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UPCOMING INVESTMENT CHANGE

Change to an Underlying Fund in the Age-Based & Target Portfolios

Elite Gold Rating. In October 2018, the Bright Start Direct-Sold 529 College Savings Program (“Bright Start”) was again recognized by Morningstar® as one of the TOP-rated 529 plans in the country, earning an elite Gold rating.¹

Upcoming Change. In our efforts to continue to enhance the Program, we have an upcoming change to share with you, which will become effective on August 15, 2019.

The PGIM Global Real Estate Fund (formerly Prudential Global Real Estate Fund – ticker: PGRQX) will be replaced in the Age-Based and Target Portfolios with the DWS RREEF Global Real Estate Securities Fund (ticker: RRGRX)

The PGIM Global Real Estate Fund is being replaced due to a recent portfolio manager departure.

The DWS RREEF Global Real Estate Securities Fund offers a fundamentally-driven global real estate strategy with a unique investment process that groups securities into discrete real estate “buckets” that share similar characteristics and factors. The new Fund’s investment team then seeks to identify and build a portfolio of the best performing securities within each bucket. The process results in a diversified portfolio of 120-140 securities and annual portfolio turnover ranges between 100% and 150%.

In connection with the investment change described above, on Thursday, August 15, 2019, amounts invested in the PGIM Global Real Estate Fund in the Age-Based and Target Portfolios will automatically be liquidated and reinvested into the DWS RREEF Global Real Estate Securities Fund.

What do you need to do? As a current investor, no action will be required on your part. The changes will be made to the relevant investment portfolios on Thursday, August 15, 2019.

Please see the enclosed Program Disclosure Statement Supplement, and the prospectus of each respective mutual fund for additional information.

Thank you for investing with Bright Start!

Bright Start Direct-Sold College Savings Program
877.432.7444

The Bright Start Direct-Sold College Savings Program is sponsored by the State of Illinois and administered by the Illinois State Treasurer, as Trustee. Union Bank & Trust Company serves as Program Manager. Investments in the Bright Start Direct-Sold College Savings Program are not guaranteed or insured by the State of Illinois, the Illinois State Treasurer, Union Bank & Trust Company, the Federal Deposit Insurance Corporation, or any other entity.

An investor should consider the investment objectives, risks, and charges and expenses before investing. This and other important information is contained in the Bright Start Direct-Sold College Savings Program Disclosure Statement which can be obtained at BrightStart.com and should be read carefully before investing. You can lose money by investing in a portfolio. Each of the portfolios involves investment risks, which are described in the Program Disclosure Statement.

Before you invest, consider whether your or the beneficiary's home state offers any state tax or other benefits such as financial aid, scholarship funds, and protection from creditors that are only available for investments in that state's 529 plan.

Not FDIC Insured | No Bank Guarantee | May Lose Value

¹ The Morningstar Analyst Rating™ is not a credit or risk rating. It is a subjective evaluation performed by Morningstar's manager research group, which consists of various Morningstar, Inc. subsidiaries ("Manager Research Group"). In the United States, that subsidiary is Morningstar Research Services LLC, which is registered with and governed by the U.S. Securities and Exchange Commission. The Manager Research Group evaluates funds based on five key pillars, which are process, performance, people, parent, and price. The Manager Research Group uses this five pillar evaluation to determine how they believe funds are likely to perform relative to a benchmark, or in the case of exchange-traded funds and index mutual funds, a relevant peer group, over the long term on a risk-adjusted basis. They consider quantitative and qualitative factors in their research, and the weight of each pillar may vary. The Analyst Rating scale is Gold, Silver, Bronze, Neutral, and Negative. A Morningstar Analyst Rating of Gold, Silver, or Bronze reflects the Manager Research Group's conviction in a fund's prospects for outperformance. Analyst Ratings ultimately reflect the Manager Research Group's overall assessment, are overseen by an Analyst Rating Committee, and are continuously monitored and reevaluated at least every 14 months. For more detailed information about Morningstar's Analyst Rating, including its methodology, please go to global.morningstar.com/managerdisclosures/. The Morningstar Analyst Rating (i) should not be used as the sole basis in evaluating a fund, (ii) involves unknown risks and uncertainties which may cause Analyst expectations not to occur or to differ significantly from what they expected, and (iii) should not be considered an offer or solicitation to buy or sell the fund.

