—	—
Energy	30,316,434	30,309,324	—	7,110
Financials	96,867,308	96,859,793	7,515	—
Health care	98,295,057	98,268,766	—	26,291
Industrials	73,133,727	73,133,727	—	—
Information technology	195,762,323	195,762,323	—	—
Materials	20,696,860	20,696,665	—	195
Real estate	20,997,693	20,994,834	—	2,859
Utilities	17,672,556	17,672,556	—	—
Preferred securities	21,638	21,638	—	—
Warrants	4,676	4,676	—	—
Short-term investments	18,416,202	18,416,202	—	—
Total investments in securities	\$764,728,460	\$764,681,842	\$10,134	\$36,484
Derivatives:				
Assets				
Futures	\$401,847	\$401,847	—	—

Level 3 includes securities valued at \$0. Refer to Portfolio of Investments.

Repurchase agreements. The portfolios may enter into repurchase agreements. When the portfolios enter into a repurchase agreement, they receive collateral that is held in a segregated account by the portfolios' custodian, or for tri-party repurchase agreements, collateral is held at a third-party custodian bank in a segregated account for the benefit of the portfolios. The collateral amount is marked-to-market and monitored on a daily basis to ensure that the collateral held is in an amount not less than the principal amount of the repurchase agreement plus any accrued interest. Collateral received by the portfolio for repurchase agreements is disclosed in the Portfolios of investments as part of the caption related to the repurchase agreement.

Repurchase agreements are typically governed by the terms and conditions of the Master Repurchase Agreement and/or Global Master Repurchase Agreement (collectively, MRA). Upon an event of default, the non-defaulting party may close out all transactions traded under the MRA and net amounts owed. Absent an event of default, assets and liabilities resulting from repurchase agreements are not offset in the Statements of assets and liabilities. In the event of a default by the counterparty, realization of the collateral proceeds could be delayed, during which time the collateral value may decline or the counterparty may have insufficient assets to pay claims resulting from close-out of the transactions.

Term loans (Floating rate loans). The portfolios may invest in term loans, which are debt securities and are often rated below investment grade at the time of purchase. Term loans are generally subject to legal or contractual restrictions on resale and generally have longer settlement periods than conventional debt securities. Term loans involve special types of risk, including credit risk, interest-rate risk, counterparty risk, and risk associated with extended settlement. The liquidity of term loans, including the volume and frequency of secondary market trading in such loans, varies significantly over time and among individual loans. During periods of infrequent trading, valuing a term loan can be more difficult and buying and selling a term loan at an acceptable price can be more difficult and delayed, which could result in a loss.

The portfolios' ability to receive payments of principal, interest and other amounts in connection with term loans will depend primarily on the financial condition of the borrower. The portfolios' failure to receive scheduled payments on a term loan due to a default, bankruptcy or other reason would adversely affect the portfolios' income and would likely reduce the value of its assets. Transactions in loan investments typically take a significant amount of time (i.e., seven days or longer) to settle. This could pose a liquidity risk to the portfolios and, if the portfolios' exposure to such investments is substantial, it could impair the portfolios' ability to meet redemptions. Because term loans may not be rated by independent credit rating agencies, a decision to invest in a particular loan could depend exclusively on the subadvisor's credit analysis of the borrower and/or term loan agents. There is greater risk that the portfolios may have limited rights to enforce the terms of an underlying loan than for other types of debt instruments.

At June 30, 2023, Capital Appreciation Value Trust had \$81,872 in unfunded loan commitments outstanding.

Security transactions and related investment income. Investment security transactions are accounted for on a trade date plus one basis for daily NAV calculations. However, for financial reporting purposes, investment transactions are reported on trade date. Interest income is accrued as earned. Interest income includes coupon interest and amortization/accretion of premiums/discounts on debt securities. Debt obligations may be placed in a non-accrual status and related interest income may be reduced by stopping current accruals and writing off interest receivable when the collection of all or a portion of interest has become doubtful. Capital gain distributions from underlying funds are recorded on ex-date. Dividend income is recorded on ex-date, except for dividends of certain foreign securities where the dividend may not be known until after the ex-date. In those cases, dividend income, net of withholding taxes, is recorded when the portfolio becomes aware of the dividends. Non-cash dividends, if any, are recorded at the fair market value of the securities received. Distributions received on securities that represent a tax return of capital and/or capital gain, if any, are recorded as a reduction of cost of

Significant accounting policies, continued

investments and/or as a realized gain, if amounts are estimable. Gains and losses on securities sold are determined on the basis of identified cost and may include proceeds from litigation. Return of capital distributions from underlying funds, if any, are treated as a reduction of cost.

Real estate investment trusts. The portfolios may invest in real estate investment trusts (REITs). Distributions from REITs may be recorded as income and subsequently characterized by the REIT at the end of their fiscal year as a reduction of cost of investments and/or as a realized gain. As a result, the portfolios will estimate the components of distributions from these securities. Such estimates are revised when the actual components of the distributions are known.

Securities lending. The portfolios may lend their securities to earn additional income. The portfolios receive collateral from the borrower in an amount not less than the market value of the loaned securities. The portfolios may invest their cash collateral in JHCT, an affiliate of the portfolios, which has a floating NAV and is registered with the Securities and Exchange Commission (SEC) as an investment company. JHCT is a prime money market fund and invests in short-term money market investments. Each portfolio will receive the benefit of any gains and bear any losses generated by JHCT with respect to the cash collateral.

The portfolios have the right to recall loaned securities on demand. If a borrower fails to return loaned securities when due, then the lending agent is responsible and indemnifies the portfolios for the lent securities. The lending agent uses the collateral received from the borrower to purchase replacement securities of the same issue, type, class and series of the loaned securities. If the value of the collateral is less than the purchase cost of replacement securities, the lending agent is responsible for satisfying the shortfall but only to the extent that the shortfall is not due to any decrease in the value of JHCT.

Although the risk of loss on securities lent is mitigated by receiving collateral from the borrower and through lending agent indemnification, the portfolios could experience a delay in recovering securities or could experience a lower than expected return if the borrower fails to return the securities on a timely basis. During the existence of the loan, the portfolios will receive from the borrower amounts equivalent to any dividends, interest or other distributions on the loaned securities, as well as interest on such amounts. The portfolios receive compensation for lending their securities by retaining a portion of the return on the investment of the collateral and compensation from fees earned from borrowers of the securities. Securities lending income received by the portfolios is net of fees retained by the securities lending agent. Net income received from JHCT is a component of securities lending income as recorded on the Statements of operations.

Obligations to repay collateral received by the portfolios are shown on the Statements of assets and liabilities as Payable upon return of securities loaned and are secured by the loaned securities. The following table summarizes the values of securities loaned by the portfolios and the corresponding cash collateral received at June 30, 2023. In addition, non-cash collateral in the form of U.S. Treasuries was pledged, as indicated below. This non-cash collateral cannot be sold or repledged by the portfolios, and accordingly, is not reflected in the portfolios' net assets.

Portfolio	Market value of securities on loan	Cash collateral received	Non-cash collateral
500 Index Trust	\$13,682,470	\$13,968,922	—
Blue Chip Growth Trust	1,097,301	1,123,700	—
Disciplined Value International Trust	638,172	727,741	—
Emerging Markets Value Trust	227,708	232,609	—
Equity Income Trust	1,768,343	1,813,850	—
International Equity Index Trust	331,757	346,079	—
International Small Company Trust	1,259,319	1,373,961	—
Mid Cap Growth Trust	18,769,842	19,152,900	—
Mid Cap Index Trust	31,670,600	32,347,935	—
Mid Value Trust	4,802,031	4,962,700	—
Science & Technology Trust	987,373	1,008,725	—
Small Cap Index Trust	11,895,464	9,556,109	\$2,669,404
Small Cap Opportunities Trust	636,338	650,630	—
Small Cap Stock Trust	8,604,527	8,814,800	—
Small Cap Value Trust	1,333,425	1,372,075	—
Small Company Value Trust	2,031,579	2,076,635	—
Strategic Equity Allocation Trust	46,035,938	48,196,512	—
Total Stock Market Index Trust	5,074,704	5,194,793	—

Foreign investing. Assets, including investments, and liabilities denominated in foreign currencies are translated into U.S. dollar values each day at the prevailing exchange rate. Purchases and sales of securities, income and expenses are translated into U.S. dollars at the prevailing exchange rate on the date of the transaction. The effect of changes in foreign currency exchange rates on the value of securities is reflected as a component of the realized and unrealized gains (losses) on investments. Foreign investments are subject to a decline in the value of a foreign currency versus the U.S. dollar, which reduces the dollar value of securities denominated in that currency.

Portfolios that invest internationally generally carry more risk than portfolios that invest strictly in U.S. securities. These risks are heightened for investments in emerging markets. Risks can result from differences in economic and political conditions, regulations, market practices (including higher transaction costs), accounting standards and other factors.

There may be unexpected restrictions on investments or on exposures to investments in companies located in certain foreign countries, such as China. For example, a government may restrict investment in companies or industries considered important to national interests, or intervene in the financial markets, such as by imposing trading restrictions, or banning or curtailing short selling. As a result of forced sales of a security, or inability to participate in an investment the manager otherwise believes is attractive, a fund may incur losses.

Trading in certain Chinese securities through Hong Kong Stock Connect or Bond Connect, mutual market access programs that enable foreign investment

Significant accounting policies, continued

in the People's Republic of China, is subject to certain restrictions and risks. Securities offered through these programs may lose purchase eligibility and any changes in laws, regulations and policies impacting these programs may affect security prices, which could adversely affect the fund's performance.

Foreign taxes. The portfolios may be subject to withholding tax on income, capital gains or repatriations imposed by certain countries, a portion of which may be recoverable. Foreign taxes are accrued based upon the portfolios' understanding of the tax rules and rates that exist in the foreign markets in which it invests. Taxes are accrued based on gains realized by the portfolios as a result of certain foreign security sales. In certain circumstances, estimated taxes are accrued based on unrealized appreciation of such securities. Investment income is recorded net of foreign withholding taxes.

Overdraft. The portfolios may have the ability to borrow from banks for temporary or emergency purposes, including meeting redemption requests that otherwise might require the untimely sale of securities. Pursuant to the portfolios' custodian agreement, the custodian may loan money to the portfolios to make properly authorized payments. The portfolios are obligated to repay the custodian for any overdraft, including any related costs or expenses. The custodian may have a lien, security interest or security entitlement in any portfolio property that is not otherwise segregated or pledged, to the extent of any overdraft, and to the maximum extent permitted by law. Overdrafts at period end, if any, are presented under the caption Due to custodian in the Statements of assets and liabilities.

Line of credit. The portfolios and other affiliated funds, excluding International Equity Index Trust, have entered into a syndicated line of credit agreement with Citibank, N.A. as the administrative agent that enables them to participate in a \$1 billion unsecured committed line of credit. Excluding commitments designated for a certain fund and subject to the needs of all other affiliated funds, a portfolio can borrow up to an aggregate commitment amount of \$750 million, subject to asset coverage and other limitations as specified in the agreement.

International Equity Index Trust and other affiliated funds have entered into an unsecured \$50 million line of credit agreement with BNP Paribas. Subject to the needs of other affiliated funds, International Equity Index Trust can borrow up to the \$50 million, subject to asset coverage and other limitations as specified in the agreement. Effective July 17, 2023, International Equity Index Trust transitioned from the BNP Paribas arrangement to the syndicated line of credit agreement with Citibank, N.A. that enables International Equity Index Trust and other affiliated funds to participate in a \$1 billion unsecured committed line of credit. International Equity Index Trust can borrow up to the \$50 million, subject to asset coverage and other limitations as specified in the agreement.

A commitment fee payable at the end of each calendar quarter, based on the average daily unused portion of each line of credit, is charged to each participating portfolio based on a combination of fixed and asset-based allocations and is reflected in Other expenses on the Statements of operations. For the six months ended June 30, 2023, the portfolios had no borrowings under the line of credit.

Commitment fees for the six months ended June 30, 2023 were as follows:

Portfolio	Commitment fee	Portfolio	Commitment fee
500 Index Trust	\$11,605	International Small Company Trust	\$ 1,871
American Asset Allocation Trust	3,298	Lifestyle Balanced Portfolio	3,022
American Global Growth Trust	1,992	Lifestyle Conservative Portfolio	1,962
American Growth Trust	2,838	Lifestyle Growth Portfolio	8,697
American Growth-Income Trust	2,882	Lifestyle Moderate Portfolio	2,123
American International Trust	2,223	Mid Cap Growth Trust	2,544
Blue Chip Growth Trust	3,814	Mid Cap Index Trust	3,363
Capital Appreciation Trust	2,368	Mid Value Trust	2,560
Capital Appreciation Value Trust	2,342	Real Estate Securities Trust	2,128
Disciplined Value International Trust	2,116	Science & Technology Trust	2,755
Emerging Markets Value Trust	2,019	Small Cap Index Trust	2,447
Equity Income Trust	3,624	Small Cap Opportunities Trust	1,953
Financial Industries Trust	1,905	Small Cap Stock Trust	2,089
Fundamental All Cap Core Trust	4,534	Small Cap Value Trust	2,351
Fundamental Large Cap Value Trust	2,766	Small Company Value Trust	1,914
Global Equity Trust	2,119	Strategic Equity Allocation Trust	11,525
Health Sciences Trust	2,108	Total Stock Market Index Trust	2,705
International Equity Index Trust	10,804		

Expenses. Within the John Hancock group of funds complex, expenses that are directly attributable to an individual portfolio are allocated to such portfolio. Expenses that are not readily attributable to a specific portfolio are allocated among all portfolios in an equitable manner, taking into consideration, among other things, the nature and type of expense and each portfolio's relative net assets. Expense estimates are accrued in the period to which they relate and adjustments are made when actual amounts are known.

Class allocations. Income, common expenses and realized and unrealized gains (losses) are determined at the portfolio level and allocated daily to each class of shares based on the net assets of the class. Class-specific expenses, such as distribution and service fees, if any, for all classes, are charged daily at the class level based on the net assets of each class and the specific expense rates applicable to each class.

Federal income taxes. Each portfolio intends to continue to qualify as a regulated investment company by complying with the applicable provisions of the Internal Revenue Code and will not be subject to federal income tax on taxable income that is distributed to shareholders. Therefore, no federal income tax provision is required.

Significant accounting policies, continued

For federal income tax purposes, as of December 31, 2022, certain portfolios have capital loss carryforwards available to offset future net realized capital gains. The following table details the capital loss carryforwards available as of December 31, 2022:

Portfolio	No Expiration Date	
	Short Term	Long Term
Blue Chip Growth Trust	\$ 10,079,125	\$ —
Disciplined Value International Trust	440,757	—
Emerging Markets Value Trust	—	36,370,480
International Equity Index Trust	883,650	—
Mid Cap Growth Trust	108,128,604	5,513,652
Science & Technology Trust	82,762,281	10,905,131
Small Cap Stock Trust	51,632,770	12,223,650

As of December 31, 2022, the portfolios had no uncertain tax positions that would require financial statement recognition, derecognition or disclosure. The portfolios' federal tax returns are subject to examination by the Internal Revenue Service for a period of three years.

For federal income tax purposes, the costs of investments owned on June 30, 2023, including short-term investments, were as follows:

Portfolio	Aggregate cost	Unrealized appreciation	Unrealized (depreciation)	Net unrealized appreciation/(depreciation)
500 Index Trust	\$3,247,175,706	\$4,734,510,663	\$(115,961,766)	\$4,618,548,897
American Asset Allocation Trust	1,118,932,534	23,758,284	—	23,758,284
American Global Growth Trust	178,228,171	11,175,797	—	11,175,797
American Growth Trust	779,320,251	74,940,172	—	74,940,172
American Growth-Income Trust	761,382,383	112,090,284	—	112,090,284
American International Trust	409,653,855	—	(50,130,735)	(50,130,735)
Blue Chip Growth Trust	1,214,255,719	553,399,680	(51,058,462)	502,341,218
Capital Appreciation Trust	407,515,996	140,903,621	(16,997,724)	123,905,897
Capital Appreciation Value Trust	437,473,141	38,057,093	(14,620,331)	23,436,762
Disciplined Value International Trust	274,508,370	25,527,803	(6,377,588)	19,150,215
Emerging Markets Value Trust	224,112,598	33,754,012	(48,197,991)	(14,443,979)
Equity Income Trust	1,159,478,435	270,427,590	(42,437,670)	227,989,920
Financial Industries Trust	117,176,916	6,928,590	(12,265,485)	(5,336,895)
Fundamental All Cap Core Trust	1,511,549,262	729,809,476	(68,150,323)	661,659,153
Fundamental Large Cap Value Trust	588,174,161	198,777,812	(28,335,278)	170,442,534
Global Equity Trust	265,275,537	32,447,373	(6,656,141)	25,791,232
Health Sciences Trust	218,178,571	76,857,206	(25,780,092)	51,077,114
International Equity Index Trust	663,332,245	251,841,733	(90,093,184)	161,748,549
International Small Company Trust	115,488,365	15,490,287	(30,862,653)	(15,372,366)
Lifestyle Balanced Portfolio	1,026,280,405	—	(83,421,618)	(83,421,618)
Lifestyle Conservative Portfolio	196,813,042	—	(28,291,923)	(28,291,923)
Lifestyle Growth Portfolio	5,388,674,715	—	(261,676,109)	(261,676,109)
Lifestyle Moderate Portfolio	322,154,588	—	(35,529,138)	(35,529,138)
Mid Cap Growth Trust	613,535,605	64,952,919	(50,171,507)	14,781,412
Mid Cap Index Trust	998,843,970	293,322,747	(85,570,274)	207,752,473
Mid Value Trust	563,616,776	82,615,620	(30,548,987)	52,066,633
Real Estate Securities Trust	281,581,446	15,064,437	(6,449,347)	8,615,090
Science & Technology Trust	814,418,882	58,991,349	(12,672,223)	46,319,126
Small Cap Index Trust	464,585,406	147,678,871	(87,600,883)	60,077,988
Small Cap Opportunities Trust	141,030,329	37,644,171	(18,355,942)	19,288,229
Small Cap Stock Trust	258,594,171	42,802,444	(20,459,671)	22,342,773
Small Cap Value Trust	434,753,856	53,478,826	(41,222,219)	12,256,607
Small Company Value Trust	110,984,371	28,119,338	(11,391,229)	16,728,109
Strategic Equity Allocation Trust	4,161,118,523	3,465,353,559	(301,834,078)	3,163,519,481
Total Stock Market Index Trust	349,791,877	455,670,416	(40,331,986)	415,338,430

Distribution of income and gains. Distributions to shareholders from net investment income and net realized gains, if any, are recorded on the ex-date. The portfolios generally declare and pay dividends and capital gain distributions, if any, annually.

Distributions paid by the portfolios with respect to each class of shares are calculated in the same manner, at the same time and in the same amount, except for the effect of class level expenses that may be applied differently to each class.

Such distributions, on a tax basis, are determined in conformity with income tax regulations, which may differ from US GAAP. Distributions in excess of tax basis earnings and profits, if any, are reported in the portfolios' financial statements as a return of capital. The final determination of tax characteristics of the portfolio's distribution will occur at the end of the year and will subsequently be reported to shareholders. Short-term gains from underlying funds are treated as ordinary income for tax purposes.

Significant accounting policies, continued

Capital accounts within the financial statements are adjusted for permanent book-tax differences. These adjustments have no impact on net assets or the results of operations. Temporary book-tax differences, if any, will reverse in a subsequent period. Book-tax differences are primarily attributable to net operating losses, foreign currency transactions, wash sale loss deferrals, investments in passive foreign investment companies, partnerships, derivative transactions, and amortization and accretion on debt securities.

3. Derivative instruments

The portfolios may invest in derivatives in order to meet their investment objective. Derivatives include a variety of different instruments that may be traded in the over-the-counter (OTC) market, on a regulated exchange or through a clearing facility. The risks in using derivatives vary depending upon the structure of the instruments, including the use of leverage, optionality, the liquidity or lack of liquidity of the contract, the creditworthiness of the counterparty or clearing organization and the volatility of the position. Some derivatives involve risks that are potentially greater than the risks associated with investing directly in the referenced securities or other referenced underlying instrument. Specifically, the portfolios are exposed to the risk that the counterparty to an OTC derivatives contract will be unable or unwilling to make timely settlement payments or otherwise honor its obligations. OTC derivatives transactions typically can only be closed out with the other party to the transaction.

Derivatives which are typically traded through the OTC market are regulated by the Commodity Futures Trading Commission (the CFTC). Derivative counterparty risk is managed through an ongoing evaluation of the creditworthiness of all potential counterparties and, if applicable, designated clearing organizations. The portfolios attempt to reduce their exposure to counterparty risk for derivatives traded in the OTC market, whenever possible, by entering into an International Swaps and Derivatives Association (ISDA) Master Agreement with each of their OTC counterparties. The ISDA gives each party to the agreement the right to terminate all transactions traded under the agreement if there is certain deterioration in the credit quality or contractual default of the other party, as defined in the ISDA. Upon an event of default or a termination of the ISDA, the non-defaulting party has the right to close out all transactions and to net amounts owed.

As defined by the ISDA, the portfolios may have collateral agreements with certain counterparties to mitigate counterparty risk on OTC derivatives. Subject to established minimum levels, collateral for OTC transactions is generally determined based on the net aggregate unrealized gain or loss on contracts with a particular counterparty. Collateral pledged to the portfolios, if any, are held in a segregated account by a third-party agent or held by the custodian bank for the benefit of the portfolios and can be in the form of cash or debt securities issued by the U.S. government or related agencies; collateral posted by the portfolios, if any, for OTC transactions is held in a segregated account at the portfolios' custodian and is noted in the accompanying portfolio of investments, or if cash is posted, on the Statements of assets and liabilities. The portfolios' risk of loss due to counterparty risk is equal to the asset value of outstanding contracts offset by collateral received.

Certain derivatives are traded or cleared on an exchange or central clearinghouse. Exchange-traded or centrally-cleared transactions generally present less counterparty risk to a portfolio than OTC transactions. The exchange or clearinghouse stands between the portfolios and the broker to the contract and therefore, credit risk is generally limited to the failure of the exchange or clearinghouse and the clearing member.

Futures. A futures contract is a contractual agreement to buy or sell a particular currency or financial instrument at a pre-determined price in the future. Futures are traded on an exchange and cleared through a central clearinghouse. Risks related to the use of futures contracts include possible illiquidity of the futures markets and contract prices that can be highly volatile and imperfectly correlated to movements in the underlying financial instrument and potential losses in excess of the amounts recognized on the Statements of assets and liabilities. Use of long futures contracts subjects the portfolios to the risk of loss up to the notional value of the futures contracts. Use of short futures contracts subjects the portfolios to unlimited risk of loss.

Upon entering into a futures contract, the portfolio is required to deposit initial margin with the broker in the form of cash or securities. The amount of required margin is set by the broker and is generally based on a percentage of the contract value. The margin deposit must then be maintained at the established level over the life of the contract. Cash that has been pledged by a portfolio, if any, is detailed in the Statements of assets and liabilities as Collateral held at broker for futures contracts. Securities pledged by the portfolios, if any, are identified in the Portfolios of investments. Subsequent payments, referred to as variation margin, are made or received by a portfolio periodically and are based on changes in the market value of open futures contracts. Futures contracts are marked-to-market daily and unrealized gain or loss is recorded by the portfolio. Receivable/Payable for futures variation margin is included in the Statements of assets and liabilities. When the contract is closed, a portfolio records a realized gain or loss equal to the difference between the value of the contract at the time it was opened and the value at the time it was closed.

