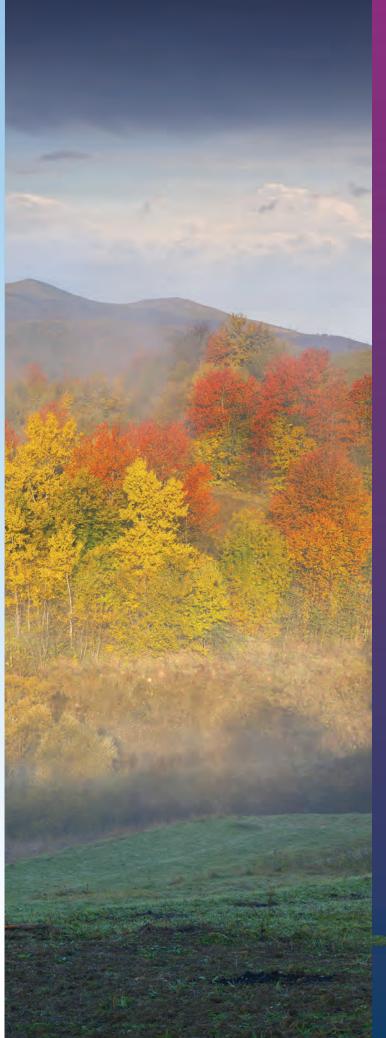
Appendix — 401(k) Savings and Profit-Sharing Plan Investment Options (Effective as of March 31, 2018)

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Spectrum of Plan Investment Options

TARGET DATE FUNDS

Investment options to the **left** have potentially more inflation risk and less investment risk

Investment options to the **right** have potentially less inflation risk and more investment risk

Lifecycle Funds

LifePath® Index Retirement Non-Lendable Fund N LifePath® Index 2020 Non-Lendable Fund N LifePath® Index 2025 Non-Lendable Fund N LifePath® Index 2030 Non-Lendable Fund N LifePath® Index 2035 Non-Lendable Fund N LifePath® Index 2040 Non-Lendable Fund N LifePath® Index 2045 Non-Lendable Fund N LifePath® Index 2050 Non-Lendable Fund N LifePath® Index 2055 Non-Lendable Fund N LifePath® Index 2060 Non-Lendable Fund N

Target date investments are represented on a separate spectrum because they are generally designed for investors expecting to retire around the year indicated in each investment's name. The investments are managed to gradually become more conservative over time. The investment risks of each target date investment change over time as its asset allocation changes. They are subject to the volatility of the financial markets, including equity and fixed income investments in the U.S. and abroad and may be subject to risks associated with investing in high yield, small cap and foreign securities. Principal invested is not guaranteed at any time, including at or after their target dates.



CATEGORY FUNDS

Investment options to the left have potentially more inflation risk and less investment risk

Investment options to the right have potentially less inflation risk and more investment risk

Conservative

Aggressive

Money Market	Stable Value	Bond		Domestic Equities		International/ Global	Specialty	Company Stock
Government Vanguard Federal Money Market Fund Investor Shares	Wells Fargo Stable Value Fund Class C	Diversified Dodge & Cox Income Fund Vanguard Total Bond Market Index Fund Institutional Shares Inflation- Protected Short-Term Inflation- Protected Securities Index Fund Admiral Shares	Large Value Fidelity® Large Cap Value Index Fund – Institutional Class Mid Value Fidelity® Low-Priced Stock Commingled Pool	Large Blend Spartan SM 500 Index Pool Class C Mid Blend Fidelity® Extended Market Index Fund – Premium Class Small Blend Nuveen NWQ Small-Cap Value Fund Class I	Large Growth Fidelity® Contrafund® – Class K Mid Growth William Blair Small Mid Cap Growth CIT – Class III	Diversified Fidelity® Global ex U.S. Index Fund – Institutional Premium Class Invesco International Growth Trust	Vanguard REIT Index Fund Institutional Shares	Chevron Corporation Stock Fund* ConocoPhillips Stock Fund* Phillips 66 Stock Fund*

