

404a-5 Plan & Investment Notice

THE TRUSTEES OF Y.A.L.E. SCHOOL RETIREMENT SAVINGS PLAN

As of August 22, 2024

This disclosure statement contains important information regarding your retirement plan that we, as Plan Sponsor, are required to provide under ERISA Reg. section 404a-5. You are receiving this disclosure because you are eligible to participate in the plan or you have the right to direct the investment of an account under the plan. In this document, you will find information about how the plan works, the expenses that may be charged, and information that will help you make informed decisions when selecting and managing the investment of your account.

General Plan Information

The following provides an explanation of how you may direct investments in the Plan and outlines the restrictions and policies that apply to the investment options available under your Plan:

HOW TO PROVIDE YOUR INVESTMENT INSTRUCTIONS

You can direct your Plan investments using any of the following:

- Enrollment form
- Investment change form
- Participant website at myplan.johnhancock.com
- Participant services toll-free line at 800-395-1113 or 800-363-0530 for Spanish

You may direct the investment of the funds held in your plan account to any of the investment options outlined in the attached Investment Comparative Chart.

TIMELINES REGARDING YOUR INVESTMENT INSTRUCTIONS

Investment Instructions:

- Can be given using the options outlined above.
- Can be given at any time unless you are provided an addendum that states restrictions on the times at which you may provide investment instructions.
- Are generally processed on the same business day, provided they are received by John Hancock before 4 p.m. EST (or before the New York Stock Exchange closes, if earlier). If received on or after 4 p.m. EST, they will be processed the next business day.

SHORT-TERM TRADING POLICY

Changes to your investments under your qualified retirement plan account are subject to the following short-term trading guidelines of John Hancock and may be cancelled if not within these guidelines:

- Investment exchanges can be made up to a maximum of two exchanges per calendar month.
- In the event that there may be extreme market or personal circumstances requiring you to make an additional change, you may move 100% of your assets to the Stable Value Fund after the exchange limit has been reached; no subsequent exchanges may be made for 30 days. Once the 30-day hold has expired, you can then trade again in accordance with the above guideline.
- At the request of the fund company of an underlying fund, and as outlined in their prospectus, the following additional restrictions may be imposed on your account, including but not limited to:
 - Applying redemption fees and/or trade restrictions which may be more restrictive than the above guidelines,
 - Restricting the number of exchanges made during a defined period,
 - Restricting the dollar amount of exchanges,
 - Restricting the method used to submit exchanges (i.e. requiring exchange requests to be submitted in writing via U.S. mail),
 - Restricting exchanges into and out of certain investment options.

REDEMPTION FEES

An underlying mutual fund may apply a redemption fee or other fee for certain investment transfers.

- This fee is deducted from your account.
- For a list of the funds that have redemption fees, refer to the Investment Comparative Chart or go to the investment options tab at myplan.johnhancock.com for the most recent listing.

RESTRICTIONS REGARDING INVESTING IN THE STABLE VALUE FUND

If you choose to invest in a Stable Value Fund, withdrawals from the Fund may be subject to certain restrictions imposed by the trustee of the underlying trust.

- In general, withdrawals that are permitted by the plan are processed on the next business day.
- However, withdrawals may be delayed under certain circumstances dictated by the Fund's governing documents and explained more fully in the table below.
- Under certain circumstances, plan-initiated withdrawals, and certain participant-initiated withdrawals that are deemed to be plan-initiated withdrawals, are subject to a 12-month hold or a market value adjustment, as determined by the governing documents of the applicable Stable Value Fund.
- Participant-initiated withdrawals may be deemed to be plan-initiated withdrawals under various circumstances, including but not limited to:
 - Withdrawal as a result of plan sponsor communication to participants designed to induce participants to make a withdrawal from the Fund;
 - Additional investment options are established that constitute a Competing Fund;
 - A new pension plan is established that introduces a Competing Fund;
 - The operation of the plan has been changed in such a way that it is designed to or is likely to induce Participants to make a withdrawal from the Fund;
 - The withdrawal is due to an action of the plan or the plan sponsor such as a merger, sale, spin off, early retirement, facility relocation, etc.
 - The plan offers a Competing Fund and the withdrawal involves a transfer of funds to a Competing Fund.
- For more details, or to obtain a copy of the applicable offering documents for a Stable Value Fund, contact the Plan Administrator.
- Where such, or any other restrictions or market value adjustments are imposed by the underlying trust, these will apply to your investment in the Fund.

DESIGNATED INVESTMENT ALTERNATIVES

Your Plan provides designated investment alternatives into which you can direct the investment of your account balance.

- For a full listing of these Funds, including applicable important information, refer to the attached Investment Comparative Chart.
- A listing of the Funds available for selection can also be accessed under the investment options tab on the Participant website at myplan.johnhancock.com.

Administrative Expenses

The following administrative charges are applied to your account for services related to the operation of the plan. Percentage-based expenses shown below are annual charges which will be converted to a monthly rate and applied to your month-end account balance (i.e. calculated on a **'pro-rata'** basis). Dollar-based expenses are annual amounts which will be converted to a monthly charge unless specified otherwise (i.e. calculated on a **'per participant'** basis). Expenses that are actually deducted from your account will appear on your quarterly benefit statements.

- Your plan has engaged John Hancock to provide record-keeping services such as educational resources, transaction processing, investment platform, quarterly statements and website tools. Charges will be applied to your account as follows: 0.12%* on a pro-rata basis.

* Charges may fluctuate based on the total assets in the plan, according to a pre-set fee schedule and other conditions agreed to by your plan sponsor and John Hancock.