The following table details how the portfolios used futures contracts during the six months ended June 30, 2023. In addition, the table summarizes the range of notional contract amounts held by the portfolios, as measured at each quarter end:

Portfolio	Reason	USD Notional range
500 Index Trust	To manage against changes in certain securities markets and gain exposure to certain securities markets.	\$205.8 million to \$319.6 million
Emerging Markets Value Trust	To equitize cash balances.	\$1.3 million to \$1.4 million
International Equity Index Trust	To manage against changes in certain securities markets and gain exposure to certain securities markets.	\$17.7 million to \$20.2 million
International Small Company Trust	To equitize cash balances.	\$300,000 to \$630,000
Mid Cap Index Trust	To manage against changes in certain securities markets and gain exposure to certain securities markets.	\$33.0 million to \$45.5 million
Small Cap Index Trust	To manage against changes in certain securities markets and gain exposure to certain securities markets.	\$20.0 million to \$25.3 million
Strategic Equity Allocation Trust	To manage against changes in certain securities markets and gain exposure to certain securities markets.	\$224.3 million to \$305.1 million
Total Stock Market Index Trust	To manage against changes in certain securities markets and gain exposure to certain securities markets.	\$11.7 million to \$23.4 million

Options. There are two types of options, put options and call options. Options are traded either OTC or on an exchange. A call option gives the purchaser of the option the right to buy (and the seller the obligation to sell) the underlying asset at the exercise price. A put option gives the purchaser of the option the right to sell (and the writer the obligation to buy) the underlying asset at the exercise price. Writing puts and buying calls may increase the portfolios'

Derivative instruments, continued

exposure to changes in the value of the underlying instrument. Buying puts and writing calls may decrease the portfolios' exposure to such changes. Risks related to the use of options include the loss of premiums on purchased options, possible illiquidity of the options markets, trading restrictions imposed by an exchange and movements in underlying security values, and for written options, potential losses in excess of the amounts recognized on the Statements of assets and liabilities. In addition, OTC options are subject to the risks of all OTC derivatives contracts.

Purchased options are included in the Portfolio of investments and are subsequently "marked-to-market" to reflect current market value. If a purchased option expires, a portfolio realizes a loss equal to the premium paid for the option. Premiums paid for purchased options which are exercised or closed are added to the amounts paid or offset against the proceeds on the underlying asset transaction to determine the realized gain (loss). Written options are included as liabilities in the Statements of assets and liabilities and are "marked-to-market" to reflect the current market value. If the written option expires, a portfolio realizes a gain equal to the premium received. Premiums received from writing options which are exercised or closed are added to the proceeds or offset against amounts paid on the underlying asset transaction to determine the realized gain (loss).

The following table details how the portfolios used written options contracts during the six months ended June 30, 2023. In addition, the table summarizes the range of market value amounts held by the portfolios, as measured at each quarter end:

Portfolio	Reason	Market value range
Capital Appreciation Value Trust	To generate potential income from options premiums.	\$630,000 to \$6.0 million

Fair value of derivative instruments by risk category

The table below summarizes the fair value of derivatives held by the portfolios at June 30, 2023 by risk category:

Portfolio	Risk	Statements of assets and liabilities location	Financial instruments location	Assets derivatives fair value	Liabilities derivatives fair value
500 Index Trust	Equity	Receivable/payable for futures variation margin ¹	Futures	\$9,674,891	—
Capital Appreciation Value Trust	Equity	Written options, at value	Written options	—	\$(5,981,992)
Emerging Markets Value Trust	Equity	Receivable/payable for futures variation margin ¹	Futures	—	\$(9,635)
International Equity Index Trust	Equity	Receivable/payable for futures variation margin ¹	Futures	\$86,981	\$(105,844)
International Small Company Trust	Equity	Receivable/payable for futures variation margin ¹	Futures	\$4,308	—
Mid Cap Index Trust	Equity	Receivable/payable for futures variation margin ¹	Futures	\$833,070	—
Small Cap Index Trust	Equity	Receivable/payable for futures variation margin ¹	Futures	\$34,207	—
Strategic Equity Allocation Trust	Equity	Receivable/payable for futures variation margin ¹	Futures	\$2,656,562	—
Total Stock Market Index Trust	Equity	Receivable/payable for futures variation margin ¹	Futures	\$401,847	—

¹ Reflects cumulative appreciation/depreciation on open futures as disclosed in the Derivatives section of the Portfolios of investments. Only the period end variation margin receivable/payable is separately reported on the Statements of assets and liabilities.

For financial reporting purposes, the portfolios do not offset OTC derivative assets or liabilities that are subject to master netting arrangements, as defined by the ISDAs, in the Statements of assets and liabilities. In the event of default by the counterparty or a termination of the agreement, the ISDA allows an offset of amounts across the various transactions between the portfolio and the applicable counterparty.

Effect of derivative instruments on the Statements of operations

The table below summarizes the net realized gain (loss) included in the net increase (decrease) in net assets from operations, classified by derivative instrument and risk category, for the six months ended June 30, 2023:

Portfolio	Risk	Statements of operations location - Net realized gain (loss) on:		
		Futures contracts	Written options	Total
500 Index Trust	Equity	\$16,486,536	—	\$16,486,536
Capital Appreciation Value Trust	Equity	—	\$1,531,503	\$1,531,503
Emerging Markets Value Trust	Equity	\$45,884	—	\$45,884
International Equity Index Trust	Equity	\$297,185	—	\$297,185
International Small Company Trust	Equity	\$54,069	—	\$54,069
Mid Cap Index Trust	Equity	\$2,091,932	—	\$2,091,932
Small Cap Index Trust	Equity	\$145,499	—	\$145,499
Strategic Equity Allocation Trust	Equity	\$15,910,324	—	\$15,910,324
Total Stock Market Index Trust	Equity	\$1,471,233	—	\$1,471,233

Derivative instruments, continued

The table below summarizes the net change in unrealized appreciation (depreciation) included in the net increase (decrease) in net assets from operations, classified by derivative instrument and risk category, for the six months ended June 30, 2023:

Portfolio	Risk	Statements of operations location - Change in net unrealized appreciation (depreciation) of:		
		Futures contracts	Written options	Total
500 Index Trust	Equity	\$16,488,463	—	\$16,488,463
Capital Appreciation Value Trust	Equity	—	\$(3,660,006)	\$(3,660,006)
Emerging Markets Value Trust	Equity	\$4,727	—	\$4,727
International Equity Index Trust	Equity	\$416,521	—	\$416,521
International Small Company Trust	Equity	\$7,387	—	\$7,387
Mid Cap Index Trust	Equity	\$1,269,767	—	\$1,269,767
Small Cap Index Trust	Equity	\$690,489	—	\$690,489
Strategic Equity Allocation Trust	Equity	\$8,408,335	—	\$8,408,335
Total Stock Market Index Trust	Equity	\$616,542	—	\$616,542

4. Guarantees and indemnifications

Under the Trust's organizational documents, its Officers and Trustees are indemnified against certain liabilities arising out of the performance of their duties to the Trust, including the portfolios. Additionally, in the normal course of business, the Trust enters into contracts with service providers that contain general indemnification clauses. The Trust's maximum exposure under these arrangements is unknown, as this would involve future claims that may be made against the Trust that have not yet occurred. The risk of material loss from such claims is considered remote.

5. Fees and transactions with affiliates

John Hancock Variable Trust Advisers LLC (the Advisor) serves as investment advisor for the portfolios. John Hancock Distributors, LLC (the Distributor), an affiliate of the Advisor, serves as principal underwriter of the portfolios. The Advisor and the Distributor are indirect, principally owned subsidiaries of John Hancock Life Insurance Company (U.S.A.), which in turn is a subsidiary of Manulife Financial Corporation.

Management fee. Under an investment management agreement, the portfolios, with the exception of the JHVIT Feeder Funds, pay a daily management fee to the Advisor based on the net assets of the respective portfolio or aggregate net assets, which include the net assets of the respective portfolio and the net assets of a similar portfolio of John Hancock Funds II (JHF II) unless otherwise noted below. JHF II portfolios are advised by John Hancock Investment Management LLC, an affiliate of the Advisor, and are distributed by an affiliate of the Advisor, John Hancock Investment Management Distributors LLC. The annual rate for each portfolio is as follows:

- *500 Index Trust* — a) 0.470% of the first \$500 million of average net assets; and b) 0.460% of the excess over \$500 million of average net assets.
- *Blue Chip Growth Trust* — If aggregate net assets are less than \$500 million, then 0.780% of all aggregate net assets. If aggregate net assets are between \$500 million and \$1 billion, then 0.775% of all aggregate net assets. If aggregate net assets are between \$1 billion and \$2 billion, then the following fee schedule shall apply: a) 0.750% of the first \$1 billion of aggregate net assets; b) 0.740% of the excess over \$1 billion of aggregate net assets. If aggregate net assets exceed \$2 billion, then the following fee schedule shall apply: a) 0.740% of the first \$3 billion of aggregate net assets; b) 0.725% of the excess over \$3 billion of aggregate net assets. Aggregate net assets include net assets of the portfolio, JHF II Blue Chip Growth Fund and Manulife North American Equity Fund Series – (I) (Asia). Prior to April 1, 2023, the annual rates were a) 0.825% of the first \$500 million of aggregate net assets; b) 0.800% of the next \$500 million of aggregate net assets; c) 0.750% of the next \$2 billion of aggregate net assets; and d) 0.725% of the excess over \$3 billion of aggregate net assets. 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.
- *Capital Appreciation Trust* — a) 0.800% of the first \$500 million of aggregate net assets; b) 0.700% of the next \$500 million of aggregate net assets; and c) 0.670% of the excess over \$1 billion of aggregate net assets.
- *Capital Appreciation Value Trust* — If aggregate net assets are less than \$500 million, then the following fee schedule shall apply: a) 0.950% of the first \$250 million of aggregate net assets; and b) 0.850% of the excess over \$250 million of aggregate net assets. If aggregate net assets equal or exceed \$500 million but are less than \$2 billion, then the following fee schedule shall apply: a) 0.850% of the first \$1 billion of aggregate net assets; and b) 0.800% of the excess over \$1 billion of aggregate net assets. If aggregate net assets equal or exceed \$2 billion but are less than \$3 billion, then the following fee schedule shall apply: a) 0.850% of the first \$500 million of aggregate net assets; and b) 0.800% of the excess over \$500 million of aggregate net assets. If aggregate net assets equal or exceed \$3 billion, then the management fee to be paid is 0.800% of aggregate net assets.
- *Disciplined Value International Trust* — a) 0.750% of the first \$500 million of aggregate net assets; b) 0.720% of the next \$500 million of aggregate net assets; c) 0.690% of the next \$1 billion of aggregate net assets; d) 0.670% of the next \$1 billion of aggregate net assets; e) 0.660% of the next \$2 billion of aggregate net assets; and f) 0.650% of the excess over \$5 billion of aggregate net assets. Aggregate net assets are the net assets of the portfolio, Manulife Boston Partners International Equity Fund, Disciplined Value International Fund, a series of John Hancock Investment Trust, MLI Pension Plus Growth Fund and Manulife Balanced Fund, and effective May 31, 2023, Manulife MIM Diversified Fund and Manulife Diversified Tri-Plan Fund. Prior to April 1, 2023, if aggregate net assets are less than \$300 million, then the management fee to be paid is 0.825% of aggregate net assets. If aggregate net assets equal or exceed \$300 million but are less than \$2.5 billion, then the management fee to be paid is 0.775% of aggregate net assets. If aggregate net assets exceed \$2.5 billion, then the following fee schedule shall apply: a) 0.775% of the first \$2.5 billion of aggregate net assets; and b) 0.750% of the next \$500 million; and c) 0.725% of the excess over \$3 billion of aggregate net assets.
- *Emerging Markets Value Trust* — a) 0.870% of the first \$100 million of aggregate net assets; and b) 0.820% of the excess over \$100 million of aggregate net assets.
- *Equity Income Trust* — a) 0.800% of the first \$100 million of aggregate net assets; b) 0.775% of the next \$100 million of aggregate net assets; c) 0.750% of the next \$300 million of aggregate net assets; d) 0.725% of the next \$500 million of aggregate net assets; e) 0.725% of the next \$500 million of aggregate net assets; f) 0.700% of the next \$500 million of aggregate net assets; g) 0.695% of the next \$1 billion of aggregate net assets; h) 0.690% of the next

Fees and transactions with affiliates, continued

\$1 billion of aggregate net assets; i) 0.680% of the next \$1.5 billion of aggregate net assets; j) 0.675% of the next \$2 billion of aggregate net assets; and k) 0.670% of the excess over \$7.5 billion of aggregate net assets. 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 aggregate net assets over \$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. Aggregate net assets are the net assets of the portfolio, JHF II Equity Income Fund and Manulife US Large Cap Value Equity Fund (Canada).

- *Financial Industries Trust* — a) 0.800% of the first \$250 million of aggregate net assets; b) 0.775% of aggregate net assets between \$250 million and \$500 million; c) 0.750% of aggregate net assets between \$500 million and \$1 billion; and d) 0.725% of the excess over \$1 billion of aggregate net assets.
- *Fundamental All Cap Core Trust* — a) 0.675% of the first \$2.5 billion of aggregate net assets; and b) 0.650% of the excess over \$2.5 billion of aggregate net assets.
- *Fundamental Large Cap Value Trust* — a) 0.700% of the first \$500 million of average net assets; b) 0.650% of average net assets between \$500 million and \$1 billion; and c) 0.600% of the excess over \$1 billion of average net assets.
- *Global Equity Trust* — a) 0.800% of the first \$1 billion of aggregate net assets; and b) 0.790% of the excess over \$1 billion of aggregate net assets.
- *Health Sciences Trust* — a) 1.050% of the first \$500 million of aggregate net assets; b) 1.000% of the next \$250 million; c) 0.950% of the excess over \$750 million of aggregate net assets; d) 0.950% of the next \$250 million; e) 0.900% of the next \$500 million; and f) 0.900% of the excess over \$1.5 billion of aggregate net assets. When aggregate net assets exceed \$750 million, the advisory fee is 0.950% on all net assets. When aggregate net assets exceed \$1.5 billion, the advisory fee is 0.900% on all net assets. Aggregate net assets are the net assets of the portfolio, JHF II Health Sciences Fund and Manulife Healthcare Fund Series - (I).
- *International Equity Index Trust* — a) 0.550% of the first \$100 million of average net assets; b) 0.530% of the next \$150 million of average net assets; c) 0.520% of the next \$250 million of average net assets; and d) 0.510% of the excess over \$500 million of average net assets.
- *International Small Company Trust* — 0.800% of aggregate net assets.
- *Lifestyle Portfolios* — The advisory fee has two components: a) a fee on net assets invested in affiliated funds (Affiliated funds assets) excluding 500 Index Trust, International Equity Index Trust and Total Bond Market Trust, and b) a fee on net assets not invested in affiliated funds (Other assets). The management fee paid on Affiliated funds assets is: a) 0.050% of the first \$7.5 billion of aggregate net assets; and b) 0.040% of the excess over \$7.5 billion in aggregate net assets. The advisory fee paid on Other assets is as follows: a) 0.500% of the first \$7.5 billion of aggregate net assets; and b) 0.490% of the excess over \$7.5 billion in aggregate net assets. Aggregate net assets are the net assets of the Lifestyle Portfolios, JHVIT Managed Volatility Portfolios, JHF II Multimanager Lifestyle Portfolios and JHF II Lifestyle Blend Portfolios.
- *Mid Cap Index Trust, Small Cap Index Trust and Total Stock Market Index Trust* — a) 0.490% of the first \$250 million of average net assets; b) 0.480% of average net assets between \$250 million and \$500 million; and c) 0.460% of the excess over \$500 million of average net assets.
- *Mid Cap Growth Trust* — a) 0.875% of the first \$200 million of aggregate net assets; b) 0.850% of aggregate net assets between \$200 million and \$500 million; c) 0.825% of aggregate net assets between \$500 million and \$3.2 billion; d) 0.800% of aggregate net assets between \$3.2 billion and \$3.7 billion; e) 0.775% of aggregate net assets between \$3.7 billion and \$4.2 billion; and f) 0.755% of the excess over \$4.2 billion of aggregate net assets.
- *Mid Value Trust* — a) 0.950% of the first \$1 billion of aggregate net assets; and b) 0.875% of the excess over \$1 billion of aggregate net assets. When aggregate net assets exceed \$1 billion on any day, the management fee for that day is 0.875% of all assets of the portfolio.
- *Real Estate Securities Trust* — a) 0.700% of the first \$1.5 billion of aggregate net assets; and b) 0.680% of the excess over \$1.5 billion of aggregate net assets.
- *Science & Technology Trust* — a) 1.050% of the first \$50 million of aggregate net assets; b) 1.025% of the next \$50 million of aggregate net assets; c) 1.000% when assets reach \$100 million retroactively to the first dollar; d) 0.975% when assets reach \$200 million retroactively to the first dollar; and e) 0.950% when assets reach \$500 million retroactively to the first dollar. When aggregate net assets exceed \$500 million on any day, the management fee for that day is a) 0.950% of aggregate net assets up to \$1 billion; and b) 0.925% of aggregate net assets in excess of \$1 billion. Aggregate net assets are the net assets of the portfolio, JHF II Science & Technology Fund and (MMTF) Manulife Technology Fund.
- *Small Cap Opportunities Trust* — a) 1.000% of the first \$500 million of aggregate net assets; b) 0.950% of aggregate net assets between \$500 million and \$1 billion; c) 0.900% of aggregate net assets between \$1 billion and \$2 billion; and d) 0.850% of the excess over \$2 billion of aggregate net assets. Aggregate net assets are the net assets of the portfolio and the JHF II New Opportunities Fund.
- *Small Cap Stock Trust* — a) 1.050% of the first \$50 million of aggregate net assets; and b) 1.000% of the excess over \$50 million of aggregate net assets.
- *Small Cap Value Trust* — a) 0.950% of the first \$250 million of aggregate net assets; b) 0.940% of the next \$500 million of aggregate net assets; c) 0.930% of the next \$500 million of aggregate net assets; and d) 0.920% of the excess over \$1.25 billion of aggregate net assets.
- *Small Company Value Trust* — a) 1.050% of the first \$500 million of average net assets; and b) 1.000% of the excess over \$500 million of average net assets.

Fees and transactions with affiliates, continued

- *Strategic Equity Allocation Trust* — a) 0.675% of the first \$2.5 billion of aggregate net assets; b) 0.650% of aggregate net assets between \$2.5 billion and \$7.5 billion; c) 0.625% of aggregate net assets between \$7.5 billion and \$10 billion; d) 0.600% of aggregate net assets between \$10 billion and \$15 billion; e) 0.595% of aggregate net assets between \$15 billion and \$25 billion; and f) 0.590% of the excess over \$25 billion of aggregate net assets. Aggregate net assets are the net assets of the portfolio, JHF II U.S. Sector Rotation Fund, and JHF II International Strategic Equity Allocation Fund.

The organizations described below act as the subadvisors to the Trust and certain of its portfolios pursuant to Subadvisory Agreements with the Advisor. Portfolio management is allocated among the following subadvisors:

Portfolio	Subadvisor(s)
Disciplined Value International Trust	Boston Partners Global Investors, Inc.
Emerging Markets Value Trust International Small Company Trust	Dimensional Fund Advisors LP
Small Cap Opportunities Trust	Dimensional Fund Advisors LP and GW&K Investment Management, LLC
Capital Appreciation Trust	Jennison Associates LLC
Financial Industries Trust Fundamental All Cap Core Trust Fundamental Large Cap Value Trust Global Equity Trust Lifestyle Balanced Portfolio Lifestyle Conservative Portfolio Lifestyle Growth Portfolio Lifestyle Moderate Portfolio Strategic Equity Allocation Trust	Manulife Investment Management (US) LLC ¹
500 Index Trust Mid Cap Index Trust Small Cap Index Trust Total Stock Market Index Trust	Manulife Investment Management (North America) Limited ¹
International Equity Index Trust	SSGA Funds Management, Inc.
Blue Chip Growth Trust Capital Appreciation Value Trust Equity Income Trust Health Sciences Trust Mid Value Trust Science & Technology Trust Small Company Value Trust	T. Rowe Price Associates, Inc.
Mid Cap Growth Trust Real Estate Securities Trust Small Cap Stock Trust Small Cap Value Trust	Wellington Management Company LLP

¹ An affiliate of the Advisor.

The portfolios are not responsible for payment of the subadvisory fees.

Expense reimbursements. The Advisor voluntarily agreed to waive a portion of its management fee if certain expenses of the respective portfolios exceed the percentage of average net assets as detailed below. Expenses excluded from this waiver are taxes, portfolio brokerage commissions, interest expense, litigation and indemnification expenses and other extraordinary expenses not incurred in the ordinary course of the portfolios' business, advisory fees, Rule 12b-1 fees, underlying fund expenses and in the case of a feeder fund, the expenses of the master fund, and short dividends. This expense reduction will continue in effect until terminated by the Advisor.

Portfolio	Expense limitation as a percentage of average net assets	Portfolio	Expense limitation as a percentage of average net assets
American Asset Allocation Trust	0.10%	Health Sciences Trust	0.20%
American Global Growth Trust	0.10%	International Small Company Trust	0.25%
American Growth Trust	0.10%	Mid Cap Growth Trust	0.08%
American Growth-Income Trust	0.10%	Mid Cap Index Trust	0.20%
American International Trust	0.10%	Mid Value Trust	0.20%
Blue Chip Growth Trust	0.20%	Real Estate Securities Trust	0.20%
Capital Appreciation Trust	0.20%	Science & Technology Trust	0.20%
Capital Appreciation Value Trust	0.20%	Small Cap Index Trust	0.08%
Disciplined Value International Trust	0.25%	Small Cap Opportunities Trust	0.20%
Emerging Markets Value Trust	0.25%	Small Cap Stock Trust	0.20%
Equity Income Trust	0.20%	Small Cap Value Trust	0.20%
Financial Industries Trust	0.20%	Small Company Value Trust	0.20%
Fundamental All Cap Core Trust	0.20%	Strategic Equity Allocation Trust	0.20%
Fundamental Large Cap Value Trust	0.20%	Total Stock Market Index Trust	0.08%
Global Equity Trust	0.20%		

Fees and transactions with affiliates, continued

The Advisor has contractually agreed to waive a portion of its management fee and/or reimburse expenses for certain portfolios of the John Hancock group of funds complex, including certain of the portfolios presented in this report (the participating portfolios). This waiver is based upon aggregate net assets of all the participating portfolios. The amount of the reimbursement is calculated daily and allocated among all the participating portfolios in proportion to the daily net assets of each portfolio. During the six months ended June 30, 2023, this waiver amounted to 0.01% of the portfolios' average net assets, on an annualized basis. This agreement expires on July 31, 2025, unless renewed by mutual agreement of the portfolios and the Advisor based upon a determination that this is appropriate under the circumstances at that time.