This spectrum, with the exception of the Domestic Equity category, is based on Fidelity's analysis of the characteristics of the general investment categories of the investment options and not on the actual security holdings, which can change frequently. Investment options in the Domestic Equity category are based on the options' Morningstar categories as of 2/28/2018. Morningstar categories are based on a fund's style as measured by its underlying portfolio holdings over the past three years and may change at any time. These style calculations do not represent the investment options' objectives and do not predict the investment options' future styles. Investment options are listed in alphabetical order within each investment category, and the relative risk of categories may change under certain economic conditions. For a more complete discussion of risk associated with the mutual fund options, please read the prospectuses before making your investment decisions. The spectrum does not represent actual or implied performance.

* The Chevron Corporation Stock Fund, the ConocoPhillips Stock Fund, and the Phillips 66 Stock Fund are frozen to new contributions and exchanges in. These investment options are neither mutual funds nor diversified or managed investment options.

Fund Descriptions

The following are descriptions that are intended to provide an overview of your investment options available under the plan. For more detailed information, please read the prospectus (with respect to mutual funds) or fact sheets/similar documentation (with respect to collective trust funds).

Fund Name	Description
Chevron Corporation Stock Fund	 Ticker: N/A What It Is: A fund that allows you to own shares of stock of Chevron Corporation (CVX). Your ownership is measured in shares of the fund. This is neither a mutual fund nor a diversified or managed investment option. Goal: Seeks to increase the value of your investments over the long term by investing in CVX common stock. What it invests in: The value of your investment will vary depending on the performance of CVX and the overall stock market. Investing in a nondiversified single stock fund involves more risk than
	investing in a diversified fund. Share price and return will vary. Short-term Redemption Fee Note: None
	Who may want to invest: Someone who wants to own an individual stock and share in its gains or losses. Someone whose investment portfolio can withstand the higher risk of investment in a single stock.
	Footnotes: Chevron Phillips Chemical Company LP provided the description for this fund.
ConocoPhillips Stock Fund	Ticker: N/A What It Is: A fund that allows you to own shares of stock of ConocoPhillips (COP). Your ownership is measured in shares of the fund. This is neither a mutual fund nor a diversified or managed investment option.
	Goal: Seeks to increase the value of your investments over the long term by investing in COP common stock.
	What it invests in: The value of your investment will vary depending on the performance of COP and the overall stock market. Investing in a nondiversified single stock fund involves more risk than investing in a diversified fund. Share price and return will vary.
	Short-term Redemption Fee Note: None
	Who may want to invest: Someone who wants to own an individual stock and share in its gains or losses. Someone whose investment portfolio can withstand the higher risk of investment in a single stock.
	Footnotes: Chevron Phillips Chemical Company LP provided the description for this fund.



Fund Name	Description
Dodge & Cox	Ticker: DODIX
Income Fund	Objective: The investment seeks a high and stable rate of current income, consistent with long-term preservation of capital.
	Strategy: The fund invests in a diversified portfolio of high-quality bonds and other debt securities. Under normal circumstances, the fund will invest at least 80% of its total assets in (1) investment- grade debt securities and (2) cash equivalents. "Investment grade" means securities rated Baa3 or higher by Moody's Investors Service, or BBB- or higher by Standard & Poor's Ratings Group or Fitch Ratings, or equivalently rated by any nationally recognized statistical rating organization, or, if unrated, deemed to be of similar quality by Dodge & Cox.
	Risk: In general the bond market is volatile, and fixed income securities carry interest rate risk. (As interest rates rise, bond prices usually fall, and vice versa. This effect is usually more pronounced for longer-term securities.) Fixed income securities also carry inflation risk and credit and default risks for both issuers and counterparties. Unlike individual bonds, most bond funds do not have a maturity date, so avoiding losses caused by price volatility by holding them until maturity is not possible. Additional risk information for this product may be found in the prospectus or other product materials, if available.
	Short-term Redemption Fee Note: None
	Who may want to invest: Someone who is seeking potential returns primarily in the form of interest dividends rather than through an increase in share price. Someone who is seeking to diversify an equity portfolio with a more conservative investment option.
	Footnotes: This description is only intended to provide a brief overview of the mutual fund. Read the fund's prospectus for more detailed information about the fund.
Fidelity®	Ticker: FCNKX
Contrafund® – Class K	Objective: Seeks capital appreciation.
	Strategy: Investing in securities of companies whose value FMR believes is not fully recognized by the public. Investing in either "growth" stocks or "value" stocks or both. Normally investing primarily in common stocks.
	Risk: The value of the fund's domestic and foreign investments will vary from day to day in response to many factors. Stock values fluctuate in response to the activities of individual companies, and general market and economic conditions. Investments in foreign securities involve greater risk than U.S. investments. You may have a gain or loss when you sell your shares.
	Short-term Redemption Fee Note: None
	Who may want to invest: Someone who is seeking the potential for long-term share-price appreciation. Someone who is willing to accept the generally greater price volatility associated with growth-oriented stocks.
	Footnotes: This description is only intended to provide a brief overview of the fund. Read the fund's prospectus for more detailed information about the fund. On May 9, 2008, an initial offering of the retirement (K) class took place. Returns and expenses prior to that date are those of the non-K, non-advisor class. Had K class expenses been reflected in the returns shown, total returns would have been higher.