- The ongoing administration and management of your plan requires additional services such as fund selection and monitoring, consulting, plan compliance, plan reporting, and other administrative services. Charges will be applied to your account as follows: 0.17% on a pro-rata basis .

If you have any questions, please contact your plan sponsor.

Individual Expenses

The following transaction fees apply. These fees will be deducted from your account at the time the transaction is processed. Fees deducted from your account will appear on your quarterly benefit statements.

As of August 22, 2024 the fees listed below apply if you use any of the services or features below:

Fee Type	Amount	Special Notes
Loan Fee	\$2.00	Per loan, per month
Mailed Detailed Statement Fee	\$1.00	Per statement per quarter

Fee Type	Amount	Special Notes
Plan Consultant Fees		
Death Withdrawal	\$85.00	
Disability Withdrawal	\$85.00	
Withdrawal of Employee Rollover Money	\$85.00	
Hardship Withdrawal	\$85.00	
In-Service Withdrawal (Age 59 1/2)	\$85.00	
Pre-Retirement Withdrawal	\$85.00	
Loan Set-up	\$85.00	
Qualified Domestic Relations Order Withdrawal	\$275.00	
Retirement Withdrawal	\$85.00	
Termination of Employment Withdrawal	\$85.00	

This material is for information purposes only. John Hancock USA does not provide investment, tax, plan design or legal advice. Please consult your own independent advisor as to any investment, tax, plan design-related or legal statements made herein.

Group annuity contracts and recordkeeping agreements are issued by John Hancock Life Insurance Company (U.S.A.), Boston, MA (not licensed in New York). John Hancock Life Insurance Company (U.S.A.) makes available a platform of investment alternatives to sponsors or administrators of retirement plans without regard to the individualized needs of any plan. Unless otherwise specifically stated in writing, John Hancock Life Insurance Company (U.S.A.) does not, and is not undertaking to, provide impartial investment advice or give advice in a fiduciary capacity.

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Investment Comparative Chart

THE TRUSTEES OF Y.A.L.E. SCHOOL RETIREMENT SAVINGS PLAN

This document includes important information to help you compare the investment options available under your retirement plan. If you would like to receive additional investment-related information about any of the investment options listed below - including performance data and the option's principal risks - go to the Fund's corresponding website address (shown in the table) or to myplan.johnhancock.com. To obtain more information, or to receive a paper copy (at no cost) of the information available on the websites, contact Malerie McCarren at (609) 654-7222 ext 121 and 10-A JENNINGS ROAD, MEDFORD, NJ, 08055

DOCUMENT OVERVIEW

This document is comprised of two sections; Performance Information and Fee and Expense Information.

Performance Information

This section outlines your retirement plan investment options, how they have performed over time and allows you to compare with an appropriate benchmark for the same time period. Benchmark returns are shown for comparative purposes only. Benchmark returns represent the performance of market indices, which cannot be invested in directly, and their returns are calculated without taking into account any investment fees and/or expenses. Hypothetical Returns are shown in bold.

The data presented represents past performance and does not guarantee future performance. Current performance may be lower or higher than the performance quoted. An investment in a sub-account will fluctuate in value to reflect the value of the sub-account's underlying securities and, when redeemed, may be worth more or less than original cost. Performance does not reflect any applicable contract-level or certain participant-level charges, or any redemption fees imposed by an underlying mutual fund company. These charges, if included, would otherwise reduce the total return for a participant's account. Participants can call 1-800-395-1113 or visit myplan.johnhancock.com for more information.

Fee and Expense Information

This section shows fee and expense information for the investment options available under your contract. Total Annual Operating Expenses and Shareholder-type Fees (if applicable) are outlined as they relate to each investment option. Total Annual Operating Expenses are expenses that reduce the rate of return of the investment option. It is important to understand that the investment rate of return, as set out in the Performance Information section, is calculated net of the Total Annual Operating Expenses of the investment option. However, such returns do not take into account any applicable Shareholder-type fees, which are in addition to the Total Annual Operating Expenses of the investment option.

The Total Annual Operating Expenses ("TAOE") is made up in part by the expenses of the underlying fund based on the underlying fund's expense ratios reported in the most recent prospectuses available as of the date of printing; "FER"). The underlying fund is the mutual fund, collective trust, or exchange traded fund in which the sub-account invests. § The underlying fund of this sub-account has either waived a portion of, or capped, its fees. The TAOE is that of the sub account and reflects the net expense ratio of the underlying fund after such expense waiver or cap is applied. Please see the Fund Sheet for details, including gross expenses.

The cumulative effect of fees and expenses can substantially reduce the growth of your retirement savings. Visit the Department of Labor's website for an example showing the long-term effect of fees and expenses at <https://www.dol.gov/sites/default/files/ebsa/about-ebsa/our-activities/resource-center/publications/maximize-your-retirement-savings.pdf>. Fees and expenses are only one of many factors to consider when you decide to invest in an option. You may also want to think about whether an investment in a particular option, along with your other investments, will help you achieve your financial goals.

VARIABLE RETURN INVESTMENTS*

The table below focuses on the performance of investment options that do not have a fixed or stated rate of return.