The Advisor has contractually agreed to limit operating expenses of 500 Index Trust and International Equity Index Trust at 0.25% and 0.34%, respectively. These limits exclude Rule 12b-1 fees, taxes, short dividends, interest expense, acquired fund fees, litigation and indemnification expenses, borrowing costs, prime brokerage fees, portfolio brokerage commissions and other extraordinary expenses not incurred in the ordinary course of the portfolios' business. The Advisor's obligation to provide the expense cap will remain in effect until April 30, 2025, unless renewed by mutual agreement of the portfolios and the Advisor based upon a determination that this is appropriate under the circumstances at the time.

The Advisor has contractually agreed to reimburse expenses for the Lifestyle Portfolios so that certain other expenses do not exceed 0.04% of average net assets of the Lifestyle Portfolios. This waiver includes all expenses except taxes, brokerage commissions, interest expense, litigation and indemnification expenses and other extraordinary expenses not incurred in the ordinary course of the portfolios' business, management fees, Rule 12b-1 fees, underlying fund expenses and short dividends. This expense reimbursement will remain in effect until April 30, 2024, 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.

Effective April 1, 2023, the Advisor contractually agrees to reduce its management fee or, if necessary, make payment to Lifestyle Balanced Portfolio Series I and Series II and Lifestyle Growth Portfolio Series I shares in an amount equal to the amount by which expenses of Lifestyle Balanced Portfolio Series I and Series II shares exceed 1.83% and Lifestyle Growth Portfolio Series I shares exceed 0.92% of average daily net assets attributable to the class. This reimbursement includes all expenses of the applicable class except taxes, brokerage commissions, interest expense, litigation and indemnification expenses and other extraordinary expenses not incurred in the ordinary course of the fund's business, and short dividend expense. This expense reimbursement will remain in effect until April 30, 2025, 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.

The Advisor has contractually agreed to waive its management fee for Small Cap Opportunities Trust so that the amount retained by the Advisor after the payment of subadvisory fees does not exceed 0.45% of the portfolio's average daily net assets. The expense reimbursements will remain in effect until April 30, 2024, unless renewed by mutual agreement of the portfolio and the Advisor based upon a determination that this is appropriate under the circumstances at that time and may be terminated at any time thereafter.

The Advisor has contractually agreed to waive its management fee for Mid Cap Index Trust and Small Cap Index Trust by 0.10% and 0.05% of the portfolios' average net assets, respectively. The expense limitation agreements expire on April 30, 2024, unless renewed by mutual agreement of the portfolios and the Advisor based upon a determination that this is appropriate under the circumstances at that time.

Effective April 1, 2023, the Advisor contractually agrees to reduce its management fee or, if necessary, make payment to Fundamental Large Cap Value Trust Series I shares in an amount equal to the amount by which expenses of portfolio's Series I shares exceed 0.88% of average daily net assets attributable to the class. This waiver includes all expenses of the class (including fund expenses attributable to the class), excluding taxes, brokerage commissions, interest expense, litigation and indemnification expenses and other extraordinary expenses not incurred in the ordinary course of the fund's business, underlying fund expenses (acquired fund fees), and short dividend expense. This agreement expires on April 30, 2025, 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.

Effective April 1, 2023, the Advisor contractually agrees to reduce its management fee or, if necessary, make payment to Small Cap Index Trust Series I and Series NAV shares in an amount equal to the amount by which expenses of the portfolio's Series I and Series NAV shares exceed 0.70% of average daily net assets attributable to the class. This waiver includes all expenses of the class (including fund expenses attributable to the class), excluding taxes, brokerage commissions, interest expense, litigation and indemnification expenses and other extraordinary expenses not incurred in the ordinary course of the fund's business, underlying fund expenses (acquired fund fees), and short dividend expense. This agreement expires on April 30, 2025, 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.

The Advisor has voluntarily agreed to reduce its management fee for portfolios that are subadvised by T. Rowe Price Associates, Inc. by the amount that the subadvisory fee is reduced pursuant to the subadvisory agreement with T. Rowe Price. This waiver impacts Blue Chip Growth Trust, Capital Appreciation Value Trust, Equity Income Trust, Health Sciences Trust, Mid Value Trust, Science & Technology Trust and Small Company Value Trust. This waiver may be terminated at any time by the Advisor.

The Advisor has voluntarily agreed to waive its management fee for Science & Technology Trust and Strategic Equity Allocation Trust so that the amount retained by the Advisor after payment of the sub-advisory fee does not exceed 0.45% of the portfolios' average net assets. This voluntary management fee waiver may be terminated at any time by the Advisor upon notice to the Trust.

The Advisor has voluntarily agreed to waive its management fee for Lifestyle Balanced Portfolio, Lifestyle Conservative Portfolio, Lifestyle Growth Portfolio, and Lifestyle Moderate Portfolio (after giving effect to asset-based breakpoints) by 0.005% of the portfolios' average daily net assets. This waiver may be terminated at any time by the Advisor upon notice to the Trust.

The Advisor has voluntarily agreed to waive its management fee for each Lifestyle Portfolio so that the aggregate advisory fee retained by the Advisor with respect to both the Lifestyle Portfolio and its underlying investments (after payment of subadvisory fees) does not exceed 0.50% of the Lifestyle Portfolios' first \$7.5 billion of average net assets and 0.49% of the Lifestyle Portfolios' average net assets in excess of \$7.5 billion. The Advisor may terminate this voluntary waiver at any time.

The Advisor has voluntarily agreed to reduce the advisory fee that would be payable by Fundamental Large Cap Value Trust and Total Stock Market Index Trust (after giving effect to asset-based breakpoints) by 0.003% and 0.07% of the portfolios' average daily net assets, respectively. This voluntary advisory fee waiver may be terminated at any time by the Advisor upon notice to the Trust.

Fees and transactions with affiliates, continued

For the six months ended June 30, 2023, the waivers under these agreements amounted to:

Portfolio	Expense reimbursement by class				Total
	Series I	Series II	Series III	Series NAV	
500 Index Trust	\$5,880,656	\$90,341	—	\$2,891,051	\$8,862,048
American Asset Allocation Trust	11,597	25,376	\$3,601	—	40,574
American Global Growth Trust	1,577	4,207	934	—	6,718
American Growth Trust	7,537	18,451	2,926	—	28,914
American Growth-Income Trust	9,994	14,077	6,052	—	30,123
American International Trust	4,070	7,685	1,000	—	12,755
Blue Chip Growth Trust	44,001	15,076	—	207,479	266,556
Capital Appreciation Trust	6,199	1,907	—	8,896	17,002
Capital Appreciation Value Trust	1,652	52,039	—	41,780	95,471
Disciplined Value International Trust	2,675	1,575	—	5,879	10,129
Emerging Markets Value Trust	222	947	—	6,425	7,594
Equity Income Trust	32,098	16,653	—	158,007	206,758
Financial Industries Trust	3,188	559	—	965	4,712
Fundamental All Cap Core Trust	3,570	1,699	—	71,955	77,224
Fundamental Large Cap Value Trust	23,305	8,108	—	9,428	40,841
Global Equity Trust	7,844	761	—	1,602	10,207
Health Sciences Trust	15,908	13,890	—	39,831	69,629
International Equity Index Trust	400,793	22,928	—	635,172	1,058,893
International Small Company Trust	711	439	—	2,511	3,661
Lifestyle Balanced Portfolio	805	17,857	—	3,384	22,046
Lifestyle Conservative Portfolio	2,955	30,417	—	1,541	34,913
Lifestyle Growth Portfolio	4,725	102,119	—	12,370	119,214
Lifestyle Moderate Portfolio	1,303	23,591	—	4,152	29,046
Mid Cap Growth Trust	4,741	2,216	—	13,973	20,930
Mid Cap Index Trust	459,937	29,617	—	130,451	620,005
Mid Value Trust	54,607	12,313	—	75,303	142,223
Real Estate Securities Trust	1,865	974	—	7,627	10,466
Science & Technology Trust	157,856	13,828	—	35,602	207,286
Small Cap Index Trust	102,426	7,681	—	37,858	147,965
Small Cap Opportunities Trust	102,521	36,260	—	61,800	200,581
Small Cap Stock Trust	2,560	735	—	6,010	9,305
Small Cap Value Trust	4,922	738	—	10,342	16,002
Small Company Value Trust	13,750	10,159	—	17,649	41,558
Strategic Equity Allocation Trust	—	—	—	4,938,648	4,938,648
Total Stock Market Index Trust	177,874	15,716	—	81,504	275,094

Expenses waived or reimbursed in the current fiscal period are not subject to recapture in future fiscal periods.

The investment management fees, including the impact of the waivers and reimbursements as described above, incurred for the six months ended June 30, 2023, were equivalent to a net annual effective rate of the portfolios' average daily net assets as follows:

Portfolio	Net Annual Effective Rate	Portfolio	Net Annual Effective Rate
500 Index Trust	0.21%	International Small Company Trust	0.79%
American Asset Allocation Trust	0.00%*	Lifestyle Balanced Portfolio	0.04%
American Global Growth Trust	0.00%*	Lifestyle Conservative Portfolio	0.00%
American Growth Trust	0.00%*	Lifestyle Growth Portfolio	0.04%
American Growth-Income Trust	0.00%*	Lifestyle Moderate Portfolio	0.02%
American International Trust	0.00%*	Mid Cap Growth Trust	0.83%
Blue Chip Growth Trust	0.70%	Mid Cap Index Trust	0.36%
Capital Appreciation Trust	0.71%	Mid Value Trust	0.83%
Capital Appreciation Value Trust	0.79%	Real Estate Securities Trust	0.69%
Disciplined Value International Trust	0.73%	Science & Technology Trust	0.89%
Emerging Markets Value Trust	0.83%	Small Cap Index Trust	0.43%
Equity Income Trust	0.66%	Small Cap Opportunities Trust	0.74%
Financial Industries Trust	0.77%	Small Cap Stock Trust	1.00%
Fundamental All Cap Core Trust	0.67%	Small Cap Value Trust	0.93%
Fundamental Large Cap Value Trust	0.67%	Small Company Value Trust	0.99%
Global Equity Trust	0.79%	Strategic Equity Allocation Trust	0.49%
Health Sciences Trust	0.86%	Total Stock Market Index Trust	0.40%
International Equity Index Trust	0.26%		

Fees and transactions with affiliates, continued

* The JHVIT Feeder Funds do not incur investment advisory fees. Investment advisory fees are incurred by the master fund. For more information on these portfolios, see Note 1.

Accounting and legal services. Pursuant to a service agreement, the portfolios reimburse the Advisor for all expenses associated with providing the administrative, financial, legal, compliance, accounting and recordkeeping services to the portfolios, including the preparation of all tax returns, periodic reports to shareholders and regulatory reports, among other services. These expenses are allocated to each share class based on its relative net assets at the time the expense was incurred. These accounting and legal services fees incurred, for the six months ended June 30, 2023, amounted to an annual rate of 0.02% of the portfolios' average daily net assets.

Distribution and service plans. The portfolios have a distribution agreement with the Distributor. The portfolios have adopted distribution and service plans for certain classes as detailed below pursuant to Rule 12b-1 under the 1940 Act, to pay the Distributor for services provided as the distributor of shares of the portfolios. The portfolios may pay up to the following contractual rates of distribution and service fees under these arrangements, expressed as an annual percentage of average daily net assets for each class of the portfolios' shares.

For all portfolios, except the JHVIT Feeder Funds, Rule 12b-1 maximum fee rates are as follows:

Class	Rule 12b-1 Fee
Series I	0.15%
Series II	0.35%

Currently, only 0.05% for Series I shares and 0.25% for Series II shares are charged for Rule 12b-1 fees.

For the JHVIT Feeder Funds, Rule 12b-1 maximum fee rates are as follows:

Class	Rule 12b-1 Fee
Series I	0.60%
Series II	0.75%
Series III	0.25%

Distribution and service fees for the six months ended June 30, 2023 were as follows:

Portfolio	Distribution and service fees by class			Total
	Series I	Series II	Series III	
500 Index Trust	\$1,185,111	\$ 91,060	\$ —	\$1,276,171
American Asset Allocation Trust	960,335	2,627,134	124,281	3,711,750
American Global Growth Trust	130,480	435,604	32,263	598,347
American Growth Trust	623,721	1,909,973	100,923	2,634,617
American Growth-Income Trust	827,370	1,457,433	208,877	2,493,680
American International Trust	336,734	795,847	34,533	1,167,114
Blue Chip Growth Trust	63,601	108,966	—	172,567
Capital Appreciation Trust	42,771	65,807	—	108,578
Capital Appreciation Value Trust	1,886	297,030	—	298,916
Disciplined Value International Trust	18,458	54,382	—	72,840
Emerging Markets Value Trust	1,530	32,711	—	34,241
Equity Income Trust	52,941	137,370	—	190,311
Financial Industries Trust	20,719	18,171	—	38,890
Fundamental All Cap Core Trust	23,178	55,159	—	78,337
Fundamental Large Cap Value Trust	104,884	182,529	—	287,413
Global Equity Trust	54,141	26,255	—	80,396
Health Sciences Trust	15,305	66,810	—	82,115
International Equity Index Trust	77,296	22,106	—	99,402
International Small Company Trust	4,910	15,121	—	20,031
Lifestyle Balanced Portfolio	8,403	934,815	—	943,218
Lifestyle Conservative Portfolio	3,540	182,199	—	185,739
Lifestyle Growth Portfolio	49,450	5,344,170	—	5,393,620
Lifestyle Moderate Portfolio	3,149	284,888	—	288,037
Mid Cap Growth Trust	32,722	76,463	—	109,185
Mid Cap Index Trust	212,722	68,491	—	281,213
Mid Value Trust	56,767	64,001	—	120,768
Real Estate Securities Trust	12,867	33,611	—	46,478
Science & Technology Trust	142,645	62,513	—	205,158
Small Cap Index Trust	87,104	32,667	—	119,771
Small Cap Opportunities Trust	19,755	34,937	—	54,692
Small Cap Stock Trust	17,664	25,379	—	43,043
Small Cap Value Trust	33,985	25,456	—	59,441
Small Company Value Trust	10,588	39,112	—	49,700
Total Stock Market Index Trust	113,970	50,343	—	164,313

Fees and transactions with affiliates, continued

The Distributor voluntarily agreed to waive 0.06%, 0.08%, 0.09%, 0.07% and 0.02% of its Rule 12b-1 fee for Series II of American Asset Allocation Trust, American Global Growth Trust, American Growth Trust, American Growth-Income Trust and American International Trust, respectively.

For the six months ended June 30, 2023, the waivers under these agreements amounted to:

Portfolio	Series II
American Asset Allocation Trust	\$210,171
American Global Growth Trust	46,464
American Growth Trust	229,197
American Growth-Income Trust	136,027
American International Trust	21,223

Trustee expenses. The portfolios compensate each Trustee who is not an employee of the Advisor or its affiliates. The costs of paying Trustee compensation and expenses are allocated to each portfolio based on their net assets relative to other funds within the John Hancock group of funds complex.

Interfund lending program. Pursuant to an Exemptive Order issued by the SEC, the portfolios, along with certain other funds advised by the Advisor or its affiliates, may participate in an interfund lending program. This program provides an alternative credit facility allowing the portfolios to borrow from, or lend money to, other participating affiliated funds. At period end, open loans, if any, are presented under the caption Receivable/Payable for interfund lending in the Statements of assets and liabilities. Interest expense is included in Other expenses on the Statements of operations. The portfolios' activity in this program during the period for which loans were outstanding was as follows:

Portfolio	Borrower or Lender	Weighted Average Loan Balance	Days Outstanding	Weighted Average Interest Rate	Interest Income (Expense)
Capital Appreciation Value Trust	Lender	\$19,800,000	1	5.325%	\$2,929
Disciplined Value International Trust	Lender	3,850,000	2	4.152%	888
Equity Income Trust	Lender	17,700,000	1	5.325%	2,618
International Equity Index Trust	Lender	6,176,000	5	3.932%	3,372
Mid Cap Growth Trust	Lender	9,800,000	2	4.467%	2,432
Mid Value Trust	Lender	11,100,000	1	5.320%	1,640
Real Estate Securities Trust	Lender	4,600,000	1	3.305%	422
Science & Technology Trust	Lender	17,150,000	2	3.653%	3,481
Small Cap Stock Trust	Lender	2,133,333	3	4.057%	721
Small Cap Value Trust	Lender	3,000,000	4	3.866%	1,289
Small Company Value Trust	Lender	2,700,000	1	5.060%	380

6. Portfolio share transactions

Transactions in portfolios' shares for the six months ended June 30, 2023 and for the year ended December 31, 2022 were as follows:

500 Index Trust	Six Months Ended 6-30-23		Year Ended 12-31-22	
	Shares	Amount	Shares	Amount
Series I shares				
Sold	3,886,406	\$170,313,444	6,335,369	\$288,175,769
Distributions reinvested	—	—	5,396,317	220,115,753
Repurchased	(2,546,751)	(110,538,450)	(5,621,237)	(248,259,576)
Net increase	1,339,655	\$59,774,994	6,110,449	\$260,031,946
Series II shares				
Sold	104,483	\$4,582,738	130,825	\$5,874,099
Distributions reinvested	—	—	81,100	3,310,509
Repurchased	(182,971)	(8,007,821)	(323,831)	(14,591,323)
Net decrease	(78,488)	\$(3,425,083)	(111,906)	\$(5,406,715)
Series NAV shares				
Sold	960,387	\$42,189,156	2,622,536	\$118,960,994
Distributions reinvested	—	—	2,857,241	116,518,291
Repurchased	(1,686,694)	(74,236,325)	(7,561,725)	(335,212,865)
Net decrease	(726,307)	\$(32,047,169)	(2,081,948)	\$(99,733,580)
Total net increase	534,860	\$24,302,742	3,916,595	\$154,891,651
American Asset Allocation Trust				
	Six Months Ended 6-30-23		Year Ended 12-31-22	
	Shares	Amount	Shares	Amount
Series I shares				
Sold	224,753	\$2,206,623	1,379,395	\$14,971,015
Distributions reinvested	—	—	5,013,334	47,761,065
Repurchased	(1,589,221)	(15,626,055)	(1,556,690)	(17,935,073)
Net increase (decrease)	(1,364,468)	\$(13,419,432)	4,836,039	\$44,797,007

Portfolio share transactions, continued

American Asset Allocation Trust, Cont'd	Six Months Ended 6-30-23		Year Ended 12-31-22	
	Shares	Amount	Shares	Amount
Series II shares				
Sold	55,235	\$529,106	5,427	\$53,201
Distributions reinvested	—	—	11,377,147	108,390,376
Repurchased	(4,399,403)	(43,173,152)	(7,612,114)	(86,060,624)
Net increase (decrease)	(4,344,168)	\$(42,644,046)	3,770,460	\$22,382,953
Series III shares				
Sold	—	—	5,583	\$63,602
Distributions reinvested	—	—	1,643,170	15,723,998
Repurchased	(596,409)	(5,867,904)	(910,602)	(10,413,769)
Net increase (decrease)	(596,409)	\$(5,867,904)	738,151	\$5,373,831
Total net increase (decrease)	(6,305,045)	\$(61,931,382)	9,344,650	\$72,553,791
American Global Growth Trust				
	Six Months Ended 6-30-23		Year Ended 12-31-22	
	Shares	Amount	Shares	Amount
Series I shares				
Sold	132,521	\$1,989,472	452,172	\$7,724,477
Distributions reinvested	—	—	458,325	5,954,595
Repurchased	(152,553)	(2,281,421)	(173,971)	(2,907,225)
Net increase (decrease)	(20,032)	\$(291,949)	736,526	\$10,771,847
Series II shares				
Sold	43,781	\$658,542	397,486	\$6,621,576
Distributions reinvested	—	—	1,323,419	17,068,768
Repurchased	(870,196)	(13,019,313)	(1,355,337)	(21,701,821)
Net increase (decrease)	(826,415)	\$(12,360,771)	365,568	\$1,988,523
Series III shares				
Sold	15,503	\$225,608	170,071	\$2,910,890
Distributions reinvested	—	—	292,747	3,836,268
Repurchased	(134,203)	(2,014,842)	(189,498)	(2,968,306)
Net increase (decrease)	(118,700)	\$(1,789,234)	273,320	\$3,778,852
Total net increase (decrease)	(965,147)	\$(14,441,954)	1,375,414	\$16,539,222
American Growth Trust				
	Six Months Ended 6-30-23		Year Ended 12-31-22	
	Shares	Amount	Shares	Amount
Series I shares				
Sold	537,676	\$8,043,900	988,244	\$18,084,890
Distributions reinvested	—	—	3,822,794	53,457,256
Repurchased	(478,582)	(7,106,508)	(732,521)	(15,420,780)
Net increase	59,094	\$937,392	4,078,517	\$56,121,366
Series II shares				
Sold	816	\$12,275	2,146,904	\$37,549,787
Distributions reinvested	—	—	10,215,811	140,676,168
Repurchased	(3,910,076)	(58,967,772)	(4,131,438)	(80,498,833)
Net increase (decrease)	(3,909,260)	\$(58,955,497)	8,231,277	\$97,727,122
Series III shares				
Sold	1,515	\$22,054	558,407	\$9,753,084
Distributions reinvested	—	—	1,581,214	22,017,132
Repurchased	(656,056)	(10,063,702)	(446,123)	(8,600,372)
Net increase (decrease)	(654,541)	\$(10,041,648)	1,693,498	\$23,169,844
Total net increase (decrease)	(4,504,707)	\$(68,059,753)	14,003,292	\$177,018,332
American Growth-Income Trust				
	Six Months Ended 6-30-23		Year Ended 12-31-22	
	Shares	Amount	Shares	Amount
Series I shares				
Sold	215,034	\$3,336,413	233,240	\$3,717,415
Distributions reinvested	—	—	1,512,361	21,408,178
Repurchased	(818,594)	(12,263,349)	(1,415,973)	(22,469,886)
Net increase (decrease)	(603,560)	\$(8,926,936)	329,628	\$2,655,707
Series II shares				
Sold	175,593	\$2,623,013	374,485	\$5,434,602
Distributions reinvested	—	—	2,222,016	31,264,636
Repurchased	(2,120,324)	(32,271,436)	(4,479,235)	(70,225,595)
Net decrease	(1,944,731)	\$(29,648,423)	(1,882,734)	\$(33,526,357)