Fund Name	Description
Fidelity® Extended Market Index Fund – Premium Class	Ticker: FSEVX Objective: Seeks to provide investment results that correspond to the total return stocks of mid- to small-capitalization United States companies.
	Strategy: Normally investing at least 80% of assets in common stocks included in the Dow Jones U.S. Completion Total Stock Market Index, which represents the performance of stocks of mid- to small-capitalization U.S. companies.
	Risk: Stock markets, especially foreign markets, are volatile and can decline significantly in response to adverse issuer, political, regulatory, market, or economic developments. Investments in smaller companies may involve greater risks than those in larger, more well known companies.
	Short-term Redemption Fee Note: None
	Who may want to invest: Someone who is seeking the potential for long-term share-price appreciation and, secondarily, dividend income. Someone who is seeking both growth- and value-style investments and who is willing to accept the generally greater volatility of investments in smaller companies.
	Footnotes: This description is only intended to provide a brief overview of the mutual fund. Read the fund's prospectus for more detailed information about the fund. The Dow Jones U.S. Completion Total Stock Market Index is an unmanaged index that represents all U.S. equity issues with readily available prices, excluding components of the S&P 500. Returns prior to October 14, 2005 are those of the Investor Class and reflect the Investor Class' expense ratio. Had the Premium Class' expense ratio been reflected, total returns would have been higher.
Fidelity® Global ex	Ticker: FSGGX
U.S. Index Fund – Institutional Premium	Objective: Seeks to provide investment results that correspond to the total return of foreign developed and emerging stock markets.
Class	Strategy: Normally investing at least 80% of assets in securities included in the MSCI ACWI (All Country World Index) ex USA Index and in depository receipts representing securities included in the index. Using statistical sampling techniques based on such factors as capitalization, industry exposures, dividend yield, price/earnings ration, price/book ratio, earnings growth, country weightings, and the effect of foreign taxes to attempt to replicate the returns of the MSCI ACWI ex USA Index. Lending securities to earn income for the fund.
	Risk: Stock markets, especially foreign markets, are volatile and can decline significantly in response to adverse issuer, political, regulatory, market, or economic developments. Foreign securities are subject to interest rate, currency exchange rate, economic, and political risks, all of which are magnified in emerging markets.
	Short-term Redemption Fee Note: None
	Who may want to invest: Someone who is seeking to complement a portfolio of domestic investments with international investments, which can behave differently. Someone who is willing to accept the higher degree of risk associated with investing overseas.
	Footnotes: This description is only intended to provide a brief overview of the mutual fund. Read the fund's prospectus for more detailed information about the fund. The MSCI All Country World Ex-US Index is a recognized benchmark of non-U.S. stock markets. It is an unmanaged market value-weighted index composed of a sample of companies representative of the market structure of 49 countries and includes reinvestment of all dividends. The MSCI AC World Ex-US Index, when including or excluding securities, takes into account any limitations that an international investor would experience when investing directly in such securities. The index contains both developed and emerging market securities.