Name/Type of Option	Return YTD as of 07/31/2024	Average Annual Total Return as of 12/31/2023				Benchmark YTD as of 07/31/2024	Benchmark [†] Return as of 12/31/2023				Total Annual Operating Expenses as of 07/31/2024		Shareholder-Type Fees
		1 yr.	5 yr.	10 yr.	Since Inception		1 yr.	5 yr.	10 yr.	Since Inception	As a %	Per \$1,000	
AG Vanguard Growth Index Fund (LGI) ⁹⁸ Large Cap Growth http://www.viewjhfunds.com/usa/C00/lgia/index.html	18.43%	46.77%	19.16%	13.97%	10.70%	18.46%	46.86%	19.21%	14.01%	N/A	0.05%	\$0.50	N/A
AG Vanguard Mid-Cap Value ETF (VOE) ^{118,119,139} Mid Cap Value http://www.viewjhfunds.com/usa/C00/voea/index.html	11.11%	9.74%	11.23%	8.27%	8.35%	11.23%	9.78%	11.33%	8.52%	8.44%	0.13%	\$1.30	N/A
AG [§] Mid Cap Index Fund (MCI) ^{13,91,128,183} Mid Cap Blend http://www.viewjhfunds.com/usa/C00/mcia/index.html	12.24%	16.35%	12.53%	9.22%	9.30%	12.32%	16.43%	12.61%	9.27%	9.19%	0.16%	\$1.60	N/A
AG Vanguard Mid-Cap Growth ETF (VOT) ^{118,119,139} Mid Cap Growth http://www.viewjhfunds.com/usa/C00/vota/index.html	6.63%	22.91%	13.56%	9.88%	9.26%	6.63%	23.20%	13.74%	10.16%	9.81%	0.13%	\$1.30	N/A
AG Vanguard Small Cap Value Index Fund (VIS) ¹²⁰ Small Cap Value http://www.viewjhfunds.com/usa/C00/visa/index.html	11.21%	15.99%	11.85%	8.49%	8.71%	11.23%	15.90%	11.83%	8.49%	N/A	0.07%	\$0.70	N/A
AG [§] Small Cap Index Fund (SCI) ^{13,29,91,128} Small Cap Blend http://www.viewjhfunds.com/usa/C00/scia/index.html	12.06%	17.01%	10.05%	7.28%	7.79%	12.06%	16.92%	9.97%	7.15%	7.61%	0.09%	\$0.90	N/A
AG Invesco Small Cap Growth Fund (SCO) ¹³⁰ Small Cap Growth http://www.viewjhfunds.com/usa/C00/scoa/index.html	12.53%	13.48%	9.50%	8.10%	10.36%	12.99%	18.65%	9.22%	7.15%	7.10%	0.47%	\$4.70	N/A
AG Vanguard Small Cap Growth Index Fund (VSG) ¹²⁰ Small Cap Growth http://www.viewjhfunds.com/usa/C00/vsga/index.html	8.50%	21.41%	10.54%	7.86%	8.66%	8.47%	21.28%	10.51%	7.82%	N/A	0.07%	\$0.70	N/A
G Vanguard Value Index Fund (LVI) ⁹⁸ Large Cap Value http://www.viewjhfunds.com/usa/C00/lvia/index.html	13.87%	9.24%	11.73%	9.72%	9.57%	13.88%	9.17%	11.73%	9.74%	8.31%	0.05%	\$0.50	N/A

NOTE: The Fund Code can be found in brackets beside the Fund name.

Name/Type of Option	Return YTD as of 07/31/2024	Average Annual Total Return as of 12/31/2023				Benchmark YTD as of 07/31/2024	Benchmark [†] Return as of 12/31/2023				Total Annual Operating Expenses as of 07/31/2024		Shareholder-Type Fees	
		1 yr.	5 yr.	10 yr.	Since Inception		1 yr.	5 yr.	10 yr.	Since Inception	As a %	Per \$1,000		
G [§] 500 Index Fund (IND) ^{13,76,91,110,128,187} Large Cap Blend http://www.viewjhfunds.com/usa/C00/inda/index.html	16.65%	26.21%	15.63%	11.99%	10.00%	16.69%	26.28%	15.68%	12.03%	10.12%	S&P 500	0.05%	\$0.50	N/A
G [§] John Hancock Disciplined Value International Fund (ITS) ^{13,159,222} International/Global Value http://www.viewjhfunds.com/usa/C00/itsa/index.html	10.57%	19.58%	9.56%	3.87%	3.82%	8.43%	18.23%	8.16%	4.27%	6.75%		MSCI EAFE	0.58%	\$5.80
G BlackRock EAFE Equity Index Fund (BEE) ^{71,198} International/Global Blend http://www.viewjhfunds.com/usa/C00/beea/index.html	8.72%	18.26%	8.50%	N/A	6.60%	8.43%	18.23%	8.16%	4.27%	6.27%	MSCI EAFE	0.05%	\$0.50	N/A
G Templeton World Fund (DIV) ¹²⁸ International/Global Blend http://www.viewjhfunds.com/usa/C00/diva/index.html	15.54%	32.97%	6.34%	3.58%	10.76%	13.09%	22.20%	11.71%	7.92%	N/A	MSCI All Country World	0.55%	\$5.50	N/A
G Vanguard Total World Stock Index ETF (VTA) ^{119,126,139} International/Global Blend http://www.viewjhfunds.com/usa/C00/vtaa/index.html	12.52%	21.90%	11.73%	8.14%	7.12%	12.80%	22.18%	12.03%	8.31%	7.33%	FTSE Global All Cap	0.13%	\$1.30	N/A
G Vanguard International Growth Fund (VIG) ¹⁸¹ International/Global Growth http://www.viewjhfunds.com/usa/C00/viga/index.html	9.11%	14.81%	10.62%	7.09%	10.23%	8.13%	15.61%	7.08%	3.82%	N/A	MSCI All Country World ex U.S.	0.31%	\$3.10	N/A