Portfolio share transactions, continued

American Growth-Income Trust, Cont'd	Six Months Ended 6-30-23		Year Ended 12-31-22	
	Shares	Amount	Shares	Amount
Series III shares				
Sold	5,027	\$73,994	305,536	\$4,527,298
Distributions reinvested	—	—	987,463	13,969,175
Repurchased	(874,875)	(13,458,970)	(1,440,112)	(22,547,716)
Net decrease	(869,848)	\$(13,384,976)	(147,113)	\$(4,051,243)
Total net decrease	(3,418,139)	\$(51,960,335)	(1,700,219)	\$(34,921,893)
American International Trust				
	Six Months Ended 6-30-23		Year Ended 12-31-22	
	Shares	Amount	Shares	Amount
Series I shares				
Sold	191,975	\$3,163,979	540,650	\$9,270,595
Distributions reinvested	—	—	516,704	7,459,890
Repurchased	(364,962)	(5,942,988)	(1,075,638)	(17,874,500)
Net decrease	(172,987)	\$(2,779,009)	(18,284)	\$(1,144,015)
Series II shares				
Sold	215,193	\$3,619,546	810,764	\$13,026,978
Distributions reinvested	—	—	1,044,961	15,046,975
Repurchased	(1,134,601)	(18,472,215)	(2,417,105)	(39,791,178)
Net decrease	(919,408)	\$(14,852,669)	(561,380)	\$(11,717,225)
Series III shares				
Sold	22,314	\$374,721	119,317	\$1,923,843
Distributions reinvested	—	—	144,654	2,086,956
Repurchased	(130,866)	(2,129,871)	(236,566)	(3,841,280)
Net increase (decrease)	(108,552)	\$(1,755,150)	27,405	\$169,519
Total net decrease	(1,200,947)	\$(19,386,828)	(552,259)	\$(12,691,721)
Blue Chip Growth Trust				
	Six Months Ended 6-30-23		Year Ended 12-31-22	
	Shares	Amount	Shares	Amount
Series I shares				
Sold	112,522	\$2,315,729	210,876	\$5,051,274
Distributions reinvested	—	—	3,660,072	71,261,610
Repurchased	(710,818)	(14,971,252)	(1,153,971)	(32,611,728)
Net increase (decrease)	(598,296)	\$(12,655,523)	2,716,977	\$43,701,156
Series II shares				
Sold	93,112	\$1,895,291	259,218	\$6,656,870
Distributions reinvested	—	—	1,455,009	26,219,267
Repurchased	(469,265)	(9,365,420)	(759,770)	(20,888,783)
Net increase (decrease)	(376,153)	\$(7,470,129)	954,457	\$11,987,354
Series NAV shares				
Sold	718,900	\$15,368,467	3,628,463	\$96,405,796
Distributions reinvested	—	—	18,092,934	353,535,936
Repurchased	(8,299,620)	(174,947,021)	(5,868,706)	(171,479,579)
Net increase (decrease)	(7,580,720)	\$(159,578,554)	15,852,691	\$278,462,153
Total net increase (decrease)	(8,555,169)	\$(179,704,206)	19,524,125	\$334,150,663
Capital Appreciation Trust				
	Six Months Ended 6-30-23		Year Ended 12-31-22	
	Shares	Amount	Shares	Amount
Series I shares				
Sold	300,058	\$1,171,918	930,595	\$3,906,446
Distributions reinvested	—	—	13,897,745	49,059,040
Repurchased	(2,942,881)	(11,386,076)	(4,971,590)	(25,042,794)
Net increase (decrease)	(2,642,823)	\$(10,214,158)	9,856,750	\$27,922,692
Series II shares				
Sold	552,516	\$1,593,705	881,705	\$2,989,528
Distributions reinvested	—	—	6,551,144	17,753,601
Repurchased	(1,615,608)	(4,810,723)	(2,945,735)	(13,270,527)
Net increase (decrease)	(1,063,092)	\$(3,217,018)	4,487,114	\$7,472,602

Portfolio share transactions, continued

Capital Appreciation Trust, Cont'd	Six Months Ended 6-30-23		Year Ended 12-31-22	
	Shares	Amount	Shares	Amount
Series NAV shares				
Sold	513,210	\$1,966,081	2,441,729	\$12,497,984
Distributions reinvested	—	—	19,172,327	68,636,931
Repurchased	(4,828,019)	(19,197,221)	(14,153,878)	(89,845,306)
Net increase (decrease)	(4,314,809)	\$(17,231,140)	7,460,178	\$(8,710,391)
Total net increase (decrease)	(8,020,724)	\$(30,662,316)	21,804,042	\$26,684,903
Capital Appreciation Value Trust				
	Six Months Ended 6-30-23		Year Ended 12-31-22	
	Shares	Amount	Shares	Amount
Series I shares				
Sold	11,487	\$126,722	279,297	\$3,533,108
Distributions reinvested	—	—	103,135	1,078,795
Repurchased	(90,487)	(1,025,240)	(235,293)	(2,894,314)
Net increase (decrease)	(79,000)	\$(898,518)	147,139	\$1,717,589
Series II shares				
Sold	33,289	\$376,687	173,232	\$2,162,633
Distributions reinvested	—	—	3,199,623	33,244,084
Repurchased	(1,182,445)	(13,206,374)	(2,062,895)	(25,197,069)
Net increase (decrease)	(1,149,156)	\$(12,829,687)	1,309,960	\$10,209,648
Series NAV shares				
Sold	701,194	\$7,780,071	1,059,824	\$13,314,672
Distributions reinvested	—	—	2,456,435	25,596,052
Repurchased	(484,900)	(5,486,010)	(685,489)	(8,275,450)
Net increase	216,294	\$2,294,061	2,830,770	\$30,635,274
Total net increase (decrease)	(1,011,862)	\$(11,434,144)	4,287,869	\$42,562,511
Disciplined Value International Trust				
	Six Months Ended 6-30-23		Year Ended 12-31-22	
	Shares	Amount	Shares	Amount
Series I shares				
Sold	414,084	\$5,887,779	254,516	\$3,473,601
Distributions reinvested	—	—	210,183	2,480,160
Repurchased	(381,175)	(5,425,304)	(762,617)	(10,191,450)
Net increase (decrease)	32,909	\$462,475	(297,918)	\$(4,237,689)
Series II shares				
Sold	107,244	\$1,448,721	393,526	\$5,581,463
Distributions reinvested	—	—	121,590	1,433,545
Repurchased	(238,961)	(3,389,100)	(564,873)	(7,565,208)
Net decrease	(131,717)	\$(1,940,379)	(49,757)	\$(550,200)
Series NAV shares				
Sold	818,955	\$11,699,049	1,181,307	\$15,958,714
Distributions reinvested	—	—	478,480	5,593,431
Repurchased	(520,613)	(7,365,982)	(3,643,558)	(50,204,862)
Net increase (decrease)	298,342	\$4,333,067	(1,983,771)	\$(28,652,717)
Total net increase (decrease)	199,534	\$2,855,163	(2,331,446)	\$(33,440,606)
Emerging Markets Value Trust				
	Six Months Ended 6-30-23		Year Ended 12-31-22	
	Shares	Amount	Shares	Amount
Series I shares				
Sold	146,486	\$1,343,669	203,912	\$2,041,468
Distributions reinvested	—	—	26,504	214,150
Repurchased	(113,079)	(1,049,659)	(232,595)	(2,292,024)
Net increase (decrease)	33,407	\$294,010	(2,179)	\$(36,406)
Series II shares				
Sold	77,096	\$719,799	140,038	\$1,416,664
Distributions reinvested	—	—	119,736	968,664
Repurchased	(360,560)	(3,390,297)	(548,312)	(5,365,984)
Net decrease	(283,464)	\$(2,670,498)	(288,538)	\$(2,980,656)

Portfolio share transactions, continued

Emerging Markets Value Trust, Cont'd	Six Months Ended 6-30-23		Year Ended 12-31-22	
	Shares	Amount	Shares	Amount
Series NAV shares				
Sold	427,323	\$3,990,155	1,417,004	\$12,887,454
Distributions reinvested	—	—	845,050	6,819,553
Repurchased	(1,081,264)	(9,994,761)	(2,762,049)	(25,881,081)
Net decrease	(653,941)	\$(6,004,606)	(499,995)	\$(6,174,074)
Total net decrease	(903,998)	\$(8,381,094)	(790,712)	\$(9,191,136)
Equity Income Trust				
	Six Months Ended 6-30-23		Year Ended 12-31-22	
	Shares	Amount	Shares	Amount
Series I shares				
Sold	171,358	\$2,374,304	373,302	\$6,120,631
Distributions reinvested	—	—	2,138,259	28,609,907
Repurchased	(987,770)	(13,859,812)	(1,913,436)	(29,918,348)
Net increase (decrease)	(816,412)	\$(11,485,508)	598,125	\$4,812,190
Series II shares				
Sold	279,584	\$3,759,349	512,012	\$8,000,525
Distributions reinvested	—	—	1,109,345	14,732,101
Repurchased	(751,584)	(10,436,663)	(1,329,637)	(20,712,986)
Net increase (decrease)	(472,000)	\$(6,677,314)	291,720	\$2,019,640
Series NAV shares				
Sold	2,839,075	\$39,276,312	2,509,607	\$38,486,654
Distributions reinvested	—	—	10,399,252	138,102,068
Repurchased	(2,902,596)	(40,832,119)	(16,778,675)	(271,625,989)
Net decrease	(63,521)	\$(1,555,807)	(3,869,816)	\$(95,037,267)
Total net decrease	(1,351,933)	\$(19,718,629)	(2,979,971)	\$(88,205,437)
Financial Industries Trust				
	Six Months Ended 6-30-23		Year Ended 12-31-22	
	Shares	Amount	Shares	Amount
Series I shares				
Sold	262,859	\$2,781,668	1,084,417	\$16,798,122
Distributions reinvested	—	—	1,778,261	19,863,174
Repurchased	(1,310,256)	(13,911,595)	(2,594,321)	(37,040,959)
Net increase (decrease)	(1,047,397)	\$(11,129,927)	268,357	\$(379,663)
Series II shares				
Sold	43,530	\$452,333	242,009	\$3,772,389
Distributions reinvested	—	—	308,896	3,410,210
Repurchased	(171,748)	(1,833,264)	(433,474)	(6,398,034)
Net increase (decrease)	(128,218)	\$(1,380,931)	117,431	\$784,565
Series NAV shares				
Sold	56,120	\$587,701	201,880	\$2,997,287
Distributions reinvested	—	—	511,035	5,682,706
Repurchased	(176,799)	(1,906,011)	(382,881)	(5,828,390)
Net increase (decrease)	(120,679)	\$(1,318,310)	330,034	\$2,851,603
Total net increase (decrease)	(1,296,294)	\$(13,829,168)	715,822	\$3,256,505
Fundamental All Cap Core Trust				
	Six Months Ended 6-30-23		Year Ended 12-31-22	
	Shares	Amount	Shares	Amount
Series I shares				
Sold	325,894	\$9,027,893	270,135	\$8,279,141
Distributions reinvested	—	—	365,644	9,232,515
Repurchased	(394,509)	(10,920,621)	(969,300)	(30,118,608)
Net decrease	(68,615)	\$(1,892,728)	(333,521)	\$(12,606,952)
Series II shares				
Sold	26,798	\$739,140	109,970	\$3,152,631
Distributions reinvested	—	—	168,557	4,237,517
Repurchased	(147,265)	(4,087,920)	(306,016)	(9,426,443)
Net decrease	(120,467)	\$(3,348,780)	(27,489)	\$(2,036,295)

Portfolio share transactions, continued

Fundamental All Cap Core Trust, Cont'd	Six Months Ended 6-30-23		Year Ended 12-31-22	
	Shares	Amount	Shares	Amount
Series NAV shares				
Sold	97,684	\$2,739,025	71,059	\$1,965,309
Distributions reinvested	—	—	7,170,424	182,415,585
Repurchased	(3,038,182)	(84,864,944)	(5,342,624)	(165,588,376)
Net increase (decrease)	(2,940,498)	\$(82,125,919)	1,898,859	\$18,792,518
Total net increase (decrease)	(3,129,580)	\$(87,367,427)	1,537,849	\$4,149,271
Fundamental Large Cap Value Trust				
	Six Months Ended 6-30-23		Year Ended 12-31-22	
	Shares	Amount	Shares	Amount
Series I shares				
Sold	236,889	\$5,724,734	484,457	\$12,901,599
Distributions reinvested	—	—	2,765,338	59,869,578
Repurchased	(1,237,062)	(29,832,180)	(1,906,564)	(48,965,339)
Net increase (decrease)	(1,000,173)	\$(24,107,446)	1,343,231	\$23,805,838
Series II shares				
Sold	11,786	\$289,513	92,473	\$2,345,895
Distributions reinvested	—	—	953,757	20,858,656
Repurchased	(488,793)	(11,989,084)	(848,830)	(22,155,525)
Net increase (decrease)	(477,007)	\$(11,699,571)	197,400	\$1,049,026
Series NAV shares				
Sold	196,327	\$4,734,140	992,762	\$25,399,158
Distributions reinvested	—	—	1,054,231	22,834,638
Repurchased	(654,889)	(15,884,636)	(506,899)	(12,991,496)
Net increase (decrease)	(458,562)	\$(11,150,496)	1,540,094	\$35,242,300
Total net increase (decrease)	(1,935,742)	\$(46,957,513)	3,080,725	\$60,097,164
Global Equity Trust				
	Six Months Ended 6-30-23		Year Ended 12-31-22	
	Shares	Amount	Shares	Amount
Series I shares				
Sold	32,194	\$658,501	242,517	\$4,839,149
Distributions reinvested	—	—	1,097,880	20,793,841
Repurchased	(703,855)	(14,600,983)	(1,399,742)	(29,896,868)
Net decrease	(671,661)	\$(13,942,482)	(59,345)	\$(4,263,878)
Series II shares				
Sold	5,096	\$107,906	7,020	\$146,361
Distributions reinvested	—	—	105,594	1,986,235
Repurchased	(77,342)	(1,592,337)	(207,796)	(4,561,661)
Net decrease	(72,246)	\$(1,484,431)	(95,182)	\$(2,429,065)
Series NAV shares				
Sold	32,353	\$666,688	152,212	\$3,148,571
Distributions reinvested	—	—	204,986	3,880,386
Repurchased	(63,549)	(1,314,722)	(205,282)	(4,648,171)
Net increase (decrease)	(31,196)	\$(648,034)	151,916	\$2,380,786
Total net decrease	(775,103)	\$(16,074,947)	(2,611)	\$(4,312,157)
Health Sciences Trust				
	Six Months Ended 6-30-23		Year Ended 12-31-22	
	Shares	Amount	Shares	Amount
Series I shares				
Sold	25,850	\$620,395	154,692	\$4,126,842
Distributions reinvested	—	—	343,309	7,902,983
Repurchased	(230,221)	(5,484,809)	(347,337)	(9,018,924)
Net increase (decrease)	(204,371)	\$(4,864,414)	150,664	\$3,010,901
Series II shares				
Sold	24,878	\$518,303	127,268	\$2,927,729
Distributions reinvested	—	—	381,868	7,645,003
Repurchased	(227,747)	(4,720,317)	(500,355)	(11,374,107)
Net increase (decrease)	(202,869)	\$(4,202,014)	8,781	\$(801,375)

Portfolio share transactions, continued

Health Sciences Trust, Cont'd	Six Months Ended 6-30-23		Year Ended 12-31-22	
	Shares	Amount	Shares	Amount
Series NAV shares				
Sold	71,669	\$1,751,310	347,866	\$9,606,723
Distributions reinvested	—	—	777,648	18,360,269
Repurchased	(275,211)	(6,708,591)	(439,580)	(11,744,542)
Net increase (decrease)	(203,542)	\$(4,957,281)	685,934	\$16,222,450
Total net increase (decrease)	(610,782)	\$(14,023,709)	845,379	\$18,431,976
International Equity Index Trust				
	Six Months Ended 6-30-23		Year Ended 12-31-22	
	Shares	Amount	Shares	Amount
Series I shares				
Sold	683,429	\$11,959,440	856,184	\$14,889,089
Distributions reinvested	—	—	695,894	10,194,850
Repurchased	(948,882)	(16,514,697)	(1,843,574)	(32,227,631)
Net decrease	(265,453)	\$(4,555,257)	(291,496)	\$(7,143,692)
Series II shares				
Sold	54,355	\$962,915	94,307	\$1,636,255
Distributions reinvested	—	—	39,723	583,130
Repurchased	(79,487)	(1,381,746)	(228,168)	(3,980,157)
Net decrease	(25,132)	\$(418,831)	(94,138)	\$(1,760,772)
Series NAV shares				
Sold	547,577	\$9,586,318	4,925,098	\$94,006,076
Distributions reinvested	—	—	1,114,218	16,312,146
Repurchased	(1,574,551)	(27,706,207)	(3,797,835)	(68,674,931)
Net increase (decrease)	(1,026,974)	\$(18,119,889)	2,241,481	\$41,643,291
Total net increase (decrease)	(1,317,559)	\$(23,093,977)	1,855,847	\$32,738,827
International Small Company Trust				
	Six Months Ended 6-30-23		Year Ended 12-31-22	
	Shares	Amount	Shares	Amount
Series I shares				
Sold	69,838	\$837,679	48,100	\$578,298
Distributions reinvested	—	—	186,615	1,961,324
Repurchased	(189,278)	(2,356,419)	(236,271)	(3,039,410)
Net decrease	(119,440)	\$(1,518,740)	(1,556)	\$(499,788)
Series II shares				
Sold	32,813	\$407,802	59,142	\$749,592
Distributions reinvested	—	—	106,684	1,120,179
Repurchased	(40,847)	(505,309)	(128,833)	(1,777,767)
Net increase (decrease)	(8,034)	\$(97,507)	36,993	\$92,004
Series NAV shares				
Sold	171,406	\$2,141,097	1,078,935	\$14,355,495
Distributions reinvested	—	—	740,408	7,781,693
Repurchased	(427,273)	(5,317,709)	(1,494,698)	(18,366,096)
Net increase (decrease)	(255,867)	\$(3,176,612)	324,645	\$3,771,092
Total net increase (decrease)	(383,341)	\$(4,792,859)	360,082	\$3,363,308
Lifestyle Balanced Portfolio				
	Six Months Ended 6-30-23		Year Ended 12-31-22	
	Shares	Amount	Shares	Amount
Series I shares				
Sold	309,963	\$4,138,216	108,574	\$1,571,824
Distributions reinvested	—	—	299,180	3,723,778
Repurchased	(193,437)	(2,557,516)	(335,774)	(4,911,394)
Net increase	116,526	\$1,580,700	71,980	\$384,208
Series II shares				
Sold	1,137,864	\$15,021,896	1,800,403	\$26,420,348
Distributions reinvested	—	—	6,684,532	83,290,674
Repurchased	(3,211,395)	(42,279,054)	(9,692,478)	(143,162,085)
Net decrease	(2,073,531)	\$(27,257,158)	(1,207,543)	\$(33,451,063)

Portfolio share transactions, continued

Lifestyle Balanced Portfolio, Cont'd	Six Months Ended 6-30-23		Year Ended 12-31-22	
	Shares	Amount	Shares	Amount
Series NAV shares				
Sold	212,563	\$2,809,838	677,295	\$9,455,184
Distributions reinvested	—	—	1,251,214	15,561,223
Repurchased	(406,282)	(5,371,443)	(629,540)	(9,242,763)
Net increase (decrease)	(193,719)	\$(2,561,605)	1,298,969	\$15,773,644
Total net increase (decrease)	(2,150,724)	\$(28,238,063)	163,406	\$(17,293,211)
Lifestyle Conservative Portfolio				
	Six Months Ended 6-30-23		Year Ended 12-31-22	
	Shares	Amount	Shares	Amount
Series I shares				
Sold	48,790	\$550,945	260,082	\$3,295,265
Distributions reinvested	—	—	111,281	1,219,199
Repurchased	(119,129)	(1,365,931)	(384,165)	(4,870,792)
Net decrease	(70,339)	\$(814,986)	(12,802)	\$(356,328)
Series II shares				
Sold	637,503	\$7,289,349	1,089,568	\$13,657,491
Distributions reinvested	—	—	1,098,945	12,042,860
Repurchased	(875,791)	(10,007,393)	(3,306,046)	(41,594,576)
Net decrease	(238,288)	\$(2,718,044)	(1,117,533)	\$(15,894,225)
Series NAV shares				
Sold	14,100	\$161,734	178,734	\$2,192,673
Distributions reinvested	—	—	56,611	619,523
Repurchased	(116,667)	(1,342,437)	(88,198)	(1,128,710)
Net increase (decrease)	(102,567)	\$(1,180,703)	147,147	\$1,683,486
Total net decrease	(411,194)	\$(4,713,733)	(983,188)	\$(14,567,067)
Lifestyle Growth Portfolio				
	Six Months Ended 6-30-23		Year Ended 12-31-22	
	Shares	Amount	Shares	Amount
Series I shares				
Sold	31,990	\$449,442	252,271	\$4,014,886
Distributions reinvested	—	—	2,322,150	30,241,595
Repurchased	(821,066)	(11,400,600)	(1,427,281)	(22,822,787)
Net increase (decrease)	(789,076)	\$(10,951,158)	1,147,140	\$11,433,694
Series II shares				
Sold	432,682	\$6,045,857	2,025,551	\$33,484,927
Distributions reinvested	—	—	49,729,037	647,255,878
Repurchased	(16,885,278)	(234,915,626)	(34,683,661)	(554,506,480)
Net increase (decrease)	(16,452,596)	\$(228,869,769)	17,070,927	\$126,234,325
Series NAV shares				
Sold	389,425	\$5,414,020	1,145,829	\$18,345,669
Distributions reinvested	—	—	5,897,578	76,795,903
Repurchased	(671,082)	(9,341,623)	(1,028,009)	(16,734,773)
Net increase (decrease)	(281,657)	\$(3,927,603)	6,015,398	\$78,406,799
Total net increase (decrease)	(17,523,329)	\$(243,748,530)	24,233,465	\$216,074,818
Lifestyle Moderate Portfolio				
	Six Months Ended 6-30-23		Year Ended 12-31-22	
	Shares	Amount	Shares	Amount
Series I shares				
Sold	6,370	\$78,227	51,600	\$723,171
Distributions reinvested	—	—	113,432	1,347,535
Repurchased	(52,904)	(659,146)	(148,330)	(2,118,575)
Net increase (decrease)	(46,534)	\$(580,919)	16,702	\$(47,869)
Series II shares				
Sold	570,549	\$7,197,368	1,049,266	\$14,651,039
Distributions reinvested	—	—	1,990,938	23,679,443
Repurchased	(1,099,673)	(13,804,733)	(3,407,519)	(47,458,410)
Net decrease	(529,124)	\$(6,607,365)	(367,315)	\$(9,127,928)