Fund Name	Description
Fidelity® Large Cap Value Index Fund – Institutional Class	Ticker: FLCMX Objective: Seeks to provide investment results that correspond to the total return of stocks of large capitalization U.S. companies.
	Strategy: Normally investing at least 80% of assets in securities included in the Russell 1000 Value Index, which is a market capitalization-weighted index designed to measure the performance of the large-cap value segment of the U.S. equity market. Lending securities to earn income for the fund.
	Risk: Stock markets, especially foreign markets, are volatile and can decline significantly in response to adverse issuer, political, regulatory, market, or economic developments. Value stocks can perform differently than other types of stocks and can continue to be undervalued by the market for long periods of time. Fund and index performance may vary somewhat due to factors such as transaction costs, sample selection, and timing differences associated with index additions and deletions.
	Short-term Redemption Fee Note: None
	Who may want to invest: Someone who is seeking the potential for long-term share-price appreciation and, secondarily, dividend income. Someone who is comfortable with the volatility of large-cap stocks and value-style investments.
	Footnotes: This description is only intended to provide a brief overview of the mutual fund. Read the fund's prospectus for more detailed information about the fund. The Russell 1000 Value Index is an unmanaged market capitalization-weighted index of value-oriented stocks of the largest U.S. domiciled companies that are included in the Russell 1000 Index. Value-oriented stocks tend to have lower price-to-book ratios and lower forecasted growth values.
Fidelity [®] Low-Priced	Ticker: N/A
Stock Commingled	Objective: Seeks capital appreciation.
Pool	Strategy: Normally invests primarily in common stocks. Normally investing at least 80% of assets in low-priced stocks (those priced at or below \$35 per share), which can lead to investments in small and medium-sized companies. Potentially investing in stocks not considered low-priced. Investing in domestic and foreign issuers. Investing in either "growth" or "value" stocks or both.
	Risk: Stock values fluctuate in response to the activities of individual companies, and general market and economic conditions. Foreign markets can be more volatile than the U.S. market due to increased risks of adverse issuer, political, regulatory, market, or economic developments and can perform differently from the U.S. market. You may have a gain or loss when you sell your shares. The securities of small, less well-known companies may be more volatile than those of larger companies. Investments in foreign securities involve risks in addition to those of U.S. investments, including increased political and economic risk, as well as exposure to currency fluctuations.
	Short-term Redemption Fee Note: None
	Who may want to invest: Someone who is seeking the potential for long-term share-price appreciation. Someone who is comfortable with value-style investments and the potentially greater volatility of investments in smaller companies.
	Footnotes: The Fidelity® Low-Priced Stock Commingled Pool is a collective investment trust managed by Fidelity Management Trust Company (FMTC). It is not a mutual fund, nor is it insured by the FDIC. The Fidelity® Low-Priced Stock Commingled Pool is maintained by FMTC under the Fidelity Group Trust for Employee Benefit Plans. This description is only intended to provide a brief overview of this investment option, which is available only to certain qualified plans and is not offered to the general public. This investment option is not a mutual fund.