BOND FUNDS

I [§] High Yield Fund (HYF) ^{13,45,128,228} Low Quality Short Term Fixed Income http://www.viewjhfunds.com/usa/C00/hyfa/index.html	5.49%	13.25%	5.25%	3.89%	5.62%	4.57%	13.44%	5.35%	4.59%	6.42%	Bloomberg Barclays U.S. High Yield 2% Issuer Cap	0.51%	\$5.10	N/A
I BlackRock U.S. Debt Index Fund (BUS) ^{71,198,204} Medium Quality Intermediate Term Fixed Income http://www.viewjhfunds.com/usa/C00/busa/index.html	1.70%	5.66%	1.11%	N/A	1.14%	1.60%	5.52%	1.10%	1.80%	1.11%	Bloomberg Barclays US Aggregate Bond	0.04%	\$0.40	N/A
I Fidelity Advisor Total Bond Fund (FBF) ¹³⁸ Medium Quality Intermediate Term Fixed Income http://www.viewjhfunds.com/usa/C00/fbfa/index.html	2.59%	7.45%	2.53%	2.80%	4.21%	1.60%	5.52%	1.10%	1.80%	3.27%	Bloomberg Barclays US Aggregate Bond	0.25%	\$2.50	N/A

NOTE: The Fund Code can be found in brackets beside the Fund name.

Name/Type of Option	Return YTD as of 07/31/2024	Average Annual Total Return as of 12/31/2023				Benchmark YTD as of 07/31/2024	Benchmark [†] Return as of 12/31/2023				Total Annual Operating Expenses as of 07/31/2024		Shareholder-Type Fees
		1 yr.	5 yr.	10 yr.	Since Inception		1 yr.	5 yr.	10 yr.	Since Inception	As a %	Per \$1,000	
[§] Templeton Global Bond Fund (TGB) ^{87,128} Global Long Term Fixed Income http://www.viewjhfunds.com/usa/C00/tgba/index.html	-5.91%	2.95%	-2.08%	-0.12%	6.32%	-1.21%	5.18%	-1.38%	-0.31%	4.75%	0.47%	\$4.70	N/A
							FTSE World Government Bond Index						

OTHER FUNDS

[§] Nuveen Lifecycle Index 2065 Fund (TCT) ^{114,229,258,262} Target Date http://www.viewjhfunds.com/usa/C00/tcta/index.html	12.31%	21.16%	N/A	N/A	9.67%	11.83%	19.84%	11.09%	N/A	36.34%	0.10%	\$1.00	N/A
							S&P Target Date 2065+						
[§] Nuveen Lifecycle Index 2060 Fund (TCR) ^{114,196,258,262} Target Date http://www.viewjhfunds.com/usa/C00/tcra/index.html	12.18%	20.91%	11.73%	N/A	8.80%	11.61%	19.73%	11.03%	8.04%	8.22%	0.10%	\$1.00	N/A
							S&P Target Date 2060						
[§] Nuveen Lifecycle Index 2055 Fund (TCQ) ^{114,196,258,262} Target Date http://www.viewjhfunds.com/usa/C00/tcqa/index.html	12.01%	20.75%	11.60%	8.58%	9.25%	11.56%	19.61%	10.98%	7.98%	8.44%	0.10%	\$1.00	N/A
							S&P Target Date 2055						
[§] Nuveen Lifecycle Index 2050 Fund (TCO) ^{114,196,258,262} Target Date http://www.viewjhfunds.com/usa/C00/tcoa/index.html	11.88%	20.54%	11.47%	8.49%	9.88%	11.52%	19.58%	10.91%	7.92%	9.43%	0.10%	\$1.00	N/A
							S&P Target Date 2050						
[§] Nuveen Lifecycle Index 2045 Fund (TCN) ^{114,196,258,262} Target Date http://www.viewjhfunds.com/usa/C00/tcna/index.html	11.51%	20.06%	11.29%	8.36%	9.79%	11.09%	19.13%	10.68%	7.75%	9.25%	0.10%	\$1.00	N/A
							S&P Target Date 2045						
[§] Nuveen Lifecycle Index 2040 Fund (TCL) ^{114,196,258,262} Target Date http://www.viewjhfunds.com/usa/C00/tcla/index.html	10.71%	18.99%	10.52%	7.96%	9.50%	10.43%	18.16%	10.21%	7.48%	8.97%	0.10%	\$1.00	N/A
							S&P Target Date 2040						
[§] Nuveen Lifecycle Index 2035 Fund (TCK) ^{114,196,258,262} Target Date http://www.viewjhfunds.com/usa/C00/tcka/index.html	9.49%	17.24%	9.57%	7.37%	8.98%	9.33%	16.63%	9.44%	7.03%	8.54%	0.10%	\$1.00	N/A
							S&P Target Date 2035						

NOTE: The Fund Code can be found in brackets beside the Fund name.