Portfolio share transactions, continued

Lifestyle Moderate Portfolio, Cont'd	Six Months Ended 6-30-23		Year Ended 12-31-22	
	Shares	Amount	Shares	Amount
Series NAV shares				
Sold	102,843	\$1,289,956	388,360	\$5,341,648
Distributions reinvested	—	—	346,202	4,112,909
Repurchased	(95,915)	(1,198,146)	(314,835)	(4,392,892)
Net increase	6,928	\$91,810	419,727	\$5,061,665
Total net increase (decrease)	(568,730)	\$(7,096,474)	69,114	\$(4,114,132)
Mid Cap Growth Trust				
	Six Months Ended 6-30-23		Year Ended 12-31-22	
	Shares	Amount	Shares	Amount
Series I shares				
Sold	153,584	\$1,185,953	474,958	\$5,996,906
Distributions reinvested	—	—	7,921,332	55,924,606
Repurchased	(1,281,616)	(9,924,903)	(1,615,434)	(20,019,596)
Net increase (decrease)	(1,128,032)	\$(8,738,950)	6,780,856	\$41,901,916
Series II shares				
Sold	65,650	\$396,649	201,275	\$1,949,666
Distributions reinvested	—	—	5,358,939	29,634,931
Repurchased	(910,630)	(5,511,415)	(978,547)	(11,343,695)
Net increase (decrease)	(844,980)	\$(5,114,766)	4,581,667	\$20,240,902
Series NAV shares				
Sold	663,806	\$5,332,742	4,267,005	\$55,621,997
Distributions reinvested	—	—	21,390,138	158,500,923
Repurchased	(2,894,604)	(24,030,111)	(6,680,194)	(96,826,022)
Net increase (decrease)	(2,230,798)	\$(18,697,369)	18,976,949	\$117,296,898
Total net increase (decrease)	(4,203,810)	\$(32,551,085)	30,339,472	\$179,439,716
Mid Cap Index Trust				
	Six Months Ended 6-30-23		Year Ended 12-31-22	
	Shares	Amount	Shares	Amount
Series I shares				
Sold	454,354	\$8,548,206	483,842	\$10,427,675
Distributions reinvested	—	—	7,612,684	134,972,895
Repurchased	(2,857,554)	(53,504,295)	(5,114,569)	(108,063,655)
Net increase (decrease)	(2,403,200)	\$(44,956,089)	2,981,957	\$37,336,915
Series II shares				
Sold	15,254	\$276,154	9,031	\$208,383
Distributions reinvested	—	—	497,835	8,761,887
Repurchased	(218,866)	(4,103,612)	(421,611)	(9,018,764)
Net increase (decrease)	(203,612)	\$(3,827,458)	85,255	\$(48,494)
Series NAV shares				
Sold	314,674	\$5,939,000	581,559	\$12,558,395
Distributions reinvested	—	—	2,071,983	36,736,251
Repurchased	(530,144)	(10,031,554)	(1,607,197)	(34,747,358)
Net increase (decrease)	(215,470)	\$(4,092,554)	1,046,345	\$14,547,288
Total net increase (decrease)	(2,822,282)	\$(52,876,101)	4,113,557	\$51,835,709
Mid Value Trust				
	Six Months Ended 6-30-23		Year Ended 12-31-22	
	Shares	Amount	Shares	Amount
Series I shares				
Sold	649,178	\$6,865,925	1,887,361	\$21,863,151
Distributions reinvested	—	—	2,939,583	27,955,439
Repurchased	(1,897,422)	(19,565,683)	(2,676,534)	(30,236,736)
Net increase (decrease)	(1,248,244)	\$(12,699,758)	2,150,410	\$19,581,854
Series II shares				
Sold	111,457	\$1,202,403	402,906	\$4,512,144
Distributions reinvested	—	—	665,152	6,338,897
Repurchased	(349,151)	(3,642,551)	(656,453)	(7,347,098)
Net increase (decrease)	(237,694)	\$(2,440,148)	411,605	\$3,503,943

Portfolio share transactions, continued

Mid Value Trust, Cont'd	Six Months Ended 6-30-23		Year Ended 12-31-22	
	Shares	Amount	Shares	Amount
Series NAV shares				
Sold	1,616,113	\$16,157,681	1,237,635	\$13,789,529
Distributions reinvested	—	—	4,012,010	37,793,133
Repurchased	(886,064)	(9,221,518)	(5,971,524)	(70,395,258)
Net increase (decrease)	730,049	\$6,936,163	(721,879)	\$(18,812,596)
Total net increase (decrease)	(755,889)	\$(8,203,743)	1,840,136	\$4,273,201
Real Estate Securities Trust				
	Six Months Ended 6-30-23		Year Ended 12-31-22	
	Shares	Amount	Shares	Amount
Series I shares				
Sold	15,623	\$279,315	60,531	\$1,288,229
Distributions reinvested	—	—	332,206	5,670,752
Repurchased	(127,970)	(2,316,452)	(344,283)	(7,713,498)
Net increase (decrease)	(112,347)	\$(2,037,137)	48,454	\$(754,517)
Series II shares				
Sold	5,887	\$100,516	115,979	\$2,672,394
Distributions reinvested	—	—	175,598	2,995,698
Repurchased	(171,887)	(3,061,663)	(307,431)	(7,256,992)
Net decrease	(166,000)	\$(2,961,147)	(15,854)	\$(1,588,900)
Series NAV shares				
Sold	177,240	\$3,183,663	1,022,353	\$23,449,641
Distributions reinvested	—	—	1,408,695	23,849,206
Repurchased	(545,619)	(9,764,415)	(1,764,430)	(38,435,032)
Net increase (decrease)	(368,379)	\$(6,580,752)	666,618	\$8,863,815
Total net increase (decrease)	(646,726)	\$(11,579,036)	699,218	\$6,520,398
Science & Technology Trust				
	Six Months Ended 6-30-23		Year Ended 12-31-22	
	Shares	Amount	Shares	Amount
Series I shares				
Sold	1,897,673	\$28,373,298	993,874	\$20,805,507
Distributions reinvested	—	—	20,968,397	240,507,519
Repurchased	(2,040,686)	(28,526,062)	(4,152,187)	(96,928,182)
Net increase (decrease)	(143,013)	\$(152,764)	17,810,084	\$164,384,844
Series II shares				
Sold	398,250	\$4,990,311	129,298	\$2,351,858
Distributions reinvested	—	—	2,493,306	23,611,608
Repurchased	(622,802)	(7,373,380)	(505,560)	(12,070,969)
Net increase (decrease)	(224,552)	\$(2,383,069)	2,117,044	\$13,892,497
Series NAV shares				
Sold	438,651	\$6,616,571	602,365	\$13,828,818
Distributions reinvested	—	—	4,262,348	50,977,686
Repurchased	(433,224)	(6,541,711)	(445,063)	(11,404,961)
Net increase	5,427	\$74,860	4,419,650	\$53,401,543
Total net increase (decrease)	(362,138)	\$(2,460,973)	24,346,778	\$231,678,884
Small Cap Index Trust				
	Six Months Ended 6-30-23		Year Ended 12-31-22	
	Shares	Amount	Shares	Amount
Series I shares				
Sold	882,026	\$10,624,924	1,159,810	\$16,343,787
Distributions reinvested	—	—	4,627,769	54,468,844
Repurchased	(1,742,256)	(20,807,744)	(2,942,082)	(41,440,097)
Net increase (decrease)	(860,230)	\$(10,182,820)	2,845,497	\$29,372,534
Series II shares				
Sold	14,627	\$168,518	54,871	\$770,472
Distributions reinvested	—	—	360,990	4,212,751
Repurchased	(158,315)	(1,923,053)	(276,623)	(3,879,308)
Net increase (decrease)	(143,688)	\$(1,754,535)	139,238	\$1,103,915

Portfolio share transactions, continued

Small Cap Index Trust, Cont'd	Six Months Ended 6-30-23		Year Ended 12-31-22	
	Shares	Amount	Shares	Amount
Series NAV shares				
Sold	353,673	\$4,210,475	780,666	\$10,923,779
Distributions reinvested	—	—	1,666,296	19,645,629
Repurchased	(470,252)	(5,664,030)	(1,429,921)	(20,593,422)
Net increase (decrease)	(116,579)	\$(1,453,555)	1,017,041	\$9,975,986
Total net increase (decrease)	(1,120,497)	\$(13,390,910)	4,001,776	\$40,452,435
Small Cap Opportunities Trust				
	Six Months Ended 6-30-23		Year Ended 12-31-22	
	Shares	Amount	Shares	Amount
Series I shares				
Sold	16,805	\$459,178	97,570	\$2,894,788
Distributions reinvested	—	—	456,445	11,570,880
Repurchased	(123,777)	(3,284,303)	(336,282)	(10,039,296)
Net increase (decrease)	(106,972)	\$(2,825,125)	217,733	\$4,426,372
Series II shares				
Sold	13,795	\$359,362	53,084	\$1,442,610
Distributions reinvested	—	—	171,107	4,214,354
Repurchased	(94,134)	(2,466,987)	(161,975)	(4,670,639)
Net increase (decrease)	(80,339)	\$(2,107,625)	62,216	\$986,325
Series NAV shares				
Sold	92,019	\$2,409,430	506,103	\$15,060,834
Distributions reinvested	—	—	265,844	6,675,349
Repurchased	(40,075)	(1,078,821)	(99,461)	(2,956,342)
Net increase	51,944	\$1,330,609	672,486	\$18,779,841
Total net increase (decrease)	(135,367)	\$(3,602,141)	952,435	\$24,192,538
Small Cap Stock Trust				
	Six Months Ended 6-30-23		Year Ended 12-31-22	
	Shares	Amount	Shares	Amount
Series I shares				
Sold	540,379	\$2,834,300	663,768	\$4,907,556
Distributions reinvested	—	—	4,028,836	20,748,505
Repurchased	(976,937)	(5,078,154)	(1,921,384)	(14,463,192)
Net increase (decrease)	(436,558)	\$(2,243,854)	2,771,220	\$11,192,869
Series II shares				
Sold	57,261	\$258,178	133,372	\$806,059
Distributions reinvested	—	—	1,656,321	7,254,687
Repurchased	(503,648)	(2,219,403)	(732,148)	(4,485,859)
Net increase (decrease)	(446,387)	\$(1,961,225)	1,057,545	\$3,574,887
Series NAV shares				
Sold	528,412	\$2,830,010	432,031	\$3,094,082
Distributions reinvested	—	—	8,767,136	46,816,507
Repurchased	(628,742)	(3,423,936)	(2,734,715)	(22,400,144)
Net increase (decrease)	(100,330)	\$(593,926)	6,464,452	\$27,510,445
Total net increase (decrease)	(983,275)	\$(4,799,005)	10,293,217	\$42,278,201
Small Cap Value Trust				
	Six Months Ended 6-30-23		Year Ended 12-31-22	
	Shares	Amount	Shares	Amount
Series I shares				
Sold	89,355	\$1,249,276	392,402	\$6,508,219
Distributions reinvested	—	—	1,901,625	25,481,781
Repurchased	(1,138,967)	(15,864,338)	(1,862,551)	(30,296,336)
Net increase (decrease)	(1,049,612)	\$(14,615,062)	431,476	\$1,693,664
Series II shares				
Sold	32,102	\$452,221	161,451	\$2,668,108
Distributions reinvested	—	—	281,524	3,738,639
Repurchased	(171,843)	(2,312,801)	(353,463)	(5,821,939)
Net increase (decrease)	(139,741)	\$(1,860,580)	89,512	\$584,808

Portfolio share transactions, continued

Small Cap Value Trust, Cont'd	Six Months Ended 6-30-23		Year Ended 12-31-22	
	Shares	Amount	Shares	Amount
Series NAV shares				
Sold	2,044,880	\$27,945,303	1,229,398	\$18,152,101
Distributions reinvested	—	—	3,535,566	47,129,095
Repurchased	(820,350)	(11,448,652)	(3,486,794)	(59,032,856)
Net increase	1,224,530	\$16,496,651	1,278,170	\$6,248,340
Total net increase	35,177	\$21,009	1,799,158	\$8,526,812
Small Company Value Trust				
	Six Months Ended 6-30-23		Year Ended 12-31-22	
	Shares	Amount	Shares	Amount
Series I shares				
Sold	36,455	\$327,756	181,155	\$1,870,291
Distributions reinvested	—	—	689,328	6,135,017
Repurchased	(282,569)	(2,538,425)	(590,227)	(6,301,641)
Net increase (decrease)	(246,114)	\$(2,210,669)	280,256	\$1,703,667
Series II shares				
Sold	27,760	\$231,130	75,857	\$774,177
Distributions reinvested	—	—	588,506	4,931,682
Repurchased	(221,315)	(1,867,040)	(541,981)	(5,392,907)
Net increase (decrease)	(193,555)	\$(1,635,910)	122,382	\$312,952
Series NAV shares				
Sold	207,798	\$1,819,029	404,303	\$4,304,911
Distributions reinvested	—	—	897,310	7,932,221
Repurchased	(737,377)	(6,376,520)	(482,487)	(5,059,230)
Net increase (decrease)	(529,579)	\$(4,557,491)	819,126	\$7,177,902
Total net increase (decrease)	(969,248)	\$(8,404,070)	1,221,764	\$9,194,521
Strategic Equity Allocation Trust				
	Six Months Ended 6-30-23		Year Ended 12-31-22	
	Shares	Amount	Shares	Amount
Series NAV shares				
Sold	145,398	\$2,283,102	5,734,507	\$103,462,422
Distributions reinvested	—	—	90,277,463	1,325,273,153
Repurchased	(32,176,619)	(527,112,174)	(52,290,796)	(985,501,439)
Net increase (decrease)	(32,031,221)	\$(524,829,072)	43,721,174	\$443,234,136
Total net increase (decrease)	(32,031,221)	\$(524,829,072)	43,721,174	\$443,234,136
Total Stock Market Index Trust				
	Six Months Ended 6-30-23		Year Ended 12-31-22	
	Shares	Amount	Shares	Amount
Series I shares				
Sold	281,698	\$6,319,375	743,513	\$18,741,014
Distributions reinvested	—	—	3,349,185	70,332,892
Repurchased	(1,303,085)	(28,881,541)	(3,259,410)	(82,750,719)
Net increase (decrease)	(1,021,387)	\$(22,562,166)	833,288	\$6,323,187
Series II shares				
Sold	56,769	\$1,274,981	16,813	\$403,035
Distributions reinvested	—	—	286,785	5,990,945
Repurchased	(101,188)	(2,252,929)	(163,141)	(4,101,240)
Net increase (decrease)	(44,419)	\$(977,948)	140,457	\$2,292,740
Series NAV shares				
Sold	298,358	\$6,635,005	306,224	\$7,714,852
Distributions reinvested	—	—	1,436,334	30,163,023
Repurchased	(177,772)	(3,981,758)	(801,651)	(21,087,189)
Net increase	120,586	\$2,653,247	940,907	\$16,790,686
Total net increase (decrease)	(945,220)	\$(20,886,867)	1,914,652	\$25,406,613

Affiliates of the Trust owned 100% of shares of the portfolios, with the exception of Emerging Markets Value Trust, Financial Industries Trust, Fundamental All Cap Core Trust and International Small Company Trust, where affiliates owned 99.40%, 80.89%, 99.55% and 78.86% of Series II, respectively, and Emerging Markets Value Trust and International Equity Index Trust, where affiliates owned 59.84% and 99.96% of Series NAV, respectively, on June 30, 2023. Such concentration of shareholders' capital could have a material effect on the portfolios if such shareholders redeem from the portfolios.

7. Purchase and sale of securities

Purchases and sales of securities, other than short-term investments, amounted to the following for the six months ended June 30, 2023:

Portfolio	Purchases		Sales	
	U.S. Government	Other issuers	U.S. Government	Other issuers
500 Index Trust	—	\$70,271,512	—	\$60,099,056
American Asset Allocation Trust	—	49,223,599	—	66,025,718
American Global Growth Trust	—	16,083,241	—	16,655,959
American Growth Trust	—	50,356,095	—	72,980,668
American Growth-Income Trust	—	51,515,844	—	58,181,520
American International Trust	—	6,735,405	—	26,464,889
Blue Chip Growth Trust	—	136,023,746	—	313,829,659
Capital Appreciation Trust	—	89,401,355	—	119,983,072
Capital Appreciation Value Trust	\$38,525,437	123,646,955	\$39,836,759	129,267,680
Disciplined Value International Trust	—	122,835,505	—	114,103,014
Emerging Markets Value Trust	—	8,570,952	—	14,013,393
Equity Income Trust	—	157,051,616	—	165,170,454
Financial Industries Trust	—	40,778,751	—	53,514,469
Fundamental All Cap Core Trust	—	207,502,270	—	252,430,826
Fundamental Large Cap Value Trust	—	49,369,441	—	114,894,635
Global Equity Trust	—	68,339,691	—	84,399,355
Health Sciences Trust	—	56,142,361	—	68,694,374
International Equity Index Trust	—	11,034,959	—	22,177,382
International Small Company Trust	—	4,045,500	—	7,640,421
Lifestyle Balanced Portfolio	—	17,657,758	—	47,188,387
Lifestyle Conservative Portfolio	—	7,215,109	—	12,199,946
Lifestyle Growth Portfolio	—	5,359,945	—	256,172,073
Lifestyle Moderate Portfolio	—	7,184,476	—	14,691,349
Mid Cap Growth Trust	—	294,938,900	—	326,084,974
Mid Cap Index Trust	—	88,956,137	—	142,804,852
Mid Value Trust	—	175,711,313	—	168,911,195
Real Estate Securities Trust	—	170,339,282	—	173,219,365
Science & Technology Trust	—	420,358,164	—	459,778,041
Small Cap Index Trust	—	43,278,497	—	53,658,911
Small Cap Opportunities Trust	—	15,547,402	—	18,434,167
Small Cap Stock Trust	—	69,422,909	—	75,167,755
Small Cap Value Trust	—	114,235,739	—	107,968,732
Small Company Value Trust	—	18,832,264	—	24,987,526
Strategic Equity Allocation Trust	—	119,155,567	—	627,861,735
Total Stock Market Index Trust	—	16,187,266	—	21,797,428

8. Industry or sector risk

The portfolios may invest a large percentage of their assets in one or more particular industries or sectors of the economy. If a large percentage of a portfolio's assets are economically tied to a single or small number of industries or sectors of the economy, the portfolio will be less diversified than a more broadly diversified portfolio, and it may cause the portfolio to underperform if that industry or sector underperforms. In addition, focusing on a particular industry or sector may make the portfolio's NAV more volatile. Further, a portfolio that invests in particular industries or sectors is particularly susceptible to the impact of market, economic, regulatory and other factors affecting those industries or sectors.

9. Investment in affiliated underlying funds

The Lifestyle Portfolios invest primarily in affiliated underlying funds that are managed by the Advisor and its affiliates. The Lifestyle Portfolios do not invest in the affiliated underlying funds for the purpose of exercising management or control; however, the portfolios' investment may represent a significant portion of each affiliated underlying funds' net assets. At June 30, 2023, the following portfolios held 5% or more of the net assets of the affiliated underlying funds shown below:

Portfolio	Affiliated Fund	Percentage of underlying fund net assets
Lifestyle Balanced Portfolio	Select Bond Trust	7.7%
	Strategic Equity Allocation Trust	6.6%
Lifestyle Growth Portfolio	Strategic Equity Allocation Trust	50%
	Select Bond Trust	24.5%

Information regarding the portfolios' fiscal year to date purchases and sales of the affiliated underlying funds as well as income and capital gains earned by the portfolios, if any, is as follows:

Investment in affiliated underlying funds, continued

Affiliate	Ending share amount	Beginning value	Cost of purchases	Proceeds from shares sold	Realized gain (loss)	Change in unrealized appreciation (depreciation)	Dividends and distributions		Ending value
							Income distributions received	Capital gain distributions received	
500 Index Trust									
John Hancock Collateral Trust*	30,664,507	\$221,283,201	\$348,555,331	\$(263,322,596)	\$98,002	\$(128,325)	\$5,606,601	—	\$306,485,613
Blue Chip Growth Trust									
John Hancock Collateral Trust*	112,394	\$1,169,436	\$11,725,501	\$(11,770,801)	\$(390)	\$(390)	\$2,227	—	\$1,123,356
Capital Appreciation Trust									
John Hancock Collateral Trust*	—	\$2,849,917	\$2,045,123	\$(4,895,501)	\$433	\$28	\$776	—	—
Capital Appreciation Value Trust									
John Hancock Collateral Trust*	—	—	\$5,364,300	\$(5,363,865)	\$(435)	—	\$12,998	—	—
Disciplined Value International Trust									
John Hancock Collateral Trust*	72,772	—	\$41,488,929	\$(40,761,188)	\$(355)	\$(44)	\$44,835	—	\$727,342
Emerging Markets Value Trust									
John Hancock Collateral Trust*	23,246	—	\$4,583,522	\$(4,350,913)	\$(259)	\$(12)	\$6,979	—	\$232,338
Equity Income Trust									
John Hancock Collateral Trust*	181,460	\$56,404,547	\$116,904,129	\$(171,495,001)	\$(541)	\$518	\$38,957	—	\$1,813,652
Financial Industries Trust									
John Hancock Collateral Trust	259,281	\$5,681,050	\$35,889,148	\$(38,980,071)	\$1,547	\$(213)	\$42,783	—	\$2,591,461
Fundamental All Cap Core Trust									
John Hancock Collateral Trust	2,359,067	\$45,794,358	\$99,438,495	\$(121,653,807)	\$1,921	\$(2,561)	\$527,959	—	\$23,578,406
Fundamental Large Cap Value Trust									
John Hancock Collateral Trust	2,921,102	\$6,104,753	\$70,917,615	\$(47,821,541)	\$(2,741)	\$(2,251)	\$389,620	—	\$29,195,835
International Equity Index Trust									
John Hancock Collateral Trust*	34,627	\$142,499	\$45,963,085	\$(45,758,472)	\$(1,034)	\$9	\$49,367	—	\$346,087
International Small Company Trust									
John Hancock Collateral Trust*	137,438	—	\$4,247,326	\$(2,873,366)	\$(159)	\$(132)	\$21,841	—	\$1,373,669
Lifestyle Balanced Portfolio									
Select Bond Trust	39,294,777	\$447,978,362	\$14,835,769	\$(12,824,588)	\$(2,042,232)	\$14,159,270	—	—	\$462,106,581
Strategic Equity Allocation Trust	27,741,039	450,984,436	2,821,990	(34,363,799)	(1,800,287)	63,109,866	—	—	480,752,206
					\$(3,842,519)	\$77,269,136	—	—	\$942,858,787
Lifestyle Conservative Portfolio									
John Hancock Collateral Trust	5,232	\$21,217	\$53,433	\$(22,343)	\$(2)	\$(10)	\$873	—	\$52,295
Select Bond Trust	11,460,464	132,228,407	4,313,034	(5,345,378)	(779,169)	4,358,165	—	—	134,775,059
Strategic Equity Allocation Trust	1,944,245	33,107,732	2,902,076	(6,854,569)	(931,500)	5,470,026	—	—	33,693,765
					\$(1,710,671)	\$9,828,181	\$873	—	\$168,521,119
Lifestyle Growth Portfolio									
John Hancock Collateral Trust	1	—	\$1,417,572	\$(1,417,575)	\$14	—	\$604	—	\$11
Select Bond Trust	124,736,243	\$1,439,741,831	5,359,947	(17,223,861)	(3,008,331)	\$42,028,634	—	—	1,466,898,220
Strategic Equity Allocation Trust	211,200,252	3,432,899,552	—	(238,948,213)	(14,891,926)	481,040,962	—	—	3,660,100,375
					\$(17,900,243)	\$523,069,596	\$604	—	\$5,126,998,606
Lifestyle Moderate Portfolio									

Investment in affiliated underlying funds, continued

Affiliate	Ending share amount	Beginning value	Cost of purchases	Proceeds from shares sold	Realized gain (loss)	Change in unrealized appreciation (depreciation)	Dividends and distributions		Ending value
							Income distributions received	Capital gain distributions received	
John Hancock Collateral Trust	3,823	\$15,630	\$52,976	\$(30,388)	\$3	\$(11)	\$618	—	\$38,210
Select Bond Trust	14,489,338	164,008,718	5,887,968	(3,967,025)	(634,860)	5,099,815	—	—	170,394,616
Strategic Equity Allocation Trust	6,704,710	110,661,403	1,296,508	(10,724,324)	(7,213)	14,966,250	—	—	116,192,624
					\$(642,070)	\$20,066,054	\$618	—	\$286,625,450
Mid Cap Growth Trust									
John Hancock Collateral Trust*	1,916,099	\$15,839,582	\$114,805,354	\$(111,490,155)	\$(3,425)	\$(331)	\$158,583	—	\$19,151,025
Mid Cap Index Trust									
John Hancock Collateral Trust*	7,342,026	\$37,907,021	\$259,068,518	\$(223,587,246)	\$5,079	\$(11,286)	\$739,688	—	\$73,382,086
Mid Value Trust									
John Hancock Collateral Trust*	496,375	\$13,043,847	\$81,006,278	\$(89,083,803)	\$(4,187)	\$(964)	\$15,003	—	\$4,961,171
Real Estate Securities Trust									
John Hancock Collateral Trust*	—	—	\$4,153,865	\$(4,153,893)	\$28	—	\$82	—	—
Science & Technology Trust									
John Hancock Collateral Trust*	100,898	\$2,946,108	\$32,947,570	\$(34,885,212)	\$234	\$(239)	\$13,370	—	\$1,008,461
Small Cap Index Trust									
John Hancock Collateral Trust*	2,854,500	\$24,839,413	\$60,168,780	\$(56,475,235)	\$7,004	\$(9,804)	\$789,934	—	\$28,530,158
Small Cap Opportunities Trust									
John Hancock Collateral Trust*	65,294	\$914,649	\$4,747,315	\$(5,009,269)	\$150	\$(246)	\$2,571	—	\$652,599
Small Cap Stock Trust									
John Hancock Collateral Trust*	881,983	\$6,298,427	\$74,536,326	\$(72,018,976)	\$59	\$(591)	\$34,969	—	\$8,815,245
Small Cap Value Trust									
John Hancock Collateral Trust*	137,084	\$6,088,199	\$38,460,275	\$(43,176,363)	\$(1,905)	\$(75)	\$19,147	—	\$1,370,131
Small Company Value Trust									
John Hancock Collateral Trust*	207,769	\$846,797	\$12,988,646	\$(11,758,726)	\$(121)	\$17	\$10,355	—	\$2,076,613
Strategic Equity Allocation Trust									
John Hancock Collateral Trust*	30,948,076	\$234,391,847	\$840,055,482	\$(765,104,863)	\$49,867	\$(72,503)	\$4,975,094	—	\$309,319,830
Total Stock Market Index Trust									
John Hancock Collateral Trust*	1,842,578	\$25,260,797	\$52,380,748	\$(59,223,300)	\$2,744	\$(4,787)	\$443,032	—	\$18,416,202

* Refer to the Securities lending note within Note 2 for details regarding this investment.