Description
Ticker: N/A
Objective: Seeks long-term growth of capital.
Strategy: The Fund invests primarily in equity securities and depositary receipts of foreign issuers. The principal types of equity securities in which the Fund invests are common and preferred stock. The Fund invests, under normal circumstances, in securities of issuers located in at least three different countries outside of the U.S. The Fund invests primarily in securities of issuers that are considered by the Fund's portfolio managers to have potential for earnings or revenue growth. The Fund invests primarily in the securities of large-capitalization issues; however, the Fund may invest a significant amount of its net assets in the securities of mid-capitalization issuers. The portfolio managers employ a disciplines investment strategy that emphasizes fundamental research to identify quality growth companies and is supported by a quantitative analysis, portfolio construction and risk management techniques. Investments for the portfolio are selected bottom-up on a security-by-security basis. The focus is on the strengths of individual issuers, rather than sector or country trends. The portfolio managers may consider selling a security for several reasons, including when (1) its price changes such that they believe it has become too expensive, (2) the original investment thesis for the company is no longer valid, or (3) a more compelling investment opportunity is identified. In anticipation of or in response to market, economic, political, or other conditions, the Fund's portfolio managers do so, different investment strategy for defensive purposes. If the Fund's portfolio managers do so, different factors could affect the Fund's performance and the Fund may not achieve its investment objective.
Risk: Foreign securities are subject to interest-rate, currency-exchange-rate, economic, and political risks, all of which may be magnified in emerging markets. Growth stocks can perform differently from the market as a whole and can be more volatile than other types of stocks. Stock markets are volatile and can decline significantly in response to adverse issuer, political, regulatory, market, economic or other developments. Additional risk information for this product may be found in the prospectus or other product materials, if available.
Short-term Redemption Fee Note: None
Who may want to invest: Someone who is seeking to complement a portfolio of domestic investments with international investments, which can behave differently. Someone who is willing to accept the higher degree of risk associated with investing overseas.
Footnotes: The investment option is a collective investment trust. It is managed by Invesco. This description is only intended to provide a brief overview of the fund. Please see the fund's Fact Sheet for more detailed information about the fund. This investment option is not a mutual fund.
(continued)

Fund Name	Description
LifePath® Index 2020	Ticker: N/A
Non-Lendable Fund N	Objective: The Fund provides for retirement outcomes consistent with investor preferences throughout the savings and draw down phase based on quantitatively measured risk that investors, on average, may be willing to accept.
	Strategy: The Fund is a collective investment trust maintained and managed by BlackRock Institutional Trust Company, N.A. ("BTC"). The Fund shall be invested and reinvested in securities and other assets with the objective of providing for retirement outcomes consistent with investor preferences throughout the savings and drawdown phase based on quantitatively measured risk that investor, on average, may be willing to accept. In pursuit of that objective, the Fund will be broadly diversified across global asset classes, with asset allocations becoming more conservative over time if the Fund has a year in its name. The Fund's investments may include: equity securities (including those issued by real estate companies); depository receipts; debt securities and other fixed income obligations (including those issued or guaranteed by the U.S. government, its agencie or instrumentalities, and those issued by corporations or other entities); mortgage-backed securities; other asset-backed securities; and/a/c cash equivalents. The Fund may invest in securities and other obligations of U.S. issuers or non-U.S. issuers, and those issuers may be of any market capitalization. The Fund's fixed income investments may be investmentsgrade or non-investment grade, and may include securities and/or to gain exposure to commodities. The difference between the normal and current securities holdings for the Fund avaptions. When deemed appropriate by BTC, the Fund may invest in futures contracts, swaps and options. When determed asset allocations will gradually change over the investment horizon of the Fund to become more heavily oriented transactions and bey for the fund site intervesting in the asset allocation model used by BTC to manage the Fund. The normal asset allocations will gradually change over the investment horizon of the Fund to become more heavily oriented toward debt and debtike securities. As time passes, the Fund is managed more conservatively — prior to retirement date approaches. The fund approaches its target dat