Name/Type of Option	Return YTD as of 07/31/2024	Average Annual Total Return as of 12/31/2023				Benchmark YTD as of 07/31/2024	Benchmark [†] Return as of 12/31/2023				Total Annual Operating Expenses as of 07/31/2024		Shareholder-Type Fees	
		1 yr.	5 yr.	10 yr.	Since Inception		1 yr.	5 yr.	10 yr.	Since Inception	As a %	Per \$1,000		
TD [§] Nuveen Lifecycle Index 2030 Fund (TCJ) ^{114,196,258,262} Target Date http://www.viewjhfunds.com/usa/C00/tcja/index.html	8.53%	15.55%	8.66%	6.80%	8.35%	8.11%	14.79%	8.42%	6.44%	7.96%	S&P Target Date 2030	0.10%	\$1.00	N/A
TD [§] Nuveen Lifecycle Index 2025 Fund (TCH) ^{114,196,258,262} Target Date http://www.viewjhfunds.com/usa/C00/tcha/index.html	7.67%	14.19%	7.82%	6.25%	7.71%	7.00%	12.99%	7.41%	5.85%	7.34%		S&P Target Date 2025	0.10%	\$1.00
TD [§] Nuveen Lifecycle Index 2020 Fund (TCF) ^{114,196,258,262} Target Date http://www.viewjhfunds.com/usa/C00/tcfa/index.html	7.07%	13.07%	7.03%	5.71%	7.10%	6.68%	12.32%	6.46%	5.27%	6.69%	S&P Target Date 2020		0.10%	\$1.00
TD [§] Nuveen Lifecycle Index 2015 Fund (TCD) ^{114,196,258,262} Target Date http://www.viewjhfunds.com/usa/C00/tcda/index.html	6.54%	12.24%	6.51%	5.32%	6.58%	6.03%	11.38%	6.10%	4.93%	6.17%		S&P Target Date 2015	0.10%	\$1.00
TD [§] Nuveen Lifecycle Index 2010 Fund (TCB) ^{114,196,258,262} Target Date http://www.viewjhfunds.com/usa/C00/tcba/index.html	6.01%	11.42%	5.99%	4.96%	6.13%	5.65%	10.78%	5.60%	4.49%	5.53%	S&P Target Date 2010		0.10%	\$1.00
TD [§] Nuveen Lifecycle Index Retirement Income Fund (TCA) ^{114,196,258,262} Target Date http://www.viewjhfunds.com/usa/C00/tcaa/index.html	6.45%	11.90%	6.05%	4.91%	5.86%	5.49%	10.34%	4.90%	3.97%	4.80%		S&P Target Date Retirement Income	0.10%	\$1.00
AG Invesco Developing Markets Fund (DMK) ^{128,212,213,225} Specialty http://www.viewjhfunds.com/usa/C00/dmka/index.html	3.44%	11.67%	2.77%	1.99%	10.05%	7.80%	9.82%	3.68%	2.66%	N/A	MSCI Emerging Markets		0.76%	\$7.60
AG [§] Financial Industries Fund (FSF) ^{12,13,91,128} Sector http://www.viewjhfunds.com/usa/C00/fsfa/index.html	18.01%	5.54%	10.09%	7.51%	6.10%	16.69%	26.28%	15.68%	12.03%	8.15%		S&P 500	0.64%	\$6.40

NOTE: The Fund Code can be found in brackets beside the Fund name.

Name/Type of Option	Return YTD as of 07/31/2024	Average Annual Total Return as of 12/31/2023				Benchmark YTD as of 07/31/2024	Benchmark [†] Return as of 12/31/2023				Total Annual Operating Expenses as of 07/31/2024		Shareholder-Type Fees
		1 yr.	5 yr.	10 yr.	Since Inception		1 yr.	5 yr.	10 yr.	Since Inception	As a %	Per \$1,000	
AG iShares Gold Trust ETF (GLD) ^{118,119,139} Sector http://www.viewjhfunds.com/usa/C00/glda/index.html	18.59%	12.72%	9.53%	5.19%	8.32%	16.73%	14.59%	10.19%	5.60%	8.76%	0.31%	\$3.10	N/A
							LBMA Gold Price PM						
AG [§] Real Estate Securities Fund (REF) ^{13,128,193,231} Sector http://www.viewjhfunds.com/usa/C00/refa/index.html	7.06%	13.26%	8.05%	8.40%	9.87%	5.26%	13.95%	6.12%	7.00%	8.27%	0.55%	\$5.50	N/A
							DJ US Select REIT						
AG T. Rowe Price Health Sciences Fund (HLS) ¹² Sector http://www.viewjhfunds.com/usa/C00/hlsa/index.html	10.93%	3.23%	11.66%	11.71%	13.71%	16.69%	26.28%	15.68%	12.03%	9.60%	0.65%	\$6.50	N/A
							S&P 500						
AG T. Rowe Price Science & Technology Fund (SCT) ²²⁰ Sector http://www.viewjhfunds.com/usa/C00/scta/index.html	22.03%	54.00%	17.60%	14.91%	12.57%	16.69%	26.28%	15.68%	12.03%	10.06%	0.66%	\$6.60	N/A
							S&P 500						
AG Vanguard Energy Fund (VEN) ^{34,120} Sector http://www.viewjhfunds.com/usa/C00/vena/index.html	12.54%	8.87%	6.19%	0.37%	9.42%	10.63%	5.94%	10.01%	2.89%	N/A	0.36%	\$3.60	N/A
							MSCI ACWI/Energy						
G&I [§] MFS Utilities Fund (ULT) ^{12,91,211} Sector http://www.viewjhfunds.com/usa/C00/ulta/index.html	9.51%	-1.73%	8.62%	6.73%	7.73%	16.86%	-7.08%	7.11%	8.91%	5.74%	0.52%	\$5.20	N/A
							S&P 500 Utilities Sector						
G&I American Funds American Balanced Fund (ABF) ^{38,160,243} Balanced http://www.viewjhfunds.com/usa/C00/abfa/index.html	10.95%	14.36%	9.27%	7.89%	10.54%	10.50%	17.66%	9.98%	8.09%	N/A	0.25%	\$2.50	N/A
							60% S&P 500/40% BarCap Agg Bond						

NOTE: The Fund Code can be found in brackets beside the Fund name.