10. Investment in affiliates of advisor

Information regarding the portfolios' fiscal year to date purchases and sales of affiliated investments of the advisor as well as income and capital gains earned by the portfolios, if any, is as follows:

Affiliate	Ending share amount	Beginning value	Cost of purchases	Proceeds from shares sold	Realized gain (loss)	Change in unrealized appreciation (depreciation)	Dividends and distributions		Ending value
							Income distributions received	Capital gain distributions received	
International Equity Index Trust									
Manulife Financial Corp.	64,200	\$1,212,851	—	\$(69,962)	\$(4,118)	\$74,717	\$30,292	—	\$1,213,488

11. Investment by affiliated funds

Certain investors in the portfolios are affiliated funds that are managed by the Advisor and its affiliates. The affiliated funds do not invest in the portfolios for the purpose of exercising management or control; however, this investment may represent a significant portion of the portfolios' net assets. At June 30, 2023, the following fund(s) had an affiliate ownership of 5% or more of the portfolios' net assets:

Portfolio	Affiliated Concentration
Blue Chip Growth Trust	24.9%
Equity Income Trust	43.2%
Mid Cap Growth Trust	24.1%
Mid Value Trust	31.8%
Small Cap Value Trust	30.5%
Strategic Equity Allocation Trust	100%

12. Restricted securities

The portfolios may hold restricted securities which are restricted as to resale and the portfolios have limited rights to registration under the Securities Act of 1933. Disposal may involve time-consuming negotiations and expenses, and prompt sale at an acceptable price may be difficult to achieve. The following table summarizes the restricted securities held at June 30, 2023:

Issuer, Description	Original acquisition date	Acquisition cost	Beginning share amount	Shares purchased	Shares sold	Ending share amount	Value as a percentage of net assets	Ending value
Mid Cap Growth Trust								
Essence Group Holdings Corp.	5-1-14	\$2,731,549	1,663,188	—	—	1,663,188	0.3%	\$1,945,930
Lookout, Inc., Series F	7-31-14	2,338,736	211,003	—	—	211,003	0.3%	1,675,364
								\$3,621,294

13. LIBOR discontinuation risk

LIBOR (London Interbank Offered Rate) is a measure of the average interest rate at which major global banks can borrow from one another. Following allegations of rate manipulation and concerns regarding its thin liquidity, in July 2017, the U.K. Financial Conduct Authority, which regulates LIBOR, announced that it will stop encouraging banks to provide the quotations needed to sustain LIBOR. As market participants transition away from LIBOR, LIBOR's usefulness may deteriorate and these effects could be experienced until the permanent cessation of the majority of U.S. LIBOR rates in 2023. The transition process may lead to increased volatility and illiquidity in markets that currently rely on LIBOR to determine interest rates. LIBOR's deterioration may adversely affect the liquidity and/or market value of securities that use LIBOR as a benchmark interest rate.

The ICE Benchmark Administration Limited, the administrator of LIBOR, ceased publishing certain LIBOR maturities, including some U.S. LIBOR maturities, on December 31, 2021, and ceased publishing the remaining and most liquid U.S. LIBOR maturities on June 30, 2023 on a representative basis. The 1-, 3- and 6-month USD LIBOR maturities will continue to be published based on a synthetic methodology through September 30, 2024 and are permitted to be used in all legacy contracts except cleared derivatives. It is expected that market participants have or will transition to the use of alternative reference or benchmark rates prior to the applicable LIBOR publication cessation date. Additionally, although regulators have encouraged the development and adoption of alternative rates such as the Secured Overnight Financing Rate ("SOFR"), the future utilization of LIBOR or of any particular replacement rate remains uncertain.

The impact on the transition away from LIBOR referenced financial instruments remains uncertain. It is expected that market participants will adopt alternative rates such as SOFR or otherwise amend such financial instruments to include fallback provisions and other measures that contemplate the discontinuation of LIBOR. Uncertainty and risk remain regarding the willingness and ability of issuers and lenders to include alternative rates and revised provisions in new and existing contracts or instruments. To facilitate the transition of legacy derivatives contracts referencing LIBOR, the International Swaps and Derivatives Association, Inc. launched a protocol to incorporate fallback provisions. There are obstacles to converting certain longer term securities to a new benchmark or benchmarks and the effectiveness of one versus multiple alternative reference rates has not been determined. Certain proposed replacement rates, such as SOFR, are materially different from LIBOR, and will require changes to the applicable spreads. Furthermore, the risks associated with the conversion from LIBOR may be exacerbated if an orderly transition is not completed in a timely manner.

14. New accounting pronouncement

In March 2020, the Financial Accounting Standards Board (FASB) issued an Accounting Standards Update (ASU), ASU 2020-04, Reference Rate Reform (Topic 848), which provides optional, temporary relief with respect to the financial reporting of contracts subject to certain types of modifications due to the planned discontinuation of the LIBOR and other IBOR-based reference rates as of the end of 2021. In January 2021 and December 2022, the FASB issued ASU No. 2021-01 and ASU No. 2022-06, with further amendments to Topic 848. The temporary relief provided by ASU 2020-04 is effective for certain reference rate-related contract modifications that occur during the period March 12, 2020 through December 31, 2024. Management expects that the adoption of the guidance will not have a material impact to the financial statements.

15. Other matters

The Jones Group

Strategic Equity Allocation Trust, Small Cap Index Trust, Small Cap Opportunities Trust, and other affiliates have been named as defendants in a lawsuit related to The Jones Group, a fashion company. It is alleged that in 2014, The Jones Group consummated a series of transactions that rendered it insolvent, increased debt, significantly decreased its assets, and distributed more than \$1 billion to its shareholders, all to the detriment of the company and its creditors. Equivalent lawsuits have been filed in California, New Jersey, Texas, Illinois and Florida. The total amounts at issue for Strategic Equity Allocation Trust, Small Cap Index Trust, and Small Cap Opportunities Trust are approximately \$375,000, \$320,000, and \$191,000, respectively.

Other matters, continued

On March 30, 2020, the plaintiffs filed a Motion for Transfer of Actions to the District of Massachusetts. The plaintiffs were seeking to consolidate 13 actions in 6 different federal districts against 188 defendants in a Multidistrict Panel in Massachusetts. \$550 million is being sought from these 188 defendants. On April 27, 2020, the shareholder defendants filed their response to plaintiffs' Motion to Transfer. On June 2, 2020, the United States Judicial Panel on Multidistrict Litigation issued a Transfer Order sending all the cases to the Southern District of New York. Accordingly, the litigation will be governed by Second Circuit precedent.

On June 12, 2020, a Scheduling Order was issued. On June 29, 2020, a global Motion to Dismiss Under the Safe Harbor of Section 546(e) of the Bankruptcy Code was filed by the defendants. On August 27, 2020, the Motion to Dismiss was granted. Following the dismissal, appeals were filed by the plaintiffs and are pending.

At this time, the portfolios cannot predict the outcome of these proceedings. If the proceeding were to be decided in a manner adverse to the portfolios or if the portfolios enter into a settlement agreement with the plaintiffs, depending upon the circumstances, the payment of such judgement or settlement could have an adverse effect on the portfolios' net asset value.

John Hancock Variable Insurance Trust

Evaluation of Advisory and Subadvisory Agreements by the Board of Trustees

This section describes the evaluation by the Board of Trustees (the Board) of John Hancock Variable Insurance Trust (the Trust) of the Advisory Agreement (the Advisory Agreement) and each Subadvisory Agreement and Sub-Subadvisory Agreement (collectively, the Subadvisory Agreements) with respect to each of the portfolios of the Trust included in this report except those otherwise noted below (the Funds). The Advisory and Subadvisory Agreements are collectively referred to as the Agreements. Prior to the June 26 - 29, 2023 meeting at which the Agreements were approved, the Board also discussed and considered information regarding the proposed continuation of the Agreements at a meeting held on May 30 - June 1, 2023. The Board also receives information relating to the proposed continuation of the agreements noted above throughout the year on an on-going basis. The Trustees who are not “interested persons” of the Trust as defined by the Investment Company Act of 1940, as amended (the “1940 Act”) (the “Independent Trustees”) also met separately to evaluate and discuss the information presented, including with counsel to the Independent Trustees and a third-party consulting firm.

The following Funds are feeder funds, which invest all of their assets in master funds: American Asset Allocation Trust, American Global Growth Trust, American Growth Trust, American Growth-Income Trust and American International Trust. These Funds do not pay an advisory fee at the Fund level and do not have advisory agreements.

Approval of Advisory and Subadvisory Agreements

At meetings held on June 26 - 29, 2023, the Board, including the Independent Trustees, reapproved for an annual period, the continuation of the Advisory Agreement between the Trust and the Advisor and the applicable Subadvisory Agreements between the Advisor and the sub-advisors (and sub-subadvisors) (each, a Subadvisor and collectively, the Subadvisors) with respect to each of the Funds in this report, except as noted above.

In considering the Advisory Agreement and the Subadvisory Agreements with respect to each Fund, the Board received in advance of the meetings a variety of materials relating to each Fund, the Advisor and each Subadvisor, including comparative performance, fee and expense information for peer groups of similar funds prepared by an independent third-party provider of fund data; performance information for the Funds’ benchmark indices; and, with respect to each Subadvisor, comparative performance information for comparably managed accounts, as applicable; and other information provided by the Advisor and the Subadvisors regarding the nature, extent and quality of services provided by the Advisor and the Subadvisors under their respective Agreements, as well as information regarding the Advisor’s revenues and costs of providing services to the Funds and any compensation paid to affiliates of the Advisor. At the meetings at which the renewal of the Advisory Agreement and Subadvisory Agreements are considered, particular focus is given to information concerning Fund performance, comparability of fees and total expenses, and profitability. However, the Board noted that the evaluation process with respect to the Advisor and the Subadvisors is an ongoing one. In this regard, the Board also took into account discussions with management and information provided to the Board (including its various committees) at prior meetings with respect to the services provided by the Advisor and the Subadvisors to the Funds, including quarterly performance reports prepared by management containing reviews of investment results, and periodic presentations from the Subadvisors with respect to the Funds they manage. The information received and considered by the Board both in conjunction with the May and June meetings and throughout the year was both written and oral. The Board noted the affiliation of certain of the Subadvisors with the Advisor, noting any potential conflicts of interest. The Board also considered the nature, quality, and extent of the non-advisory services, if any, to be provided to the Funds by the Advisor’s affiliates, including distribution services. The Board considered the Advisory Agreement and the Subadvisory Agreements separately in the course of its review. In doing so, the Board noted the respective roles of the Advisor and the Subadvisors in providing services to the Funds. In addition, although the Board approved the renewal of the Agreements for all of the Funds at the June meeting, the Board considered each Fund separately.

Throughout the process, the Board asked questions of and requested additional information from management. The Board is assisted by counsel for the Trust and the Independent Trustees are also separately assisted by independent legal counsel throughout the process. The Independent Trustees also received a memorandum from their independent counsel discussing the legal standards for their consideration of the proposed continuation of the Agreements and discussed the proposed continuation of the Agreements in private sessions with their independent legal counsel at which no representatives of management were present.

Approval of Advisory Agreement

In approving the Advisory Agreement with respect to each Fund, the Board, including the Independent Trustees, considered a variety of factors, including those discussed below. The Board also considered other factors (including conditions and trends prevailing generally in the economy, the securities markets and the industry) and did not treat any single factor as determinative, and each Trustee may have attributed different weights to different factors. The Board’s conclusions may be based in part on its consideration of the advisory and subadvisory arrangements in prior years and on the Board’s ongoing regular review of Fund performance and operations throughout the year.

Nature, extent, and quality of services. Among the information received by the Board from the Advisor relating to the nature, extent, and quality of services provided to the Funds, the Board reviewed information provided by the Advisor relating to its operations and personnel, descriptions of its organizational and management structure, and information regarding the Advisor’s compliance and regulatory history, including its Form ADV. The Board also noted that on a regular basis it receives and reviews information from the Trust’s Chief Compliance Officer (CCO) regarding the Funds’ compliance policies and procedures established pursuant to Rule 38a-1 under the 1940 Act. The Board observed that the scope of services provided by the Advisor, and of the undertakings required of the Advisor in connection with those services, including maintaining and monitoring its own and the Fund’s compliance programs, risk management programs, liquidity management programs and cybersecurity programs, had expanded over time as a result of regulatory, market and other developments. The Board considered that the Advisor is responsible for the management of the day-to-day operations of the Funds, including but not limited to, general supervision of and coordination of the services provided by the Subadvisors, and is also responsible for monitoring and reviewing the activities of the Subadvisors and other third-party service providers. The Board also considered the significant risks assumed by the Advisor in connection with the services provided to the Funds including entrepreneurial risk in sponsoring new Funds and ongoing risks including investment, operational, enterprise, litigation, regulatory and compliance risks with respect to all Funds.

In considering the nature, extent, and quality of the services provided by the Advisor, the Trustees also took into account their knowledge of the Advisor’s management and the quality of the performance of the Advisor’s duties, through Board meetings, discussions and reports during the preceding year and through each Trustee’s experience as a Trustee of the Trust and of the other trusts in the complex.

In the course of their deliberations regarding the Advisory Agreement, the Board considered, among other things:

- (a) the skills and competency with which the Advisor has in the past managed the Trust’s affairs and its subadvisory relationships, the Advisor’s oversight and monitoring of the Subadvisors’ investment performance and compliance programs, such as the Subadvisors’ compliance with fund policies and objectives, review of brokerage matters including with respect to trade allocation and best execution, and the Advisor’s timeliness in responding to performance issues;
- (b) the background, qualifications and skills of the Advisor’s personnel;
- (c) the Advisor’s compliance policies and procedures and its responsiveness to regulatory changes and fund industry developments;

John Hancock Variable Insurance Trust

Evaluation of Advisory and Subadvisory Agreements by the Board of Trustees

(d) the Advisor's administrative capabilities, including its ability to supervise the other service providers for the Funds, as well as the Advisor's oversight of any securities lending activity, its monitoring of class action litigation and collection of class action settlements on behalf of the Funds, and bringing loss recovery actions on behalf of the Funds;

(e) the financial condition of the Advisor and whether it has the financial wherewithal to provide a high level and quality of services to the Funds;

(f) the Advisor's initiatives intended to improve various aspects of the Trust's operations and investor experience with the Funds; and

(g) the Advisor's reputation and experience in serving as an investment advisor to the Trust and the benefit to contract holders of investing in funds that are part of a family of variable insurance portfolios offering a variety of investments.

The Board concluded that the Advisor may reasonably be expected to continue to provide a high quality of services under the Advisory Agreement with respect to the Funds.

Investment performance. In considering each Fund's performance, the Board noted that it reviews at its regularly scheduled meetings information about the Funds' performance results. In connection with the consideration of the Advisory Agreement, the Board:

(a) reviewed information prepared by management regarding the Funds' performance;

(b) considered the comparative performance of each Fund's respective benchmark;

(c) considered the performance of comparable funds, if any, as included in the report prepared by an independent third-party provider of fund data; and

(d) took into account the Advisor's analysis of each Fund's performance and its plans and recommendations regarding the Trust's subadvisory arrangements generally and with respect to particular Funds.

The Board noted that while it found the data provided by the independent third-party generally useful it recognized its limitations, including in particular that the data may vary depending on the end date selected and that the results of the performance comparisons may vary depending on the selection of the peer group. The Board concluded that the performance of each of the Funds has generally been in line with or generally outperformed the historical performance of comparable funds based on the median percentile and/or the Fund's respective benchmark, with certain exceptions noted in Appendix A. In such cases, the Board considered steps the Advisor had taken or plans to take to address performance and concluded that such performance is being monitored and reasonably being addressed.

Fees and expenses. The Board reviewed comparative information prepared by an independent third-party provider of fund data including, among other data, each Fund's contractual and net management fees (and subadvisory fees, to the extent available) and total expenses as compared to similarly situated investment companies deemed to be comparable to the Fund in light of the nature, extent and quality of the management and subadvisory services provided by the Advisor and the Subadvisors. The Board considered each Fund's ranking within a smaller group of peer funds chosen by the independent third-party provider, as well as the Fund's ranking within broader groups of funds. In comparing each Fund's contractual and net management fees to that of comparable funds, the Board noted that such fee includes both advisory and administrative costs.

The Board took into account management's discussion with respect to the overall management fee, the fees of each Subadvisor, including the amount of the advisory fee retained by the Advisor after payment of the subadvisory fees, in each case in light of the services rendered for those amounts and the risks undertaken by the Advisor. The Board also noted that, in addition, the Advisor is currently waiving fees and/or reimbursing expenses with respect to certain of the Funds. The Board also noted that the Advisor pays the subadvisory fees of

the Funds, and that such fees are negotiated at arm's length with respect to unaffiliated Subadvisors. In addition, the Board noted that the Advisor continued advisory and subadvisory fee reductions in the past year with respect to several Funds. The Board also took into account that management had agreed to implement an overall fee waiver across the complex, which is discussed further below. The Board also noted management's discussion of the Funds' expenses, as well as certain actions taken over the past several years to reduce the Funds' operating expenses. The Board reviewed information provided by the Advisor concerning investment advisory fees charged to other clients (including other funds in the complex) having similar investment mandates, if any. The Board considered any differences between the Advisor's and Subadvisor's services to a Fund and the services they provide to other such comparable clients or funds. The Board concluded that the advisory fee paid with respect to each of the Funds is reasonable in light of the nature, extent and quality of the services provided to the Funds under the Advisory Agreement.

In addition, in the case of each Lifestyle Portfolio (each a Fund of Funds), the Trustees reviewed the advisory fee to be paid to the Advisor for each Fund of Funds and noted that the Advisor has evaluated the complexity of the structure and fees and expenses associated with the Funds of Funds' investments in the underlying portfolios, and made a finding that the Funds of Funds' expenses do not duplicate the fees and expenses of the underlying portfolios.

Profitability/Fall out benefits. In considering the costs of the services to be provided and the profits to be realized by the Advisor and its affiliates (including the Subadvisors that are affiliated with the Advisor) from the Advisor's relationship with the Trust, the Board:

(a) reviewed financial information of the Advisor;

(b) reviewed and considered (i) information presented by the Advisor regarding the net profitability to the Advisor and its affiliates, of each Fund; and (ii) the representation by the John Hancock insurance companies in registration statements for registered variable insurance contracts using the Funds as investment options in registered separate accounts, that the fees and charges deducted under their variable insurance contracts (including the fees and expenses of the Trust), in the aggregate, are reasonable in relation to the services rendered, the expenses expected to be incurred and the risks assumed by such companies;

(c) received and reviewed profitability information with respect to the John Hancock fund complex as a whole and with respect to each Fund;

(d) received information with respect to the Advisor's allocation methodologies used in preparing the profitability data and considered that the Advisor hired an independent third-party consultant to provide an analysis of the Advisor's allocation methodologies;

(e) considered fall out benefits to the Advisor, including (but not limited to), benefits to affiliates, such as that the John Hancock insurance companies that are affiliates of the Advisor, as shareholders of the Trust directly or through their separate accounts, receive certain tax credits or deductions relating to foreign taxes paid and dividends received by certain Funds of the Trust and noted that these tax benefits, which are not available to contract holders under applicable income tax law, are reflected in the profitability analysis reviewed by the Board;

(f) considered that the Advisor also provides administrative services to the Funds on a cost basis pursuant to an administrative services agreement;

(g) noted that certain of the Funds' Subadvisors are affiliates of the Advisor;

(h) noted that affiliates of the Advisor provide distribution services to the Funds, and that the Trust's distributor also receives Rule 12b-1 payments to support distribution of the products;

(i) noted that the Advisor also derives reputational and other indirect benefits from providing advisory services to the Funds;

John Hancock Variable Insurance Trust

Evaluation of Advisory and Subadvisory Agreements by the Board of Trustees

(j) noted that the subadvisory fees for the Funds are paid by the Advisor and are negotiated at arm's length with respect to the unaffiliated Subadvisors;

(k) with respect to each Fund of Funds, the Board noted that the advisory fee is in addition to the fees received by the Advisor and its affiliates with regard to the underlying portfolios in which the Funds may invest;

(l) considered the Advisor's ongoing costs and expenditures necessary to improve services, meet new regulatory and compliance requirements, and adapt to other challenges impacting the fund industry; and

(m) considered that the Advisor should be entitled to earn a reasonable level of profits in exchange for the level of services it provides to each Fund and the risks that it assumes as Advisor, including entrepreneurial, operational, reputational, litigation and regulatory risk.

Based upon its review, the Board concluded that the level of profitability, if any, of the Advisor and its affiliates (including any Subadvisors that are affiliated with the Advisor), from their relationship with each Fund was reasonable and not excessive.