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July 11, 2019 Supplement to Bright Start Direct-Sold College Savings Program July 17, 2017 Program Disclosure Statement

The Bright Start Direct-Sold College Savings Program (the “Program”) Program Disclosure Statement dated July 17, 2017, as supplemented on January 1, 2018 and July 1, 2018, is hereby amended as set forth below. Except as amended herein, the Program Disclosure Statement, as supplemented, remains in full force and effect. Unless otherwise defined herein, capitalized terms used in this July 11, 2019 Supplement (the “Supplement”) shall have the respective meanings assigned to them in the Program Disclosure Statement, as supplemented. In the event of a conflict between the terms of the Program Disclosure Statement and the terms of this Supplement, the terms of this Supplement shall control.

Underlying Fund to be Replaced in the Age-Based and Target Portfolios

Effective August 15, 2019, the PGIM Global Real Estate Fund (formerly Prudential Global Real Estate Fund - ticker: PGRQX) will be replaced in the Age-Based and Target Portfolios with the DWS RREEF Global Real Estate Securities Fund (ticker: RRGRX). On August 15, 2019, amounts invested in the PGIM Global Real Estate Fund in the Age-Based and Target Portfolios will automatically be liquidated and reinvested into the DWS RREEF Global Real Estate Securities Fund.

Fund Performance

The following table shows the past performance for the DWS RREEF Global Real Estate Securities Fund. The performance figures shown below do not reflect the Program’s expenses. Due to the expenses of the Program, the performance of the Portfolios would have been lower than the performance of the Underlying Investment shown below.

All of the performance data shown represents past performance, which is not a guarantee or prediction of future results. Investment returns and principal value will fluctuate so that your Account may be worth less than the sum of your Contributions. For performance data of the Portfolios as of the most recent month-end, visit the Program’s website at BrightStart.com

<i>as of May 31, 2019</i>	Ticker	Year-to-Date	1 year	3 year	5 year	Life of fund	Inception
DWS RREEF Global Real Estate Securities Fund	RRGRX	13.83%	9.68%	-	-	8.32%	11/1/2016

New Underlying Investment Description

“Exhibit C – Investment Portfolios and Underlying Investments” beginning on page 45, is updated to include the summary and descriptions of the investment objectives and strategies, primary risks, and fees and expenses of DWS RREEF Global Real Estate Securities Fund as set forth below.

The following descriptions are taken from the most recent prospectuses of the fund dated prior to June 24, 2019 and are intended to summarize the respective investment objectives and policies.

All information below regarding the Underlying Investments is obtained from the prospectus, fund company, and other public information of the fund, and neither Union Bank & Trust Company nor the Treasurer guarantees the accuracy of such information.

For more complete information regarding any Underlying Investment, you may request a prospectus from the Program Manager or obtain a copy by visiting the website for the respective fund. All investments carry some degree of risk which will affect the value of the fund's investments, investment performance, and price of its shares. It is possible to lose money by investing in the funds. For complete information please see the fund's prospectus.

DWS RREEF Global Real Estate Securities Fund (Ticker: RRGRX)

INVESTMENT OBJECTIVE

The fund's investment objective is to seek total return through a combination of current income and long-term capital appreciation.

PRINCIPAL INVESTMENT STRATEGY

Main investments. Under normal circumstances, the fund will invest at least 80% of its net assets, plus the amount of any borrowings for investment purposes, in equity and debt securities issued by real estate companies, such as real estate investment trusts (REITs), REIT-like structures or real estate operating companies. A company will be considered a real estate company if, in the opinion of portfolio management, at least 50% of its revenues or at least 50% of the market value of its assets at the time the security is purchased are attributable to the ownership, construction, financing, management or sale of real estate or such other activities that are primarily related to real estate. The fund may invest without limitation in securities of companies engaged principally in the real estate industry.

The fund may also invest a portion of its assets in other types of securities. These securities may include short-term securities, bonds, notes, securities of companies not principally engaged in the real estate industry and other similar securities. The fund allocates its assets among various regions and countries, including potentially emerging market countries, and normally invests a significant amount of its assets in non-US issuers.