Fund Name	Description
Fund Name LifePath® Index 2020 Non-Lendable Fund N (continued)	Risk: Any of the principal risks summarized below may adversely affect the Fund's net asset value, performance, and ability to meet its investment objective. An investment in the Fund is not a bank deposit, is not guaranteed by BlackRock, Inc. or any of its affilitaes, and is not insured by the Federal Deposit Insurence Corporation or any other agency of the U.S. government. Underlying Fund Risk. The investment objective and strategies of an Underlying Fund in which the Fund invests may differ from the Fund, and there is no assurance that an Underlying Fund will achieve its objective. Active Strategy Risk. Active strategies could result in undergromance as compared to funds with similar investment objectives and strategies. Equity Investment Risk . The price of an equity security fluctuates based on changes in the issuer's financial condition and overall market and economic conditions. Equity securities are subject to changes in value that may be more volatile than other asset classes. Fixed Income Investment Risk . An increase in interest rates may cause the value of fixed income securities held by the Fund to decline. The Fund's income may decline when interest rates fall. Debt issuers may not honor their obligations. Securities that are rated below investment grade may be more volatile and less liquid than higherrated securities of similar maturity. Foreign Investment Risk . The Fund may suffer losses due to political, legal, economic and geographic events affecting a non-U.S. issuer or market. The prices of non-U.S. securities no any be more volatile than those of securities tissued by U.S. corporations or other U.S. entities. Securities of non-U.S. issuers denominated in non-U.S. currencies will expose the Fund to fluctuations in foreign currency exchange prices. Target Date Risk . Risk associated with "target date" funds include the risk of losses close to or after the target retirement date. There is also no guarantee that Fund will provide adequate income for an investor's retirement. Asset Alloc
	Short-term Redemption Fee Note: None
	Who may want to invest: Someone who is seeking an investment option that gradually becomes more conservative over time and who is willing to accept the volatility of the markets. Someone who is seeking a diversified mix of stocks, bonds, and short-term investments in one investment option or who does not feel comfortable making asset allocation choices over time.
	Footnotes: The investment option is a collective investment trust. The trustee is BlackRock Institutional Trust Company, N.A. It is managed by BlackRock. This description is only intended to provide a brief overview of the fund. This investment option is not a mutual fund. The inception date of this Pool was 03/01/2012. The earliest share class of this Pool had an inception date of 01/23/2009. Performance between the inception date of the earliest share class and the inception date of this Pool was calculated by subtracting this Pool's management fee and the Pool's net administrative expenses for that period from the Pool's gross performance.

ifePath® Index 2025	Ticker: N/A
Non-Lendable Fund N	Objective: The Fund provides for retirement outcomes consistent with investor preferences throughout the savings and draw down phase based on quantitatively measured risk that investors, on average, may be willing to accept.
	Strategy: The Fund is a collective investment trust maintained and managed by BlackRock Institutional Trust Company, N.A. ("BIC"). The Fund shall be invested and reinvested in securities and other assets with the objective of providing for retirement outcomes consistent with investor preferences throughout the savings and drawdown phase based on quantitatively measured risk that investors, on average, may be willing to accept. In pursuit of that objective, the Fund will be broadly diversified across global asset classes, with asset allocations becoming more conservative over time if the Fund has a year in its name. The Fund's investments may include: equity securities (including those issued by real estate companies); depository receipts; debt securities and other fixed income obligations (including those issued or guaranteed by the U.S. government, its agencies or instrumentalities, and those issued by corporations or other entities); mortgage-backed securities; other assetbacked securities; commodities; and/or cash equivalents. The Fund may invest in securities and other obligations of U.S. issuers or non-U.S. issuers, and those issuers may be of any market capitalization. The Fund's fixed income investments may be investment grade or non-investment grade, and may include securities and other obligations of any matiruity. In addition to, or in lieu of, investing in the assets listed above, the Fund may engage in structured transactions in these asset classes, as well as overthe-counter forward contracts, swaps and options. When deemed appropriate by BIC, the Fund may invest in futures contracts, for the purpose of acting as a temporary substitute for investment in securities holdings for the Fund varies over time and is based on the factors analyzed by the asset allocation model used by BIC to manage the Fund. The normal asset allocations will gradually change over the investment torizon of the Fund is a managed more conservatively — prior to retirement — in terms of its allocation to equity securities and