Economies of scale. In considering the extent to which economies of scale would be realized as a Fund grows and whether fee levels reflect these economies of scale for the benefit of Fund shareholders, the Board:

(a) with respect to each Fund (except those discussed specifically below), considered that the Advisor has agreed to waive a portion of its management fee for such Fund and for each of the other John Hancock funds in the complex (except as discussed below) (the Participating Portfolios) or otherwise reimburse the expenses of the Participating Portfolios (the Reimbursement). This waiver is based on the aggregate net assets of all the Participating Portfolios. The Board also noted that the Advisor had implemented additional breakpoints to the complex-wide fee waiver in recent years; (The Funds that are not Participating Portfolios as of the date of this annual report are each of the funds of funds of the Trust and John Hancock Funds II and John Hancock Collateral Trust. These funds of funds also benefit from such overall management fee waiver through their investment in underlying portfolios that include certain of the Participating Portfolios, which are subject to the Reimbursement.)

(b) reviewed the Trust's advisory fee structure and the incorporation therein of any subadvisory fee breakpoints in the advisory fees charged and concluded that (i) most of the Funds' fee structures contain breakpoints at the subadvisory fee level and that such breakpoints are reflected as breakpoints in the advisory fees for Funds and (ii) although economies of scale cannot be measured with precision, these arrangements permit shareholders of Funds with advisory fee breakpoints to benefit from economies of scale if those Funds grow. The Board also took into account management's discussion of the Funds' advisory fee structure, including with respect to those Funds that did not currently have breakpoints; and

(c) the Board also considered the effect of the Funds' growth in size on their performance and fees. The Board also noted that if the Funds' assets increase over time, the Funds may realize other economies of scale.

Approval of Subadvisory Agreements

In making its determination with respect to approval of the Subadvisory Agreements, the Board reviewed:

- (1) information relating to the Subadvisor's business, including current subadvisory services to the Trust (and other funds in the John Hancock group of funds);
- (2) the historical and current performance of the fund and comparative performance information relating to the Fund's benchmark and comparable funds based on the median percentile;
- (3) the subadvisory fee for each Fund, including any breakpoints, and comparative fee information, where available, prepared by an independent third-party provider of fund data; and

- (4) information relating to the nature and scope of any material relationships and their significance to the Trust's Advisor and Subadvisors.

Nature, extent, and quality of services. With respect to the services provided by each of the Subadvisors with respect to each Fund, the Board received information provided to the Board by each Subadvisor, including each Subadvisor's Form ADV, as well as took into account information presented throughout the past year. The Board considered each Subadvisor's current level of staffing and its overall resources, as well as received information relating to a Subadvisor's compensation program. The Board reviewed each Subadvisor's history and investment experience, as well as information regarding the qualifications, background and responsibilities of the Subadvisor's investment and compliance personnel who provide services to the Funds. The Board also considered, among other things, the Subadvisor's compliance program and any disciplinary history. The Board also considered the Subadvisor's risk assessment and monitoring process. The Board reviewed each Subadvisor's regulatory history, including whether it was currently involved in any regulatory actions or investigations as well as material litigation, and any settlements and amelioratory actions undertaken, as appropriate. The Board noted that the Advisor conducts regular, periodic reviews of each Subadvisor and its operations, including regarding investment processes and organizational and staffing matters. The Board also noted that the CCO and his staff conduct regular, periodic compliance reviews with each of the Subadvisors and present reports to the Independent Trustees regarding the same, which includes evaluating the regulatory compliance systems of the Subadvisors and procedures reasonably designed by them to assure compliance with the federal securities laws. The Board also took into account the financial condition of each Subadvisor.

The Board considered each Subadvisor's investment process and philosophy. The Board took into account that each Subadvisor's responsibilities include the development and maintenance of an investment program for the applicable Fund which is consistent with the Fund's investment objectives, the selection of investment securities and the placement of orders for the purchase and sale of such securities, as well as the implementation of compliance controls related to performance of these services. The Board also received information with respect to each Subadvisor's brokerage policies and practices, including with respect to best execution and soft dollars.

Subadvisor compensation. In considering the cost of services to be provided by each Subadvisor and the profitability to that Subadvisor of its relationship with the Fund, the Board noted that the fees under the Subadvisory Agreements are paid by the Advisor and not the Funds. The Board also relied on the ability of the Advisor to negotiate each Subadvisory Agreement with Subadvisors that are not affiliated with the Advisor and the fees thereunder at arm's length. As a result, the costs of the services to be provided and the profits to be realized by unaffiliated Subadvisors from their relationship with the Trust were not a material factor in the Board's consideration of the Subadvisory Agreements.

The Board also received information regarding the nature and scope (including their significance to the Advisor and its affiliates and to unaffiliated Subadvisors) of any material relationships with respect to the unaffiliated Subadvisors, which include arrangements in which unaffiliated Subadvisors or their affiliates provide advisory, distribution or management services in connection with financial products sponsored by the Trust's Advisor or its affiliates, and may include shares of the Trust, other registered investment companies, a 529 education savings plan, managed separate accounts and exempt group annuity contracts sold to qualified plans. The Board also received information and took into account any other potential conflicts of interests the Advisor might have in connection with the Subadvisory Agreements.

In addition, the Board considered other potential indirect benefits that the Subadvisors and their affiliates may receive from the Subadvisor's relationship with the Fund, such as the opportunity to provide advisory services to additional portfolios of the Trusts and reputational benefits.

Subadvisory fees. The Board considered that the Fund pays an advisory fee to the Advisor and that, in turn, the Advisor pays a subadvisory fee to each

John Hancock Variable Insurance Trust

Evaluation of Advisory and Subadvisory Agreements by the Board of Trustees

Subadvisor. As noted above, the Board also considered, if available, each Fund's sub-advisory fees as compared to similarly situated investment companies deemed to be comparable to the Fund as included in the report prepared by the independent third party provider of fund data. The Board also took into account the sub-advisory fees paid by the Advisor to fees charged by each Fund's Subadvisor to manage other sub-advised portfolios and portfolios not subject to regulation under the 1940 Act, as applicable.

Subadvisor performance. As noted above, the Board considered each Fund's performance as compared to the Fund's respective peer group based on the median percentile and benchmark and noted that the Board reviews information about the Fund's performance results at its regularly scheduled meetings. The Board noted the Advisor's expertise and resources in monitoring the performance, investment style, and risk-adjusted performance of each Subadvisor. The Board was mindful of the Advisor's focus on each Subadvisor's performance. The Board also noted each Subadvisor's long-term performance record for similar accounts, as applicable.

The Board's decision to approve the Subadvisory Agreement with respect to each Fund was based on a number of determinations, including the following:

- (1) Each Subadvisor has extensive experience and demonstrated skills as a manager;
- (2) Although not without variation, the performance of each Fund managed by a Subadvisor generally has been in line with or outperformed the historical performance of comparable funds and the Fund's respective benchmarks based on the median percentile, with the exceptions noted in Appendix A (with respect to such exceptions, the Board considered the steps the Subadvisor had taken or plans to take to address performance and concluded that performance is being monitored and reasonably being addressed);

- (3) The subadvisory fees are reasonable in relation to the level and quality of services being provided under the Subadvisory Agreement; and
- (4) With respect to those Funds that have subadvisory fees that contain breakpoints, certain breakpoints are reflected as breakpoints in the advisory fees for the Funds in order to permit shareholders to benefit from economies of scale if those Funds grow.

In addition, in the case of each Fund of Funds, the Trustees reviewed the subadvisory fee to be paid to the Subadvisor for the Fund of Funds and concluded that the subadvisory fee to be paid to the Subadvisor with respect to each Fund of Funds is based on services provided that are in addition to, rather than duplicative of, the services provided pursuant to the advisory agreements and subadvisory agreements for the underlying portfolios of the Fund of Funds and that the additional services are necessary because of the differences between the investment policies, strategies and techniques of a Fund of Funds and those of its underlying portfolios.

Additional information relating to each Fund's fees and expenses and performance that the Board considered in approving the Advisory Agreement and Subadvisory Agreement for a particular Fund is set forth in Appendix A.

Based on their evaluation of all factors that they deemed to be material, including those factors described above, the Board, including the Independent Trustees, concluded that renewal of the Advisory Agreement and each of the Subadvisory Agreements with respect to each Fund would be in the best interest of each of the respective Funds and its shareholders. Accordingly, the Board, and the Independent Trustees voting separately, approved the Advisory Agreement and Subadvisory Agreement with respect to each Fund for an additional one-year period.

John Hancock Variable Insurance Trust

Appendix A

Portfolio (Subadviser)	Performance as of 12.31.2022	Fees and Expenses	Comments
<p>500 Index Trust (Manulife Investment Management (North America) Limited)</p>	<p>Benchmark Index – The Trust underperformed the benchmark index for the one-, three-, five- and ten-year periods.</p> <p>Broadridge Category – The Trust underperformed the peer group median for the one-year period and outperformed the peer group median for the three-, five- and ten-year periods.</p>	<p>The subadviser fees for this Trust are equal to the peer group median.</p> <p>Net management fees for this Trust are higher than the peer group median.</p> <p>Net total expenses for this Trust are lower than the peer group median.</p>	<p>The Board took into account management’s discussion of the Trust’s performance relative to the benchmark index for the one-, three-, five- and ten-year periods and to the peer group median for the one-year period.</p> <p>The Board noted the Trust’s favorable performance relative to the peer group median for the three-, five- and ten-year periods.</p> <p>The Board also noted the Trust’s low performance dispersion relative to its benchmark index.</p> <p>The Board took into account management’s discussion of the Trust’s expenses. The Board noted the Trust’s net total expenses are lower than the peer group median.</p>
<p>Blue Chip Growth Trust (T. Rowe Price Associates, Inc.)</p>	<p>Benchmark Index – The Trust underperformed the benchmark index for the one-, three-, five- and ten-year periods.</p> <p>Broadridge Category – The Trust underperformed the peer group median for the one-, three-, five- and ten-year periods.</p>	<p>The subadviser fees for this Trust are higher than the peer group median.</p> <p>Net management fees for this Trust are higher than the peer group median.</p> <p>Net total expenses for this Trust are lower than the peer group median.</p>	<p>The Board took into account management’s discussion of the factors that contributed to the Trust’s performance for the one-, three-, five- and ten-year periods relative to the benchmark index and to the peer group median including the impact of past and current market conditions on the Trust’s strategy and management’s plans for the Trust.</p> <p>The Board noted that the Trust outperformed its Morningstar peer group and benchmark index for the year-to-date period ended May 31, 2023.</p> <p>The Board took into account management’s discussion of the Trust’s expenses. The Board noted the Trust’s net total expenses are lower than the peer group median.</p>

John Hancock Variable Insurance Trust

Appendix A

Portfolio (Subadviser)	Performance as of 12.31.2022	Fees and Expenses	Comments
Capital Appreciation Trust (Jennison Associates LLC)	<p>Benchmark Index – The Trust underperformed the benchmark index for the one-, three-, five- and ten-year periods.</p> <p>Broadridge Category – The Trust underperformed the peer group median for the one-, three- and five-year periods and outperformed the peer group median for the ten-year period.</p>	<p>The subadviser fees for this Trust are lower than the peer group median.</p> <p>Net management fees for this Trust are higher than the peer group median.</p> <p>Net total expenses for this Trust are lower than the peer group median.</p>	<p>The Board took into account management's discussion of the factors that contributed to the Trust's performance for the one-, three-, five- and ten-year periods relative to the benchmark index and for the one-, three- and five-year periods relative to the peer group median including the impact of past and current market conditions on the Fund's strategy and management's outlook for the Trust.</p> <p>The Board noted the Trust's favorable performance relative to the peer group median for the ten-year period.</p> <p>The Board noted that the Trust outperformed its Morningstar peer group and benchmark Index for the year-to-date period ended May 31, 2023.</p> <p>The Board took into account management's discussion of the Trust's expenses. The Board noted the Trust's net total expenses are lower than the peer group median.</p>
Capital Appreciation Value Trust (T. Rowe Price Associates, Inc.)	<p>Benchmark Index – The Trust outperformed the benchmark index for the one-, three-, five- and ten-year periods.</p> <p>Broadridge Category – The Trust outperformed the peer group median for the one-, three-, five- and ten-year periods.</p>	<p>Subadviser fee comparative data not provided due to limited size of Broadridge peer group for this purpose.</p> <p>Net management fees for this Trust are higher than the peer group median.</p> <p>Net total expenses for this Trust are higher than the peer group median.</p>	<p>The Board noted the Trust's favorable performance relative to the benchmark index and to the peer group median for the one-, three-, five- and ten-year periods.</p> <p>The Board took into account management's discussion of the Trust's expenses.</p>
Disciplined Value International Trust (Boston Partners Global Investors, Inc.)	<p>Benchmark Index – The Trust outperformed the benchmark index for the one- and three-year periods and underperformed the benchmark index for the five- and ten-year periods.</p> <p>Broadridge Category – The Trust outperformed the peer group median for the one-, three-, five- and ten-year periods.</p>	<p>The subadviser fees for this Trust are higher than the peer group median.</p> <p>Net management fees for this Trust are higher than the peer group median.</p> <p>Net total expenses for this Trust are lower than the peer group median.</p>	<p>The Board took into account management's discussion of the Trust's performance relative to the benchmark index for the five- and ten-year periods.</p> <p>The Board noted the Trust's favorable performance relative to the benchmark index for the one- and three-year periods and the peer group median for the one-, three-, five- and ten-year periods.</p> <p>The Board took into account management's discussion of the Trust's expenses. The Board noted the Trust's net total expenses are lower than the peer group median.</p>

John Hancock Variable Insurance Trust

Appendix A

Portfolio (Subadviser)	Performance as of 12.31.2022	Fees and Expenses	Comments
Emerging Markets Value Trust (Dimensional Fund Advisors LP)	<p>Benchmark Index – The Trust outperformed the benchmark index for the one-, three- and five-year periods and underperformed for the ten-year period.</p> <p>Broadridge Category – The Trust outperformed the peer group median for the one-, three-, five- and ten-year periods.</p>	<p>The subadviser fees for this Trust are lower than the peer group median.</p> <p>Net management fees for this Trust are lower than the peer group median.</p> <p>Net total expenses for this Trust are equal to the peer group median.</p>	<p>The Board took into account management's discussion of the Trust's performance relative to the benchmark index for the ten-year periods.</p> <p>The Board noted the Trust's favorable performance relative to the benchmark index for the one-, three- and five-year periods and to the peer group median for the one-, three-, five- and ten-year periods.</p> <p>The Board noted the Trust's net management fees are lower than the peer group median and the net total expenses are equal to the peer group median.</p>
Equity Income Trust (T. Rowe Price Associates, Inc.)	<p>Benchmark Index – The Trust outperformed the benchmark index for the one-, three- and five-year periods and underperformed the benchmark index for the ten-year period.</p> <p>Broadridge Category – The Trust outperformed the peer group median for the one-year period and underperformed the peer group median for the three-, five- and ten-year periods.</p>	<p>The subadviser fees for this Trust are higher than the peer group median.</p> <p>Net management fees for this Trust are higher than the peer group median.</p> <p>Net total expenses for this Trust are lower than the peer group median.</p>	<p>The Board took into account management's discussion of the Trust's performance relative to the benchmark index for the ten-year period and to the peer group median for the three-, five- and ten-year periods.</p> <p>The Board noted the Trust's favorable performance relative to the benchmark index for the one-, three- and five-year periods and to the peer group median for the one-year period.</p> <p>The Board took into account management's discussion of the Trust's expenses. The Board noted the Trust's net total expenses are lower than the peer group median.</p>
Financial Industries Trust (Manulife Investment Management US) LLC)	<p>Benchmark Index – The Trust underperformed the benchmark index for the one-, three-, five- and ten-year periods.</p> <p>Broadridge Category – The Trust outperformed the peer group median for the one-, three- and five-year periods and underperformed the peer group median for the ten-year period.</p>	<p>Subadviser fee comparative data not provided due to limited size of Broadridge peer group for this purpose.</p> <p>Net management fees for this Trust are higher than the peer group median.</p> <p>Net total expenses for this Trust are higher than the peer group median.</p>	<p>The Board took into account management's discussion of the Trust's performance relative to the benchmark index for the one-, three-, five- and ten-year periods and to the peer group median for the ten-year period.</p> <p>The Board noted the Trust's favorable performance relative to the peer group median for the one-, three- and five-year periods.</p> <p>The Board took into account management's discussion of the Trust's expenses.</p>

John Hancock Variable Insurance Trust

Appendix A

Portfolio (Subadviser)	Performance as of 12.31.2022	Fees and Expenses	Comments
<p>Fundamental All Cap Core Trust (Manulife Investment Management (US) LLC)</p>	<p>Benchmark Index – The Trust underperformed the benchmark index for the one- and five-year periods and outperformed the benchmark index for the three- and ten-year periods.</p> <p>Broadridge Category – The Trust outperformed the peer group median for the one-, three- and ten-year periods and underperformed the peer group median for the five-year period.</p>	<p>The subadviser fees for this Trust are equal to the peer group median.</p> <p>Net management fees for this Trust are higher than the peer group median.</p> <p>Net total expenses for this Trust are lower than the peer group median.</p>	<p>The Board took into account management's discussion of the Trust's performance relative to the benchmark index for the one- and five-year periods and to the peer group median for the five-year period.</p> <p>The Board noted the Trust's favorable performance relative to the benchmark index for the three- and ten-year periods and to the peer group median for the one-, three- and ten-year periods.</p> <p>The Board took into account management's discussion of the Trust's expenses. The Board noted the Trust's net total expenses are lower than the peer group median.</p>
<p>Fundamental Large Cap Value Trust (Manulife Investment Management (US) LLC)</p>	<p>Benchmark Index – The Trust underperformed the benchmark index for the one-year period and outperformed the benchmark index for the three-, five- and ten-year periods.</p> <p>Broadridge Category – The Trust underperformed the peer group median for the one-year period and outperformed the peer group median for the three-, five- and ten-year periods.</p>	<p>Subadviser fee comparative data not provided due to limited size of Broadridge peer group for this purpose.</p> <p>Net management fees for this Trust are higher than the peer group median.</p> <p>Net total expenses for this Trust are lower than the peer group median.</p>	<p>The Board took into account management's discussion of the Trust's performance relative to the benchmark index and to the peer group median for the one-year periods.</p> <p>The Board noted the Trust's favorable performance relative to the benchmark index and to the peer group for the three-, five- and ten-year periods.</p> <p>The Board took into account management's discussion of the Trust's expenses. The Board noted the Trust's net total expenses are lower than the peer group median.</p>

John Hancock Variable Insurance Trust

Appendix A

Portfolio (Subadviser)	Performance as of 12.31.2022	Fees and Expenses	Comments
<p>Global Equity Trust (Manulife Investment Management (US) LLC)</p>	<p>Benchmark Index – The Trust outperformed the benchmark index for the one-year period and underperformed the benchmark index for the three-, five- and ten-year periods.</p> <p>Broadridge Category – The Trust underperformed the peer group median for the one-, three-, five- and ten-year periods.</p>	<p>Subadviser fee comparative data not provided due to limited size of Broadridge peer group for this purpose.</p> <p>Net management fees for this Trust are higher than the peer group median.</p> <p>Net total expenses for this Trust are lower than the peer group median.</p>	<p>The Board took into account management’s discussion of the Trust’s performance relative to the benchmark index for the three-, five- and ten-year periods and for the one-, three-, five- and ten-year periods relative to the peer group median including the impact of past and current market conditions on the Trust’s strategy and management’s outlook for the Trust.</p> <p>The Board noted the Trust’s favorable performance relative to the benchmark index for the one-year period.</p> <p>The Board noted that the Trust outperformed its Morningstar peer group for the year-to-date period ended May 31, 2023.</p> <p>The Board took into account management’s discussion of the Trust’s expenses. The Board noted the Trust’s net total expenses are lower than the peer group median.</p>
<p>Health Sciences Trust (T. Rowe Price Associates, Inc.)</p>	<p>Benchmark Index – The Trust underperformed the benchmark index for the one-year period and outperformed the benchmark index for the three-, five- and ten-year periods.</p> <p>Broadridge Category – The Trust underperformed the peer group median for the one-, three- and five-year periods and outperformed the peer group median for the ten-year period.</p>	<p>Subadviser fee comparative data not provided due to limited size of Broadridge peer group for this purpose.</p> <p>Net management fees for this Trust are higher than the peer group median.</p> <p>Net total expenses for this Trust are lower than the peer group median.</p>	<p>The Board took into account management’s discussion of the Trust’s performance relative to the benchmark index for the one-year periods and to the peer group median for the one-, three- and five-year periods.</p> <p>The Board noted the Trust’s favorable performance relative to the benchmark index for the three-, five- and ten-year periods and to the peer group median for the ten-year period.</p> <p>The Board took into account management’s discussion of the Trust’s expenses. The Board noted the Trust’s net total expenses are lower than the peer group median.</p>

John Hancock Variable Insurance Trust

Appendix A

Portfolio (Subadviser)	Performance as of 12.31.2022	Fees and Expenses	Comments
International Equity Index Trust (SSGA Funds Management, Inc.)	<p>Benchmark Index – The Trust underperformed the benchmark index for the one-, three-, five- and ten-year periods.</p> <p>Broadridge Category – The Trust underperformed the peer group median for the one-, three-, five- and ten-year periods.</p>	<p>The subadviser fees for this Trust are higher than the peer group median.</p> <p>Net management fees for this Trust are higher than the peer group median.</p> <p>Net total expenses for this Trust are lower than the peer group median.</p>	<p>The Board took into account management's discussion of the factors that contributed to the Trust's performance for the one-, three-, five- and ten-year periods relative to the benchmark index and to the peer group median.</p> <p>The Board also noted the Trust's low performance dispersion relative to its benchmark index.</p> <p>The Board took into account management's discussion of the Trust's expenses. The Board noted the Trust's net total expenses are lower than the peer group median.</p>
International Small Company Trust (Dimensional Fund Advisors LP)	<p>Benchmark Index – The Trust outperformed the benchmark index for the one- and three-year periods and underperformed the benchmark index for the five- and ten-year periods.</p> <p>Broadridge Category – The Trust underperformed the peer group median for the one-, three-, five- and ten-year periods.</p>	<p>The subadviser fees for this Trust are lower than the peer group median.</p> <p>Net management fees for this Trust are higher than the peer group median.</p> <p>Net total expenses for this Trust are lower than the peer group median.</p>	<p>The Board took into account management's discussion of the factors that contributed to the Trust's performance for the five- and ten-year periods relative to the benchmark index and for the one-, three-, five- and ten-year periods relative to the peer group median including the impact of past and current market conditions on the Fund's strategy and management's outlook for the Trust.</p> <p>The Board noted the Trust's favorable performance relative to the benchmark index for the one- and three-year periods.</p> <p>The Board noted that the Trust outperformed its benchmark index for the year-to-date period ended May 31, 2023.</p> <p>The Board took into account management's discussion of the Trust's expenses. The Board noted the Trust's net total expenses are lower than the peer group median.</p>