Management process. In choosing securities, portfolio management uses a combination of two analytical disciplines:

Top-down research. Portfolio management analyzes market-wide investment conditions to arrive at the fund's weighting across regional markets (i.e., the portfolio weighting across investments in the Americas, Europe, Asia and Australia), and, within these regions, its strategy across investment sectors, such as office, industrial, retail, hospitality and residential apartment real estate sectors.

Bottom-up research. Portfolio management analyzes characteristics and investment prospects of a particular security relative to others in its local market to actively manage the fund's exposure to individual securities within each region. Disciplined valuation analysis drives this decision-making process, guiding portfolio management to invest in securities they believe can provide superior returns over the long-term, and to sell those that they believe no longer represent the strongest prospects.

Securities lending. The fund may lend securities (up to one-third of total assets) to approved institutions, such as registered broker-dealers, banks and pooled investment vehicles.

Active trading. The fund may trade securities actively and this may lead to high portfolio turnover.

MAIN RISKS

There are several risk factors that could hurt the fund's performance, cause you to lose money or cause the fund's performance to trail that of other investments. The fund may not achieve its investment objective, and is not intended to be a complete investment program. An investment in the fund is not a deposit of a bank and is not insured or guaranteed by the Federal Deposit Insurance Corporation or any other governmental agency.

Stock market risk. When stock prices fall, you should expect the value of your investment to fall as well. Stock prices can be hurt by poor management on the part of the stock's issuer, shrinking product demand and other business risks. These may affect single companies as well as groups of companies. The market as a whole may not favor the types of investments the fund makes, which could adversely affect a stock's price, regardless of how well the company performs, or the fund's ability to sell a stock at an attractive price. There is a chance that stock prices overall will decline because stock markets tend to move in cycles, with periods of rising and

falling prices. Events in the US and global financial markets, including actions taken by the US Federal Reserve or foreign central banks to stimulate or stabilize economic growth, may at times result in unusually high market volatility which could negatively affect performance. Further, geopolitical and other events, including war, terrorism, economic uncertainty, trade disputes and related geopolitical events have led, and in the future may lead, to increased short-term market volatility, which may disrupt securities markets and have adverse long-term effects on US and world economies and markets. To the extent that the fund invests in a particular geographic region, capitalization or sector, the fund's performance may be affected by the general performance of that region, capitalization or sector.

Concentration risk. Any fund that concentrates in a particular segment of the market will generally be more volatile than a fund that invests more broadly. Any market price movements, regulatory or technological changes, or economic conditions affecting the particular segment of the market in which the fund concentrates may have a significant impact on the fund's performance.

Real estate securities risk. The fund may invest without limitation in securities of companies engaged principally in the real estate industry, and will therefore be susceptible to adverse economic, business, regulatory or other occurrences affecting real estate companies. Real estate companies, including REITs, can be affected by the risks associated with direct ownership of real estate, such as general or local economic conditions, decreases in real estate value, increases in property taxes and operating expenses, liabilities or losses due to environmental problems, delays in completion of construction, falling rents (whether due to poor demand, increased competition, overbuilding, or limitations on rents), zoning changes, rising interest rates, lack of credit, failure of borrowers to repay loans and losses from casualty or condemnation. In addition, many real estate companies, including REITs, utilize leverage (and some may be highly leveraged), which increases investment risk. Further, REITs are dependent upon management skills, may not be diversified and may have relatively small market capitalizations, which can increase volatility. REITs must satisfy certain requirements in order to qualify for favorable tax treatment under applicable tax laws, and a failure to qualify could adversely affect the value of the REIT. By investing in REITs through a fund, a shareholder will bear expenses of the REITs in addition to expenses of the fund and will not be entitled to the federal income tax deduction for qualified REIT dividends available to noncorporate investors that own REITs directly unless certain holding period and other requirements are satisfied.