Fund Name	Description
Fund Name LifePath® Index 2025 Non-Lendable Fund N (continued)	Risk: Any of the principal risks summarized below may adversely affect the Fund's net asset value, performance, and ability to meet its investment objective. An investment in the Fund is not a bank deposit, is not guaranteed by BlackRock, Inc. or any of its affiliates, and is not insured by the Federal Deposit Insurance Corporation or any other agency of the U.S. government. Underlying Fund Risk. The investment objective and strategies of an Underlying Fund in which the Fund invests may differ from the Fund, and there is no assurance that an Underlying Fund will achieve its objective. Active Strategy Risk. Active strategies could result in underperformance as compared to funds with similar investment objectives and strategies. Equity Investment Risk. The price of an equity security fluctuates based on changes in the issuer's financial condition and overall market and economic conditions. Equity securities are subject to changes in value that may be more volatile than other asset classes. Fixed Income Investment Risk. An increase in interest rates may cause the value of fixed income securities held by the Fund to decline. The Fund's income may decline when interest rates fall. Debt issuers may not honor their obligations. Securities that are rated below investment grade may be more volatile than dues of securities issued by U.S. corporations or other U.S. escurities of non-U.S. issuers denominated in non-U.S. currencies will expose the Fund to fluctuations in foreign currency exchange prices. Targe Date Risk. Risk associated with "target date" funds include the risk of losses close to or alter the target retimement date. There is also no guarantee that the Fund will provide adequate income for an investor's retirement. Asset Allocatior Model Risk. The value of commodity-linked derivative investments may be significantly affected by changes in interest rates, or factors affecting a particular risk profiles. Securities Related Investment Risk. The value of commodity-linked derivative investments may be s
	Short-term Redemption Fee Note: None
	Who may want to invest: Someone who is seeking an investment option that gradually becomes more conservative over time and who is willing to accept the volatility of the markets. Someone who is seeking a diversified mix of stocks, bonds, and short-term investments in one investment option or who does not feel comfortable making asset allocation choices over time.
	Footnotes: The investment option is a collective investment trust. The trustee is BlackRock Institutional Trust Company, N.A. It is managed by BlackRock. This description is only intended to provide a brief overview of the fund. This investment option is not a mutual fund. The inception date of this Pool was 03/01/2012. The earliest share class of this Pool had an inception date of 01/23/2009. Performance between the inception date of the earliest share class and the inception date of this Pool was calculated by subtracting this Pool's management fee and the Pool's net administrative expenses for that period from the Pool's gross performance.

Fund Name	Description
Fund Name LifePath® Index 2030 Non-Lendable Fund N	Description Ticker: N/A Objective: The Fund provides for retirement outcomes consistent with investor preferences throughout the savings and draw down phase based on quantilatively measured risk that investors, on average, may be willing to accept. Strategy: The Fund is a collective investment trust maintained and managed by BlackRock Institutional Trust Company, N.A. ("BTC"). The Fund shall be invested and reinvested in securities and other assets with the objective of providing for retirement outcomes consistent with investor preferences throughout the savings and drawdown phase based on quantitatively measured risk that investors, on average, may be willing to accept. In pursuit of that objective, the Fund will be braadly diversified across global asset classes, with asset allocations becoming more conservative over time if the Fund has a veri in its name. The Fund's investments may include: equity securities (including those issued by carporations or other entities), mortgage-backed securities; other assetbacked securities; commodities; and/or cash equivalents. The Fund may invest in securities and other obligations (including those issued by corporations or other entities), mortgage-backed securities; onnon-investment grade, and may include securities and other obligations of any market capitalization. The Fund's fixed income investments may be investment just and ama vince securities and other obligations of any market capitalization. The Fund's fixed income investments may be investment fraced, and may include securities and other obligations of any market capitalization. The Fund's fixed income investments may be investment insect classes, as well as overthe-counter forward contracts, swaps and options. When deemed appropriate by BTC, the Fund any invest in futures contracts, swaps and options. When define accebstween the normal and current securities. As time passes, the Fund is ananged more conservatively — prior to retirement — in terms of its allocation to equity securities a