Name/Type of Option	Return YTD as of 07/31/2024	Average Annual Total Return as of 12/31/2023				Benchmark YTD as of 07/31/2024	Benchmark [†] Return as of 12/31/2023				Total Annual Operating Expenses as of 07/31/2024		Shareholder-Type Fees
		1 yr.	5 yr.	10 yr.	Since Inception		1 yr.	5 yr.	10 yr.	Since Inception	As a %	Per \$1,000	
John Hancock Stable Value Fund (MSV) <small>13,26,39,52,128,142,143,166,239</small> High Quality Short Term Fixed Income http://www.viewjhfunds.com/usa/C00/msva/index.html	1.44%	2.31%	2.07%	1.98%	2.53%	3.23%	5.25%	1.91%	1.25%	1.29%	0.42%	\$4.20	Participant-directed withdrawals from this Fund are normally processed on the next business day if the withdrawal request is received on or before 12 noon on a business day. However, such withdrawals may be subject to a delay of up to 7 or 30 additional calendar days if it is determined, respectively, that such delay is necessary to maintain adequate liquidity for, or to avoid an adverse impact on, the underlying trust or investment vehicle. In addition, plan-directed withdrawals and certain participant-directed withdrawals that are deemed to be plan-directed withdrawals may be subject to up to a 12-month hold or a market value adjustment. Where such, or any other, restrictions or market value adjustments are imposed by the underlying trust, these will apply to your investment in the Fund.

Please visit www.ps.jhancockpensions.com/assets/pdfs/SPARK_Glossary.pdf for a glossary of investment terms relevant to the investment options under this plan.

NOTE: The Fund Code can be found in brackets beside the Fund name.

IMPORTANT NOTES

The performance data for a sub-account for any period prior to the sub-account Inception Date is hypothetical based on the performance of the underlying investment since inception of the underlying investment. All other performance data is actual (except as otherwise indicated). Returns for any period greater than one year are annualized. Performance data reflects changes in the prices of a sub-account's investments (including the shares of an underlying mutual fund or collective trust), reinvestment of dividends and capital gains and deductions for the expense ratio.

[†]Your company's qualified retirement plan offers participants the opportunity to contribute to investment options available under a group annuity contract with John Hancock Life Insurance Company (U.S.A.) (John Hancock USA). These investment options may be sub-accounts (pooled funds) investing directly in underlying mutual funds, or they may be Guaranteed Interest Accounts.

The Funds offered on the JH Signature platform are classified into five risk categories. The risk category in which a Fund is placed is determined based on where the 10 year Standard Deviation (defined below) of the underlying fund's Morningstar Category falls on the following scale: if the 10 year Standard Deviation of the underlying fund's Morningstar Category is 17.00 or higher, the Fund is classified as "Aggressive;" between 11.50 and 16.99 as "Growth;" between 6.50 and 11.49 as "Growth & Income;" between 2.50 and 6.49 as "Income;" and 2.49 and below as "Conservative." If a 10 year Standard Deviation is not available for a Morningstar Category, then the 5 year Standard Deviation of the underlying fund's Morningstar Category is used to determine the Fund's risk category. If a 5 year Standard Deviation is not available for a Morningstar Category, then the 5 year Standard Deviation of the underlying fund's Morningstar Category Index is used to determine the Fund's risk category. Standard Deviation is defined by Morningstar as a statistical measurement of dispersion about an average, which, for an underlying fund, depicts how widely the returns varied over a certain period of time.

[†]Index Performance: Index performance shown is for a broad-based securities market index. Indices are unmanaged and cannot be invested in directly. Index returns were prepared using Morningstar, Inc. software and data. The performance of an Index does not include any portfolio or insurance-related charges. If these charges were reflected, performance would be lower. Past performance is not a guarantee of future results.

¹²This sub-account was introduced April 27, 2001.

¹³The total revenue John Hancock receives on this Fund is higher than those advised or sub-advised exclusively by unaffiliated entities. John Hancock and its affiliates provide advisory and/or sub-advisory services for the underlying fund. For these services, John Hancock and its affiliates receive additional

fees which are included in the underlying fund expense ratio (i.e. Fund Expense Ratio or FER).

²⁶Not available to defined benefit plans. Consult your John Hancock representative for details.

²⁹This sub-account was introduced August 21, 2000.

³⁴This sub-account was introduced September 6, 2002.

³⁸This sub-account was introduced May 2, 2003.

³⁹This sub-account was introduced May 14, 2004.

⁴⁵The portfolio concentrates its investments in high yield/high risk fixed income securities, also known as junk bonds, which carry a much greater risk of default and tend to be more volatile than higher rated bonds.

⁵²John Hancock Stable Value Fund: Qualified retirement plans that select the John Hancock Stable Value Fund as an eligible investment option under the group annuity contract are restricted from selecting any fixed-income investment options for the plan deemed to be 'Competing', including (i) any book value fixed income Fund, (ii) any other fixed income Fund with a targeted average duration of two (2) years or less, including but not limited to, a money market Fund or a short-term bond Fund, or (iii) any guaranteed interest account (other than a ten (10) year maturity guaranteed interest account maintained by an affiliate of John Hancock Life Insurance Company (U.S.A.) originally offered prior to May 1, 2006). For the avoidance of doubt, Competing Investment Option will not include any self-directed brokerage account, or any investment option made available through a self-directed brokerage account. Contact your John Hancock representative for details.