Foreign investment risk. The fund faces the risks inherent in foreign investing. Adverse political, economic or social developments, as well as US and foreign government actions such as the imposition of tariffs, economic and trade sanctions or embargoes, could undermine the value of the fund's investments, prevent the fund from realizing the full value of its investments or prevent the fund from selling securities it holds. In June 2016, citizens of the United Kingdom approved a referendum to leave the European Union (EU) and in March 2017, the United Kingdom initiated the formal process of withdrawing from the EU. Significant uncertainty exists regarding the United Kingdom's anticipated withdrawal from the EU and any adverse economic and political effects such withdrawal may have on the United Kingdom, other EU countries and the global economy.

Financial reporting standards for companies based in foreign markets differ from those in the US. Additionally, foreign securities markets generally are smaller and less liquid than US markets. To the extent that the fund invests in non-US dollar denominated foreign securities, changes in currency exchange rates may affect the US dollar value of foreign securities or the income or gain received on these securities.

Emerging markets risk. Foreign investment risks are greater in emerging markets than in developed markets. Investments in emerging markets are often considered speculative.

Currency risk. Changes in currency exchange rates may affect the value of the fund's investments and the fund's share price. The value of currencies are influenced by a variety of factors, that include: interest rates, national debt levels and trade deficits, changes in balances of payments and trade, domestic and foreign interest and inflation rates, global or regional political, economic or financial events, monetary policies of governments, actual or potential government intervention, global energy prices, political instability and government monetary policies and the buying or selling of currency by a country's government. Investments in foreign currencies are subject to the risk that those currencies will decline in value relative to the US dollar or, in the case of hedged positions, that the US dollar will decline relative to the currency being hedged.

Currency exchange rates can be volatile and can change quickly and unpredictably, thereby impacting the value of the fund's investments.

Security selection risk. The securities in the fund's portfolio may decline in value. Portfolio management could be wrong in its analysis of industries, companies, economic trends, the relative attractiveness of different securities or other matters.

Small company risk. Small company stocks tend to be more volatile than medium-sized or large company stocks. Because stock analysts are less likely to follow small companies, less information about them is available to investors. Industry-wide reversals may have a greater impact on small companies, since they may lack the financial resources of larger companies. Small company stocks are typically less liquid than large company stocks.

Interest rate risk. When interest rates rise, prices of debt securities generally decline. The longer the duration of the fund's debt securities, the more sensitive the fund will be to interest rate changes. (As a general rule, a 1% rise in interest rates means a 1% fall in value for every year of duration.) Recent and potential future changes in monetary policy made by central banks or governments are likely to affect the level of interest rates. Rising interest rates may prompt redemptions from the fund, which may force the fund to sell investments at a time when it is not advantageous to do so, which could result in losses. The fund may be subject to a greater risk of rising interest rates due to the current period of historically low rates.

Liquidity risk. In certain situations, it may be difficult or impossible to sell an investment and/or the fund may sell certain investments at a price or time that is not advantageous in order to meet redemption requests or other cash needs. Unusual market conditions, such as an unusually high volume of redemptions or other similar conditions could increase liquidity risk for the fund.

Credit risk. The fund's performance could be hurt if an issuer of a debt security suffers an adverse change in financial condition that results in the issuer not making timely payments of interest or principal, a security downgrade or an inability to meet a financial obligation. Credit risk is greater for lower-rated securities.

Because the issuers of high yield debt securities, or junk bonds (debt securities rated below the fourth highest credit rating category), may be in uncertain financial health, the prices of their debt securities can be more vulnerable to bad economic news, or even the expectation of bad news, than investment-grade debt securities. Credit risk for high yield securities is greater than for higher-rated securities.

Counterparty risk. A financial institution or other counterparty with whom the fund does business, or that underwrites, distributes or guarantees any investments or contracts that the fund owns or is otherwise exposed to, may decline in financial health and become unable to honor its commitments. This could cause losses for the fund or could delay the return or delivery of collateral or other assets to the fund.

Pricing risk. If market conditions make it difficult to value some investments, the fund may value these investments using more subjective methods, such as fair value pricing. In such cases, the value determined for an investment could be different from the value realized upon such investment's sale. As a result, you could pay more than the market value when buying fund shares or receive less than the market value when selling fund shares.