John Hancock Variable Insurance Trust

Appendix A

Portfolio (Subadviser)	Performance as of 12.31.2022	Fees and Expenses	Comments
Lifestyle Balanced Portfolio (Manulife Investment Management (US) LLC)	<p>Benchmark Index – The Trust underperformed the benchmark index for the one-, three-, five- and ten-year periods.</p> <p>Broadridge Category – The Trust underperformed the peer group median for the one-year period and outperformed the peer group median for the three-, five- and ten-year periods.</p>	<p>Subadviser fee comparative data not provided due to limited size of Broadridge peer group for this purpose.</p> <p>Net management fees for this Trust are lower than the peer group median.</p> <p>Net total expenses for this Trust are lower than the peer group median.</p>	<p>The Board took into account management's discussion of the Trust's performance relative to the benchmark index for the one-, three-, five- and ten-year periods and to the peer group median for the one-year period.</p> <p>The Board noted the Trust's favorable performance relative to the peer group median for the three-, five- and ten-year periods.</p> <p>The Board noted the Trust's net management fees and net total expenses are lower than the peer group median.</p>
Lifestyle Conservative Portfolio (Manulife Investment Management (US) LLC)	<p>Benchmark Index – The Trust underperformed the benchmark index for the one-, three-, five- and ten-year periods.</p> <p>Broadridge Category – The Trust underperformed the peer group median for the one-, three-, five- and ten-year periods.</p>	<p>Subadviser fee comparative data not provided due to limited size of Broadridge peer group for this purpose.</p> <p>Net management fees for this Trust are lower than the peer group median.</p> <p>Net total expenses for this Trust are lower than the peer group median.</p>	<p>The Board took into account management's discussion of the factors that contributed to the Trust's performance for the one, three-, five- and ten-year periods relative to the benchmark index and to the peer group median including the impact of past and current market conditions on the Fund's strategy and management's outlook for the Trust.</p> <p>The Board noted that the Trust outperformed its Morningstar peer group for the year-to-date period ended May 31, 2023.</p> <p>The Board noted the Trust's net management fees and net total expenses are lower than the peer group median.</p>
Lifestyle Growth Portfolio (Manulife Investment Management (US) LLC)	<p>Benchmark Index – The Trust outperformed the benchmark index for the one-year period and underperformed the benchmark index for the three-, five- and ten-year periods.</p> <p>Broadridge Category – The Trust underperformed the peer group median for the one-year period and outperformed the peer group median for the three-, five- and ten-year periods.</p>	<p>Subadviser fee comparative data not provided due to limited size of Broadridge peer group for this purpose.</p> <p>Net management fees for this Trust are lower than the peer group median.</p> <p>Net total expenses for this Trust are equal to the peer group median.</p>	<p>The Board took into account management's discussion of the Trust's performance relative to the benchmark index for the three-, five- and ten-year periods and to the peer group median for the one-year period.</p> <p>The Board noted the Trust's favorable performance relative to the benchmark index for the one-year period and to the peer group median for the three-, five- and ten-year periods.</p> <p>The Board noted the Trust's net management fees are lower than the peer group median and the net total expenses are equal to the peer group median.</p>

John Hancock Variable Insurance Trust

Appendix A

Portfolio (Subadviser)	Performance as of 12.31.2022	Fees and Expenses	Comments
Lifestyle Moderate Portfolio (Manulife Investment Management (US) LLC)	<p>Benchmark Index – The Trust underperformed the benchmark index for the one-, three-, five- and ten-year periods.</p> <p>Broadridge Category – The Trust underperformed the peer group median for the one-year period, matched the peer group median for the three-year periods and outperformed the peer group median for the five- and ten-year periods.</p>	<p>Subadviser fee comparative data not provided due to limited size of Broadridge peer group for this purpose.</p> <p>Net management fees for this Trust are lower than the peer group median.</p> <p>Net total expenses for this Trust are lower than the peer group median.</p>	<p>The Board took into account management's discussion of the Trust's performance relative to the benchmark index for the one-, three-, five- and ten-year periods and to the peer group median for the one-year period.</p> <p>The Board noted the Trust's favorable performance relative to the peer group median for the three-, five- and ten-year periods.</p> <p>The Board noted the Trust's net management fees and net total expenses are lower than the peer group median.</p>
Mid Cap Growth Trust (Wellington Management Company LLP)	<p>Benchmark Index – The Trust underperformed the benchmark index for the one-, three- and ten-year periods and outperformed the benchmark index for the five-year period.</p> <p>Broadridge Category – The Trust underperformed the peer group median for the one- and three-year periods and outperformed the peer group median for the five- and ten-year periods.</p>	<p>The subadviser fees for this Trust are higher than the peer group median.</p> <p>Net management fees for this Trust are higher than the peer group median.</p> <p>Net total expenses for this Trust are higher than the peer group median.</p>	<p>The Board took into account management's discussion of the Trust's performance relative to the benchmark index for the one-, three- and ten-year periods and to the peer group median for the one- and three-year periods.</p> <p>The Board noted the Trust's favorable performance relative to the benchmark index for the five-year period and to the peer group median for the five- and ten-year periods.</p> <p>The Board took into account management's discussion of the Trust's expenses.</p>
Mid Cap Index Trust (Manulife Investment Management (North America) Limited)	<p>Benchmark Index – The Trust underperformed the benchmark index for the one-, three-, five- and ten-year periods.</p> <p>Broadridge Category – The Trust outperformed the peer group median for the one-, three-, five- and ten-year periods.</p>	<p>The subadviser fees for this Trust are equal to the peer group median.</p> <p>Net management fees for this Trust are higher than the peer group median.</p> <p>Net total expenses for this Trust are lower than the peer group median.</p>	<p>The Board took into account management's discussion of the Trust's performance relative to the benchmark index for the one-, three-, five- and ten-year periods.</p> <p>The Board noted the Trust's favorable performance relative to the peer group median for the one-, three-, five- and ten-year periods.</p> <p>The Board also noted the Trust's low performance dispersion relative to its benchmark index.</p> <p>The Board took into account management's discussion of the Trust's expenses. The Board noted the Trust's net total expenses are lower than the peer group median.</p>

John Hancock Variable Insurance Trust

Appendix A

Portfolio (Subadviser)	Performance as of 12.31.2022	Fees and Expenses	Comments
Mid Value Trust (T. Rowe Price Associates, Inc.)	<p>Benchmark Index – The Trust outperformed the benchmark index for the one-, three-, five- and ten-year periods.</p> <p>Broadridge Category – The Trust outperformed the peer group median for the one-, three-, five- and ten-year periods.</p>	<p>The subadviser fees for this Trust are equal to the peer group median.</p> <p>Net management fees for this Trust are higher than the peer group median.</p> <p>Net total expenses for this Trust are lower than the peer group median.</p>	<p>The Board noted the Trust's favorable performance relative to the benchmark index and to the peer group median for the one-, three-, five- and ten-year periods.</p> <p>The Board took into account management's discussion of the Trust's expenses. The Board noted the Trust's net total expenses are lower than the peer group median.</p>
Real Estate Securities Trust (Wellington Management Company LLP)	<p>Benchmark Index – The Trust underperformed the benchmark index for the one-year period and outperformed the benchmark index for the three-, five- and ten-year periods.</p> <p>Broadridge Category – The Trust underperformed the peer group median for the one- and three-year periods and outperformed the peer group median for the five- and ten-year periods.</p>	<p>The subadviser fees for this Trust are lower than the peer group median.</p> <p>Net management fees for this Trust are lower than the peer group median.</p> <p>Net total expenses for this Trust are lower than the peer group median.</p>	<p>The Board took into account management's discussion of the Trust's performance relative to the benchmark index for the one-year period and to the peer group median for the one- and three-year periods.</p> <p>The Board noted the Trust's favorable performance relative to the benchmark index for the three-, five- and ten-year periods and to the peer group median for the five- and ten-year periods.</p> <p>The Board noted the Trust's net management fees and net total expenses are lower than the peer group median.</p>
Science & Technology Trust (T. Rowe Price Associates, Inc.)	<p>Benchmark Index – The Trust outperformed the benchmark index for the one- and ten-year periods and underperformed the benchmark index for the three- and five-year periods.</p> <p>Broadridge Category – The Trust outperformed the peer group median for the one-year period and underperformed the peer group median for the three-, five- and ten-year periods.</p>	<p>Subadviser fee comparative data not provided due to limited size of Broadridge peer group for this purpose.</p> <p>Net management fees for this Trust are higher than the peer group median.</p> <p>Net total expenses for this Trust are lower than the peer group median.</p>	<p>The Board took into account management's discussion of the Trust's performance relative to the benchmark index for the three- and five-year periods and to the peer group median for the three-, five- and ten-year periods.</p> <p>The Board noted the Trust's favorable performance relative to the benchmark index for the one- and ten-year periods and to the peer group median for the one-year period.</p> <p>The Board took into account management's discussion of the Trust's expenses. The Board noted the Trust's net total expenses are lower than the peer group median.</p>

John Hancock Variable Insurance Trust

Appendix A

Portfolio (Subadviser)	Performance as of 12.31.2022	Fees and Expenses	Comments
Small Cap Index Trust (Manulife Investment Management (North America) Limited)	<p>Benchmark Index – The Trust underperformed the benchmark index for the one-, three-, five- and ten-year periods.</p> <p>Broadridge Category – The Trust underperformed the peer group median for the one-, three-, five- and ten-year periods.</p>	<p>The subadviser fees for this Trust are equal to the peer group median.</p> <p>Net management fees for this Trust are higher than the peer group median.</p> <p>Net total expenses for this Trust are lower than the peer group median.</p>	<p>The Board took into account management's discussion of the factors that contributed to the Trust's performance for the one-, three-, five- and ten-year periods relative to the benchmark index and to the peer group median.</p> <p>The Board also noted the Trust's low performance dispersion relative to its benchmark index.</p> <p>The Board took into account management's discussion of the Trust's expenses. The Board noted the Trust's net total expenses are lower than the peer group median.</p>
Small Cap Opportunities Trust (GW&K Investment Management, LLC and Dimensional Fund Advisors LP)	<p>Benchmark Index – The Trust outperformed the benchmark index for the one-, three-, five and ten-year periods.</p> <p>Broadridge Category – The Trust outperformed the peer group median for the one-, three-, five- and ten-year periods.</p>	<p>The subadviser fees for this Trust are lower than the peer group median.</p> <p>Net management fees for this Trust are higher than the peer group median.</p> <p>Net total expenses for this Trust are lower than the peer group median.</p>	<p>The Board noted the Trust's favorable performance relative to the benchmark index and to the peer group median for the one-, three-, five- and ten-year periods.</p> <p>The Board took into account management's discussion of the Trust's expenses. The Board noted the Trust's net total expenses are lower than the peer group median.</p>
Small Cap Stock Trust (Wellington Management Company LLP)	<p>Benchmark Index – The Trust underperformed the benchmark index for the one-year period and outperformed the benchmark index for the three-, five- and ten-year periods.</p> <p>Broadridge Category – The Trust underperformed the peer group median for the one-, three- and ten-year periods and outperformed the peer group median for the five-year period.</p>	<p>The subadviser fees for this Trust are higher than the peer group median.</p> <p>Net management fees for this Trust are higher than the peer group median.</p> <p>Net total expenses for this Trust are equal to the peer group median.</p>	<p>The Board took into account management's discussion of the Trust's performance relative to the benchmark index for the one-year period and to the peer group median for the one-, three- and ten-year periods.</p> <p>The Board noted the Trust's favorable performance relative to the benchmark index for the three-, five- and ten-year periods and to the peer group median for the five-year period.</p> <p>The Board took into account management's discussion of the Trust's expenses. The Board noted the Trust's net total expenses are equal to the peer group median.</p>

John Hancock Variable Insurance Trust

Appendix A

Portfolio (Subadviser)	Performance as of 12.31.2022	Fees and Expenses	Comments
<p>Small Cap Value Trust (Wellington Management Company LLP)</p>	<p>Benchmark Index – The Trust outperformed the benchmark index for the one-year period and underperformed the benchmark index for the three-, five- and ten-year periods.</p> <p>Broadridge Category – The Trust outperformed the peer group median for the one-year period and underperformed the peer group median for the three-, five- and ten-year periods.</p>	<p>The subadviser fees for this Trust are higher than the peer group median.</p> <p>Net management fees for this Trust are higher than the peer group median.</p> <p>Net total expenses for this Trust are higher than the peer group median.</p>	<p>The Board took into account management's discussion of the factors that contributed to the Trust's performance for the three-, five- and ten-year periods relative to the benchmark index and to the peer group median including the impact of past and current market conditions on the Fund's strategy and management's outlook for the Trust.</p> <p>The Board noted the Trust's favorable performance relative to the benchmark index and to the peer group median for the one-year period.</p> <p>The Board noted that the Trust outperformed its Morningstar peer group and benchmark Index for the year-to-date period ended May 31, 2023.</p> <p>The Board took into account management's discussion of the Trust's expenses.</p>
<p>Small Company Value Trust (T. Rowe Price Associates, Inc.)</p>	<p>Benchmark Index – The Trust underperformed the benchmark index for the one-, three-, five- and ten-year periods.</p> <p>Broadridge Category – The Trust underperformed the peer group median for the one-, three-, five- and ten-year periods.</p>	<p>The subadviser fees for this Trust are higher than the peer group median.</p> <p>Net management fees for this Trust are higher than the peer group median.</p> <p>Net total expenses for this Trust are higher than the peer group median.</p>	<p>The Board took into account management's discussion of the factors that contributed to the Trust's performance for the one-, three-, five- and ten-year periods relative to the benchmark index and to the peer group median including the impact of past and current market conditions on the Trust's strategy and management's plans for the Trust.</p> <p>The Board noted that the Trust outperformed its benchmark Index for the year-to-date period ended May 31, 2023.</p> <p>The Board took into account management's discussion of the Trust's expenses.</p>

John Hancock Variable Insurance Trust

Appendix A

Portfolio (Subadviser)	Performance as of 12.31.2022	Fees and Expenses	Comments
Strategic Equity Allocation Trust (Manulife Investment Management (US) LLC)	<p>Benchmark Index – The Trust outperformed the benchmark index for the one-year period and underperformed the benchmark index for the three-, five- and ten-year periods.</p> <p>Broadridge Category – The Trust outperformed the peer group median for the one-, three-, five- and ten-year periods.</p>	<p>Subadviser fee comparative data not provided due to limited size of Broadridge peer group for this purpose.</p> <p>Net management fees for this Trust are lower than the peer group median.</p> <p>Net total expenses for this Trust are lower than the peer group median.</p>	<p>The Board took into account management's discussion of the Trust's performance relative to the benchmark index for the three-, five- and ten-year periods.</p> <p>The Board noted the Trust's favorable performance relative to benchmark index for the one-year period and to the peer group median for the one-, three-, five- and ten-year periods.</p> <p>The Board noted the Trust's net management fees and net total expenses are lower than the peer group median.</p>
Total Stock Market Index Trust (Manulife Investment Management (North America) Limited)	<p>Benchmark Index – The Trust underperformed the benchmark index for the one-, three-, five- and ten-year periods.</p> <p>Broadridge Category – The Trust underperformed the peer group median for the one-, three-, five- and ten-year periods.</p>	<p>The subadviser fees for this Trust are equal to the peer group median.</p> <p>Net management fees for this Trust are higher than the peer group median.</p> <p>Net total expenses for this Trust are lower than the peer group median.</p>	<p>The Board took into account management's discussion of the factors that contributed to the Trust's performance for the one-, three-, five- and ten-year periods relative to the benchmark index and to the peer group median.</p> <p>The Board also noted the Trust's low performance dispersion relative to its benchmark index.</p> <p>The Board took into account management's discussion of the Trust's expenses. The Board noted the Trust's net total expenses are lower than the peer group median.</p>

John Hancock Variable Insurance Trust

STATEMENT REGARDING LIQUIDITY RISK MANAGEMENT

Operation of the Liquidity Risk Management Program

This section describes the operation and effectiveness of the Liquidity Risk Management Program (LRMP) established in accordance with Rule 22e-4 under the Investment Company Act of 1940, as amended (the Liquidity Rule). The Board of Trustees (the Board) of each Fund in the John Hancock Group of Funds (each a Fund and collectively, the Funds) that is subject to the requirements of the Liquidity Rule has appointed John Hancock Investment Management LLC and John Hancock Variable Trust Advisers LLC (together, the Advisor) to serve as Administrator of the LRMP with respect to each of the Funds, including 500 Index Trust, American Asset Allocation Trust, American Global Growth Trust, American Growth Trust, American Growth-Income Trust, American International Trust, Blue Chip Growth Trust, Capital Appreciation Trust, Capital Appreciation Value Trust, Disciplined Value International Trust, Emerging Markets Value Trust, Equity Income Trust, Financial Industries Trust, Fundamental All Cap Core Trust, Fundamental Large Cap Value Trust, Global Equity Trust, Health Sciences Trust, International Equity Index Trust, International Small Company Trust, Lifestyle Balanced Portfolio, Lifestyle Conservative Portfolio, Lifestyle Growth Portfolio, Lifestyle Moderate Portfolio, Mid Cap Growth Trust, Mid Cap Index Trust, Mid Value Trust, Real Estate Securities Trust, Science & Technology Trust, Small Cap Index Trust, Small Cap Opportunities Trust, Small Cap Stock Trust, Small Cap Value Trust, Small Company Value Trust, Strategic Equity Allocation Trust, Total Stock Market Index Trust, subject to the oversight of the Board. In order to provide a mechanism and process to perform the functions necessary to administer the LRMP, the Advisor established the Liquidity Risk Management Committee (the Committee). Each Fund's subadvisor, Jennison Associates LLC, T. Rowe Price Associates, Inc., Boston Partners Global Investors, Inc., Dimensional Fund Advisors LP, Manulife Investment Management (US) LLC, SSGA Funds Management, Inc., Manulife Investment Management (North America) Limited, Wellington Management Company LLP, GW&K Investment Management, LLC and Capital Research and Management Company which serves as the investment advisor to the JHVIT American Funds' master funds, (each a Subadvisor) executes the day-to-day investment management and security-level activities of the Fund it manages in accordance with the requirements of the LRMP, subject to the supervision of the Advisor and the Board.

The Committee receives monthly reports and holds quarterly in person meetings to: (1) review the day-to-day operations of the LRMP; (2) monitor current market and liquidity conditions and assess liquidity risks; (3) review and approve month-end liquidity classifications; (4) monitor illiquid investment levels against the 15% limit on illiquid investments and established Highly Liquid Investment Minimums (HLIMs), if any; (5) review quarterly testing and determinations, as applicable; (6) review redemption-in-kind activities; and (7) review other LRMP related material. The Advisor also conducts daily, monthly, quarterly, and annual quantitative and qualitative assessments of each subadvisor to a Fund that is subject to the requirements of the Liquidity Rule and is a part of the LRMP to monitor investment performance issues, risks and trends. In addition, the Advisor may conduct ad-hoc reviews and meetings with subadvisors as issues and trends are identified, including potential liquidity issues. The Committee also monitors global events, such as the ongoing Russian invasion of Ukraine and related U.S.

imposed sanctions on the Russian government, companies and oligarchs, and other amendments to the Office of Foreign Assets Control sanctioned company lists, that could impact the markets and liquidity of portfolio investments and their classifications. In addition, the Committee monitors macro events and assesses their potential impact on liquidity brought on by fear of contagion (e.g. regional banking crisis).

The Committee provided the Board at a meeting held on March 28-30, 2023 with a written report which addressed the Committee's assessment of the adequacy and effectiveness of the implementation and operation of the LRMP and any material changes to the LRMP. The report, which covered the period January 1, 2022 through December 31, 2022, included an assessment of important aspects of the LRMP including, but not limited to: (1) Security-level liquidity classifications; (2) Fund-level liquidity risk assessment; (3) Reasonably Anticipated Trade Size (RATS) determination; (4) HLIM determination and daily monitoring; (5) Daily compliance with the 15% limit on illiquid investments; (6) Operation of the Fund's Redemption-In-Kind Procedures; and (7) Review of liquidity management facilities.

The report provided an update on Committee activities over the previous year. Additionally, the report included a discussion of notable changes and enhancements to the LRMP implemented during 2022 and key initiatives for 2023.

The report also covered material liquidity matters which occurred or were reported during this period applicable to the Fund, if any, and the Committee's actions to address such matters.

The report stated, in relevant part, that during the period covered by the report:

- The Fund's investment strategy remained appropriate for an open-end fund structure;
- The Fund was able to meet requests for redemption without significant dilution of remaining shareholders' interests in the Fund;
- The Fund did not experience any breaches of the 15% limit on illiquid investments, or any applicable HLIM, that would require reporting to the Securities and Exchange Commission;
- The Fund continued to qualify as a Primarily Highly Liquid Fund under the Liquidity Rule and therefore is not required to establish a HLIM; and
- The Chief Compliance Officer's office, as a part of their annual Rule 38a-1 assessment of the Fund's policies and procedures, reviewed the LRMP's control environment and deemed it to be operating effectively and in compliance with the Board approved procedures.

Adequacy and Effectiveness

Based on the review and assessment conducted by the Committee, the Committee has determined that the LRMP and its controls have been implemented and are operating in a manner that is adequately and effectively managing the liquidity risk of the Fund.

John Hancock Variable Insurance Trust

For more information

The Statement of Additional Information, a separate document with supplemental information not contained in the prospectus, includes additional information on the Board of Trustees and can be obtained without charge by calling 800-344-1029 or on the Securities and Exchange Commission (SEC) website at www.sec.gov.

PROXY VOTING POLICY A description of the trust's proxy voting policies and procedures and information regarding how the trust voted proxies relating to portfolio securities during the most recent twelve-month period ended June 30 is available without charge, upon request, by calling 800-344-1029 or on the SEC website at www.sec.gov.

QUARTERLY PORTFOLIO DISCLOSURE All of each fund's holdings as of the end of the third month of every fiscal quarter are filed with the SEC on Form N-PORT within 60 days of the end of the fiscal quarter. Each fund's Form N-PORT filings are available on the SEC's website, www.sec.gov.

The report is certified under the Sarbanes-Oxley Act, which requires mutual funds and other public companies to affirm that, to the best of their knowledge, the information in their financial reports is fairly and accurately stated in all material respects.



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More information

Trustees

Hassell H. McClellan, *Chairperson*
Steven R. Pruchansky, *Vice Chairperson*
Andrew G. Arnott[†]
James R. Boyle
William H. Cunningham^{*}
Noni L. Ellison[^]
Grace K. Fey
Dean C. Garfield[^]
Deborah C. Jackson
Patricia Lizarraga^{*,^}
Paul Lorentz[‡]
Frances G. Rathke^{*}
Gregory A. Russo

Officers

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Charles A. Rizzo, *Chief Financial Officer*
Salvatore Schiavone, *Treasurer*
Christopher (Kit) Sechler, *Secretary and Chief Legal Officer*
Trevor Swanberg, *Chief Compliance Officer*

[†] Non-Independent Trustee

^{*} Member of the Audit Committee

[^] Elected to serve as Independent Trustee effective as of September 9, 2022.

[‡] Elected to serve as Non-Independent Trustee effective as of September 9, 2022.

[#] Effective June 29, 2023.

Investment advisor

John Hancock Variable Trust Advisers LLC

Principal distributor

John Hancock Distributors, LLC