An investment in the John Hancock Stable Value Fund is not an insured deposit, nor an obligation of, nor guaranteed by, John Hancock USA, the Fund's Trustee or its Advisor, The Federal Deposit Insurance Corporation (FDIC) or any government agency and is subject to certain market risks. However, through its Stabilizing Agreements with one or more Stability Providers, the Fund is designed to meet Department of Labor requirements for 'grandfathered' default contributions under 29 CFR 2550.404c-5(e)(4) (v). Although the portfolio will seek to maintain a stable value, there is a risk that it will not be able to do so, and participants may lose their investment if both the Fund's investment portfolio and the Stability Provider(s) fail. Neither John Hancock USA nor the Trustee guarantees the performance of the Stability Provider(s). Investments in the Fund will accrue interest at the applicable monthly crediting rate, which rate will be set based upon a formula but may be adjusted from time to time as agreed upon by the Stability Provider(s) and John Hancock Life Insurance Company (U.S.A.). The actual market value of the underlying assets may, at times, be greater than or less than the book value of the Fund. Any difference between the

market value and book value will be taken into consideration when setting future crediting rates. Withdrawals or transfers initiated by participants will generally be paid at book value, except where they are the result of plan sponsor actions. Withdrawals that are the result of plan sponsor actions may be subject to a market value adjustment or paid out after a 12-month delay.

The FER for the underlying fund includes an advisory fee payable to John Hancock Life Insurance Company (U.S.A.) for services provided to the Trustee, as well as a management fee to John Hancock USA and/or its affiliates in connection with the management of one of the underlying investments. For further details on these fees and certain risks that may apply please refer to the Offering Memorandum. Contact your John Hancock representative if you wish to obtain a copy.

Units of the Fund have not been registered under the Securities Act of 1933, as amended, or under the securities laws of any other jurisdiction; and the Fund is not registered under the Investment Company Act of 1940, as amended, or other applicable law, and participants are not entitled to the protections of such Act. The John Hancock Stable Value Fund invests a portion of its assets in a separate investment account maintained by John Hancock Life & Health Insurance Company ('John Hancock Life & Health'), an affiliate of John Hancock USA, which has claimed an exclusion from the definition of the term 'Commodity Pool Operator' under CFTC Regulation 4.5 under the Commodity Exchange Act with respect to its operation of such separate account and, therefore, John Hancock Life & Health is not subject to registration or regulation as a pool operator under Regulation 4.5 for such separate account.

⁷¹Only available under certain limited circumstances. Consult your John Hancock representative for more information.

⁷⁶Indexes are unmanaged and the performance of an index is not an exact representation of any particular investment, as you cannot invest directly in an index. Like all mutual funds, index funds are subject to market risks and will fluctuate in value. Index funds are designed to track the performance of its target index but may underperform due to fees, expenses or tracking errors. These investments are not actively managed and do not necessarily attempt to manage volatility or protect against losses in declining markets.

None of the index funds are sponsored, endorsed, managed, advised, sold or promoted by any of the respective companies that sponsor the broad-based securities market index, and none of these companies make any representation regarding the advisability of investing in any index mutual fund.

⁸⁷This sub-account was introduced November 5, 2010.

⁹¹The underlying John Hancock Variable Insurance Trust portfolio is not a retail mutual fund and is only available under variable annuity contracts,

variable life policies or through participation in tax qualified retirement plans. Although the portfolios' investment adviser or sub-advisers may manage retail mutual funds with similar names and investment objectives, no representation is made, and no assurance is given, that any portfolio's investment results will be comparable to the investment results of any other fund, including other funds with the same investment adviser or sub-adviser. Past performance is no guarantee of future results.

⁹⁸This sub-account previously invested in a different share class of the same underlying portfolio. It began investing in the current share class effective on or about May 9, 2011. Performance shown for periods prior to that date is based on the performance of the current share class.

¹¹⁰This sub-account previously invested in a different underlying portfolio. It began investing in the current underlying portfolio effective November 2, 2012. Performance shown for periods prior to that date is based on the performance of the previous underlying portfolio/sub-account. The name of this sub-account may change effective on or about November 2, 2012 to more accurately reflect the name of the underlying fund.

¹¹⁴If John Hancock has been provided with your date of birth and no investment instructions at the time of enrollment, then, on the date of your enrollment, you will be default enrolled into a Target Date (Lifecycle Portfolio) based on your year of birth and a retirement age of 67, and subject to the Target Date then in existence.

¹¹⁸This sub-account was introduced November 8, 2013.

¹¹⁹The underlying fund expense ratio shown includes an annualized charge of 0.06% accrued daily, and deducted monthly out of the unitized version of the underlying fund provided by and traded through the trading platform of an unaffiliated third party.

¹²⁰This sub-account previously invested in a different share class of the same underlying portfolio. It began investing in the current share class effective on or about November 8, 2013. Performance shown for periods prior to that date is based on the performance of the current share class.

¹²⁶This sub-account was introduced May 3, 2014.

¹²⁸The indicated separate account is operated by John Hancock Life Insurance Company (U.S.A.), which has claimed an exclusion from the definition of the term 'Commodity Pool Operator' under the Commodity Exchange Act and, therefore, is not subject to registration or regulation as a pool operator under such Act.

¹³⁰This sub-account previously invested in a different share class of the same underlying portfolio. It began investing in the current share class effective on or about November 8, 2014. Performance shown for periods prior to that date is based on the performance of the old share class.

¹³⁸This sub-account was recently introduced on May 8, 2015 and may not be available in all states. Contact your John Hancock representative to determine if this sub-account is available to your plan.

¹³⁹The returns of the sub-account may differ from the returns of the ETF in which the sub-account invests (referred to as 'tracking error'). Tracking error results from certain fees and transaction expenses incurred by the sub-account, from differences between the timing of purchases and redemptions of sub-account shares and corresponding transactions in the shares of the underlying ETF, and from the fact that the sub-account holds a small amount of cash (less than 1% of the value of the sub-account) in addition to shares of the ETF.