Securities lending risk. Any decline in the value of a portfolio security that occurs while the security is out on loan is borne by the fund and will adversely affect performance. Also, there may be delays in recovery of securities loaned or even a loss of rights in the collateral should the borrower of the securities fail financially while holding the security.

Operational and technology risk. Cyber-attacks, disruptions, or failures that affect the fund's service providers or counterparties, issuers of securities held by the fund, or other market participants may adversely affect the fund and its shareholders, including by causing losses for the fund or impairing fund operations.

Active trading risk. Active securities trading could raise transaction costs (thus lowering returns) and could mean increased taxable distributions to shareholders and distributions that will be taxable to shareholders at higher federal income tax rates.



State of Illinois
Office of the Treasurer
BRIGHT START COLLEGE SAVINGS PROGRAM
INVESTMENT POLICY STATEMENT
Effective August 2019



1.0 Statement of Purpose of Investment Policy

The purpose of this Investment Policy Statement (the “Policy”) is to assist contractors retained by the Office of the Illinois State Treasurer (the “Treasurer”) to provide services related to the management of the assets of the Illinois College Savings Pool (the “Pool”) that are contributed to the Bright Start College Savings Program (the “Program”) and to assist the Treasurer in evaluating the performance of such contractors by:

- Describing the Treasurer’s investment objectives;
- Providing general guidelines for the investment of assets of the Program;
- Describing the Treasurer’s long-term investment strategy;
- Describing the process of evaluating the performance of employees or contractors that provide investment management services to the Program; and
- Specifying the responsibilities of any contractors that provide investment management services to the Program.

This is the official Policy of the Program. Deviation from this Policy is not permitted without prior, explicit, written permission from the Treasurer.

2.0 Establishment and Authority of Entity

The Program has been established as part of the Illinois College Savings Pool, and is intended to qualify as a qualified tuition program in accordance with Section 529 of the Internal Revenue Code of 1986, as amended. The Program was established to provide families with an opportunity to invest toward future college education expenses.

3.0 Investment Philosophy

The Treasurer has adopted a long-term total return strategy for the Program and its investments. To achieve the Program’s objectives, investments shall be diversified so as to minimize the risk of loss. While

some asset classes may experience short-term and intermediate-term volatility, their long-term return assumptions justify their inclusion. A long-term focus on investment results as well as prudent diversification across financial markets will be the primary risk control mechanisms.

In its investment strategy, the Treasurer relies on prevailing financial theory, which currently utilizes a long-term diversified asset allocation strategy. A prudently allocated investment program possesses a significant level of diversification, which produces risk reduction. In terms of impact, diversification shall be considered along the following lines: (1) asset classes (stocks, bonds, cash, etc.); (2) geography/country; (3) industry; (4) maturity; and (5) duration.

Contributions to the Program will be directed to one or more of the available Portfolios (the “Portfolios”), each composed of a designated mix of investments or an individual investment fund. The determination of the investment parameters of each Portfolio shall be made by the Treasurer and shall take into account the financial characteristics of the investments in the Program. The investment parameters will also give due consideration to the fact that the investment horizon for participants will vary from a few months to over 18 years.

The Treasurer will review the investment performance of each Portfolio at least quarterly and shall review this Policy at least annually.

The holdings of the Program and the Portfolios may be divided into the following broad asset categories:

- A. Short-Term Investments;
- B. Fixed Income Investments;
- C. Real Estate Investments;
- D. Domestic Equity Investments; and
- E. International Equity Investments.

The Treasurer will establish reasonable guidelines for each Portfolio, specifying (as applicable) limits on asset and asset class exposures, risk constraints and investment return objectives. While the investment parameters offered under the Program are developed by the Treasurer, participants bear the risk of investment results. Individual participants who seek investments materially different from those offered may wish to select an investment alternative outside of the Program.

The administration and offering of the Program should not be relied upon as a guarantee to participants. Each participant should seek appropriate advice as he or she deems necessary.

Consistent with achieving the foremost investment objectives of the Treasurer set forth herein, the Treasurer will endeavor to identify and evaluate investment managers that are more than 50% owned and/or managed by minorities, women, military veterans, or disabled persons.

Consistent with achieving the foremost investment objectives of the Treasurer set forth herein, the Treasurer will prudently exercise investment stewardship to maximize anticipated financial returns, minimize projected risk, and more effectively execute its fiduciary duty. Sustainability factors shall be implemented within such a framework predicated on the following:

- A. Prudent integration of material sustainability factors, including, but not limited to (1) corporate governance and leadership factors, (2) environmental factors, (3) social capital factors, (4) human capital factors, and (5) business model and innovation factors, as components of portfolio construction, investment decision-making, investment analysis and due diligence, prospective value proposition, risk management, and investment ownership, given that these tangible and intangible factors may have material and relevant financial impacts;
- B. Recurring evaluation of sustainability factors to ensure the factors are relevant and decision-useful to the Program and the evolving marketplace;
- C. Attentive oversight of investment holdings to encourage the advancement of sustainability accounting and disclosure through the exercise of proxy voting rights and engagement with entities – such as investment funds, investment holdings, portfolio companies, government bodies, and other organizations – and move the marketplace toward more prudent, sustainable business practices; and
- D. Consideration of other relevant factors such as legal, regulatory, and reputational risks that enable an optimal risk management framework and supports long-term investment value.

4.0 Investment Objectives

The overall investment program for the Program and, as applicable, the Portfolios provided to the participants shall seek to achieve the following long-term investment objectives:

- A. A long-term competitive rate of return on investments that is equal to or exceeds a return of the applicable benchmarks shown in Section 7.0 hereof; and
- B. An investment program flexible enough to meet the needs of participants based upon their age or investment objective and which provides each participant with the ability to invest in a diversified portfolio to meet his or her investment goals.

5.0 Investment Responsibilities

The Treasurer is responsible for the investment policy statement, the direction of investments and administration of the assets of the Program. In order to properly carry out his responsibilities, the Treasurer may rely on one or more contractors to assist in the administration of the Program. The Treasurer will engage and plan to rely heavily on said contractor (the “Manager”) for administrative services as well as the contractor’s pertinent investment advisor, should they retain one, for investment management services. The Treasurer also plans to rely heavily on an external investment consultant for investment advisory services. Among the current responsibilities of the Manager is the implementation of the investment strategy outlined in this Policy and the rebalancing of the Age-Based and Target Portfolios when market movement and/or cash flows cause an asset class to be outside its policy allocation bands. With the Treasurer’s approval, the Manager may retain an investment advisor to provide it with portfolio design, due diligence and ongoing monitoring services with respect to the Portfolios and the implementation of the investment strategy outlined in this Policy. The Treasurer and the Manager shall

meet quarterly to review portfolio performance as compared to the applicable benchmarks and peer group performance.

In managing the investments of the Program and the Portfolios, the Manager agrees that it will act with the skill, prudence and diligence under the circumstances then prevailing that a prudent person acting in a like capacity and familiar with such matters would use in the conduct of an enterprise of like character and with like objectives.

In addition, the Treasurer may engage an independent investment consultant that will:

- Measure investment performance results, evaluate the investment program, and advise the Treasurer as to the performance and continuing appropriateness of each investment manager;
- Recommend modifications to the investment policies, objectives, guidelines, or management structure as appropriate; and
- Promptly inform the Treasurer regarding significant matters pertaining to the investment program.

6.0 Investment Parameters

Contributions will be invested in one or more of the available Portfolios, each composed of a designated mix of investments or an individual investment fund, which is appropriate for the age of the participant or the investment objective of the Portfolio. Each Portfolio may allocate assets among domestic equity, international equity, real estate, fixed-income, and/or short-term investments. The asset allocation of each Portfolio will be established by the Treasurer and managed by the Manager. The Treasurer may adjust the weighting in stocks, bonds, real estate, and cash in each Portfolio and may change the underlying investment funds within the Portfolios consistent with this Policy.

The Policy target asset allocations and benchmarks for the underlying investments within the Age-Based and Target Portfolios are shown in the following table. There is a permissible range of plus or minus 10% of the target allocation for each underlying investment fund.