¹⁴²This investment option is deemed a 'Competing' investment option with the Reliance Trust New York Life Anchor Account and may not be available if the Reliance Trust New York Life Anchor Account is selected. For further details, please refer to the Offering Statement and Declaration of Trust. Contact your John Hancock representative if you wish to obtain a copy.

¹⁴³This investment option is deemed a 'Competing' investment option with the Federated Capital Preservation Fund and may not be available if the Federated Capital Preservation Fund is selected. For further details, please refer to the Offering Circular and Declaration of Trust. Contact your John Hancock representative if you wish to obtain a copy.

¹⁵⁹This sub-account previously invested in a different underlying portfolio. It began investing in the current underlying portfolio effective on or about November 4, 2016. Performance shown for periods prior to that date is based on the performance of the previous underlying portfolio.

¹⁶⁰This sub-account previously invested in a different share class of the same underlying portfolio. It began investing in the current share class effective on or about November 4, 2016. Performance shown for periods prior to that date is based on the performance of the old share class.

¹⁶⁶This investment option is deemed a 'Competing' investment option with the Reliance MetLife Stable Value Fund and may not be available if the Reliance MetLife Stable Value Fund is selected. For further details, please refer to the Offering Circular and Declaration of Trust. Contact your John Hancock representative if you wish to obtain a copy.

¹⁸¹This sub-account was recently introduced on May 6, 2017 and may not be available in all states. Contact your John Hancock representative to determine if this sub-account is available to your plan.

¹⁸³Account balance reported may include assets transferred from another Fund, which was permanently closed on or about October 20, 2017. Please contact your John Hancock representative for more information.

¹⁸⁷The underlying fund changed its name effective on or about November 3, 2017. Performance shown for periods prior to that date reflect the results under its former name.

¹⁹³Account balance reported may include assets transferred from another Fund, which was permanently closed on or about April 20, 2018. Please contact your John Hancock representative for more information.

¹⁹⁶This sub-account was recently introduced on May 4, 2018 and may not be available in all states. Contact your John Hancock representative to determine if this sub-account is available to your plan.

¹⁹⁸This sub-account was recently introduced on June 15, 2018 and may not be available in all states. Contact your John Hancock representative to determine if this sub-account is available to your plan.

²⁰⁴This sub-account previously invested in a different share class of the same underlying portfolio. It began investing in the current share class effective on or about May 3, 2019. Performance shown for periods prior to that date is based on the performance of the old share class.

²¹¹This sub-account previously invested in a different underlying portfolio. It began investing in the current underlying portfolio effective October 18, 2019. Performance shown for periods prior to that date is based on the performance of the previous underlying portfolio.

²¹²The sub-account and underlying fund changed its name effective on or about November 1, 2019. Performance shown for periods prior to that date reflect the results under its former name.

²¹³The underlying fund's manager or subadviser will change from Oppenheimer Funds, Inc. to Invesco Advisers, Inc., on or about November 1, 2019 to correspond with the acquisition that occurred earlier this year. Contact your John Hancock representative for more information.

²²⁰This sub-account previously invested in a different share class of the same underlying portfolio. It began investing in the current share class effective on or about May 8, 2020. Performance shown for periods prior to that date is based on the performance of the old share class.

²²²Account balance reported may include assets transferred from another Fund, which was permanently closed on or about October 16, 2020. Please contact your John Hancock representative for more information.

²²⁵The sub-account and underlying fund changed its name effective on or about November 7, 2020. Performance shown for periods prior to that date reflect the results under its former name.

²²⁸Account balance reported may include assets transferred from another Fund, which was permanently closed on or about April 16, 2021. Please contact your John Hancock representative for more information.

²²⁹This sub-account was recently introduced on May 7, 2021 and may not be available in all states. Contact your John Hancock representative to determine if this sub-account is available to your plan.

²³¹Effective May 7, 2021, the underlying fund and sub-account changed its manager from Deutsche Asset Management, Inc. to Wellington Management Company, LLP.

²³⁹This investment option is deemed a 'Competing' investment option with John Hancock Stable Value Guaranteed Income Fund and may not be available. An investment in this portfolio is not insured or guaranteed by The Federal Deposit Insurance Corporation or any other government agency. Although the underlying portfolio seeks to preserve the value of an investment, it is possible to lose money by investing in this portfolio.

²⁴³The name of this sub-account changed effective on or about May 7, 2022.

²⁵⁸The sub-account and underlying fund changed its name effective on or about August 10, 2024. Performance shown for periods prior to that date reflect the results under its former name.

²⁶²Effective August 10, 2024, the underlying fund and sub-account changed the name of the fund manager from TIAA Global Asset Management to Nuveen Asset Management, LLC on or about August 10, 2024. Performance shown for periods prior to that date reflect the results under its former name.

⁵The Total Annual Operating Expenses ("TAOE") is made up of John Hancock's (i) "Revenue from Sub-account", and (ii) the expenses of the underlying fund (based on expense ratios reported in the most recent prospectuses available as of the date of printing; "FER"). The underlying fund of this sub-account has either waived a portion of, or capped, its fees; the FER used to determine the TAOE of the sub-account that invests in the underlying fund is the net expense ratio of the underlying fund. Refer to the Fund Sheet for details.

To obtain group annuity investment option Fund sheets and prospectuses for each sub-account's underlying investment vehicle call 1-800-395-1113. These documents contain complete details on investment objectives, risks, fees, charges and expenses as well as other information about the underlying investment vehicle, which should be carefully considered. Please read these documents carefully prior to investing.

This material is for information purposes only. John Hancock USA does not provide investment, tax, plan design or legal advice. Please consult your own independent advisor as to any investment, tax, plan design-related or legal statements made herein.

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