7.0 Plan Options

Direct Plan: Index Age-Based and Target Portfolios

Age-Based Portfolios		Age of Beneficiary										
		0 - 2	3 - 5	6 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 +		
Aggressive Option		0 - 2	3 - 5	6 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 +		
Moderate Option			0 - 2	3 - 5	6 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 +	
Conservative Option				0 - 2	3 - 5	6 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 +
Target Portfolios		Equity Portfolio				Balanced Portfolio						Fixed Income
Asset Class	Benchmark											
Domestic Equity	CRSP U.S. Total Market Index	57.0%	54.0%	49.0%	42.0%	36.0%	32.0%	25.0%	19.0%	14.0%	7.0%	0.0%
Real Estate	MSCI US REIT Index	7.0%	6.0%	5.0%	5.0%	5.0%	3.0%	3.0%	2.0%	2.0%	1.0%	0.0%
International Equity	FTSE Global All Cap ex US Index	36.0%	30.0%	26.0%	23.0%	19.0%	15.0%	12.0%	9.0%	4.0%	2.0%	0.0%
Domestic Fixed Income	BofA/Merrill Lynch – High Yield Master II Index	0.0%	1.0%	3.0%	5.0%	5.0%	6.0%	7.0%	5.0%	5.0%	3.0%	0.0%
	Bloomberg Barclays U.S. 1-5 Year Government / Credit Float Adjusted Index	0.0%	2.0%	4.0%	6.0%	9.0%	11.0%	14.0%	22.0%	25.0%	22.0%	20.0%
	Bloomberg Barclays U.S. Aggregate Float Adjusted Index	0.0%	4.0%	7.0%	11.0%	17.0%	23.0%	24.0%	25.0%	25.0%	25.0%	15.0%
	Bloomberg Barclays U.S. 0-5 Year TIPS Index	0.0%	2.0%	3.0%	4.0%	4.0%	4.0%	9.0%	13.0%	11.0%	14.0%	15.0%
Foreign Bonds	Bloomberg Barclays Global Aggregate ex-USD Float Adjusted RIC Capped Index (USD Hedged)	0.0%	1.0%	3.0%	4.0%	5.0%	6.0%	6.0%	5.0%	5.0%	3.0%	0.0%
Money Market	3-month T-Bills	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	9.0%	23.0%	50.0%

Direct Plan: Multi-Firm Age-Based and Target Portfolios

Age-Based Portfolios		Age of Beneficiary										
Aggressive Option		0 - 2	3 - 5	6 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 +		
Moderate Option			0 - 2	3 - 5	6 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 +	
Conservative Option				0 - 2	3 - 5	6 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 +
Target Portfolios		Equity Portfolio				Balanced Portfolio						Fixed Income
Asset Class	Benchmark											
Domestic Equity	Russell 1000 Value	12.0%	12.0%	11.0%	9.0%	8.0%	7.0%	6.0%	4.0%	3.0%	2.0%	0.0%
	S & P 500 Index	23.0%	20.0%	19.0%	16.0%	14.0%	12.0%	9.0%	7.0%	6.0%	2.0%	0.0%
	Russell 1000 Growth	12.0%	12.0%	11.0%	9.0%	8.0%	7.0%	6.0%	4.0%	3.0%	2.0%	0.0%
	Russell 2500 Value	5.0%	5.0%	4.0%	4.0%	3.0%	3.0%	2.0%	2.0%	1.0%	1.0%	0.0%
	Russell 2500 Growth	5.0%	5.0%	4.0%	4.0%	3.0%	3.0%	2.0%	2.0%	1.0%	0.0%	0.0%
Global Real Estate	FTSE EPRA/NAREIT Developed Real Estate Index	7.0%	6.0%	5.0%	5.0%	5.0%	3.0%	3.0%	2.0%	2.0%	1.0%	0.0%
International Equity	MSCI ACWI ex-U.S. Index	26.0%	22.0%	19.0%	17.0%	14.0%	12.0%	10.0%	7.0%	4.0%	2.0%	0.0%
	MSCI World ex-U.S. Small Cap Index	5.0%	4.0%	3.0%	3.0%	2.0%	1.0%	1.0%	1.0%	0.0%	0.0%	0.0%
	MSCI Emerging Markets Index	5.0%	4.0%	4.0%	3.0%	3.0%	2.0%	1.0%	1.0%	0.0%	0.0%	0.0%
Domestic Fixed Income	BofA/Merrill Lynch – High Yield Master II Index	0.0%	1.0%	2.0%	3.0%	3.0%	3.0%	4.0%	3.0%	3.0%	2.0%	0.0%
	Bloomberg Barclays 1-3 Year U.S. Government / Credit Bond Index	0.0%	2.0%	4.0%	6.0%	9.0%	11.0%	14.0%	22.0%	25.0%	22.0%	20.0%
	Bloomberg Barclays U.S. Aggregate Bond Index	0.0%	4.0%	7.0%	11.0%	17.0%	23.0%	24.0%	25.0%	25.0%	25.0%	15.0%
	Bloomberg Barclays U.S. 0-5 Year TIPS Index	0.0%	2.0%	3.0%	4.0%	4.0%	4.0%	9.0%	13.0%	11.0%	14.0%	15.0%
	Credit Suisse Leveraged Loan Index	0.0%	0.0%	1.0%	2.0%	2.0%	3.0%	3.0%	2.0%	2.0%	1.0%	0.0%
Global Bonds	Bloomberg Barclays Global Aggregate Index (Hedged)	0.0%	1.0%	3.0%	4.0%	5.0%	6.0%	6.0%	5.0%	5.0%	3.0%	0.0%
Money Market	3-month T-Bills	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	9.0%	23.0%	50.0%

*Benchmarks are subject to change as mutually agreed by the Treasurer and Manager in order to ensure that they remain appropriate for each underlying investment and consistent with industry standards.

Each underlying investment fund's return objective is to equal or exceed, over a five-year rolling period, the return of the applicable benchmark. Volatility, measured by the standard deviation of quarterly returns

over that period, is expected to be similar to the benchmark. Each underlying investment is also expected to perform favorably relative to its peer group.

To the extent that the assets of a Portfolio are invested in one or more underlying investments approved by the Treasurer having investment objectives consistent with the above-noted asset allocation categories, the above-noted percentage guidelines shall be deemed satisfied. This shall be the case even if such an underlying investment's assets may not be entirely invested in the asset class in which such underlying investment has been placed.

Individual Fund Portfolios:

To provide additional diversity and flexibility to participants the Individual Fund Portfolios and underlying investment funds the Treasurer selects will be described in the Program's current Program Disclosure Statement and may include the following asset classes:

Asset Class	Benchmark
Money Market	3 Month T-Bills
Short Term Fixed Income	Bloomberg Barclays 1-3 Year U.S. Government/Credit Bond Index Bloomberg Barclays U.S. 1-5 Year Government/Credit Float Adjusted Index
Core Bond	Bloomberg Barclays U.S. Aggregate Float Adjusted Index Bloomberg Barclays U.S. Aggregate Bond Index
High Yield Bonds	BofA/Merrill Lynch – High Yield Master II Index
Short Term U.S. TIPS	Bloomberg Barclays U.S. 0–5 Year TIPS Index
Foreign Bonds	Bloomberg Barclays Global Aggregate ex-USD Float Adjusted RIC Capped Index (USD Hedged)
Global Bonds	Bloomberg Barclays Global Aggregate Index (Hedged)
Bank Loans	Credit Suisse Leveraged Loan Index
Balanced	60% S&P 500 Index / 40% Bloomberg Barclays U.S. Aggregate Bond Index
All Cap US Equity	CRSP U.S. Total Market Index
Large Cap Value	Russell 1000 Value
Large Cap Blend	S&P 500 Index
Large Cap Growth	Russell 1000 Growth
Small-Cap Value	Russell 2500 Value
Small-Cap Growth	Russell 2500 Growth
All-Country Non-US	FTSE Global All Cap ex US Index
Emerging Market	MSCI Emerging Markets Index
Non-U.S. Small Cap	MSCI World ex-U.S. Small Cap Index
Real Estate	MSCI U.S. REIT Index FTSE EPRA/NAREIT Developed Real Estate Index

8.0 Minority- and Woman-Owned Portfolios

The Treasurer may also add additional Individual Fund Portfolios – for example, Minority, Woman, Veteran, and Disabled-Managed Portfolios – for participants who would like to have a more diverse set of investment options as new viable options become available.