LifePath® Index 2030 Non-Lendable Fund N (continued)	Description Risk: Any of the principal risks summarized below may adversely affect the Fund's net asset value, performance, and ability to meet its investment objective. An investment in the Fund is not a bank deposit, is not guaranteed by BlackRock, Inc. or any of its affiliates, and is not insured by the Federal Deposit Insurance Corporation or any other agency of the U.S. government. Underlying Fund Risk. The investment objective and strategies of an Underlying Fund in which the Fund invests may differ from the Fund, and there is no assurance that an Underlying Fund will achieve its objective. Active Strategy Risk. Active strategies could result in underperformance as compared to funds with similar investment objectives and strategies. Equity Investment Risk. The price of an equity security fluctuates based on changes in the issuer's financial condition and overall market
Non-Lendable Fund N (continued)	performance, and ability to meet its investment objective. An investment in the Fund is not a bank deposit, is not guaranteed by BlackRock, Inc. or any of its affiliates, and is not insured by the Federal Deposit Insurance Corporation or any other agency of the U.S. government. Underlying Fund Risk. The investment objective and strategies of an Underlying Fund in which the Fund invests may differ from the Fund, and there is no assurance that an Underlying Fund will achieve its objective. Active Strategy Risk. Active strategies could result in underperformance as compared to funds with similar investment objectives and strategies. Equity Investment Risk. The price of an
	and economic conditions. Equity securities are subject to changes in value that may be more volatile than other asset classes. Fixed Income Investment Risk. An increase in interest rates may cause the value of fixed income securities hald by the Fund to decline. The Fund's income may decline when interest rates fall. Debt issuers may not honor their obligations. Securities that are rated below investment grade may be more volatile and less liquid than higherrated securities of similar maturity. Foreign Investment Risk. The Fund may suffer losses due to political, legal, economic and geographic events affecting a non-U.S. issuer or market. The prices of non-U.S. securities may be more volatile than those of securities issued by U.S. corporations or other U.S. entities. Securities of non-U.S. issuers denominated in non-U.S. currencies will expose the Fund to fluctuations in foreign currency exchange prices. Target Date Risk. Risk associated with "target date" funds include the risk of losses close to or after the target retirement date. There is also no guarantee that the Fund will provide adequate income for an investor's retirement. Asset Allocation Model Risk. The sate allocation model may not effectively maximize returns or minimize risk, or be appropriate for every investor seeking a particular risk profile. Commodities-Related Investment Risk. The value of commodity-linked derivative investments may be significantly affected by changes in overall market movements, commodity index volatility, changes in interest rates, or factors offecting a particular industry or commodity. Such as drought, floods, weather, embargoes, tariffs and international economic, political and regulatory developments. Securities Lending Risk. The Fund may engage in securities lending involves the risk that the Fund may lose money because the borrower of the Fund's securities fails to return the securities in a timely manner or a decline in the value of any investments made with cash collateral. Derivatives Risk. Investo
	a brief overview of the fund. This investment option is not a mutual fund. The inception date of this Pool was 03/01/2012. The earliest share class of this Pool had an inception date of 01/23/2009. Performance between the inception date of the earliest share class and the inception date of this Pool was calculated by subtracting this Pool's management fee and the Pool's net administrative expenses for that period from the Pool's gross performance.

Fund Name	Description
Fund Name LifePath® Index 2035 Non-Lendable Fund N	Ticker: N/A Objective: The Fund provides for retirement outcomes consistent with investor preferences throughou the savings and draw down phase based on quantitatively measured risk that investors, on average, may be willing to accept. Strategy: The Fund is a collective investment trust maintained and managed by BlackRock Institutional Trust Company, N.A. ("BTC"). The Fund shall be invested and reinvested in securities and other assets with the objective of providing for retirement outcomes consistent with investor preferences throughout the savings and drawdown phase based on quantitatively measured risk that investors, on average, may be willing to accept. In pursuit of that objective, the Fund will be broadly diversified across global asset classes, with asset allocations becoming more conservative over time if the Fund has a year in its name. The Fund's investments may include: equity securities (including those issued by real estate companies); depository receipts; debt securities and other fixed income obligations (including those issued or guaranteed by the U.S. government, its agencie- rise asset-backed securities; commodities; and/or cash equivalents. The Fund may invest in securities and other obligations of U.S. issuers on nor-U.S. issuers, and those issuers may be of any market capitalization. The Fund's fixed income investments may be investment-grade or non-investment grade, and may include securities and other obligations of any maturity. In addition to, or in lieu of, investing in the assets listed above, the Fund may engage in structured transactions in these asset classes, as well as overthe-counter forward contracts, for the purpose of acting as a temporary substitute for investment in securities and/or to gain exposure to commodities. The difference between the normal and current securities holdings for the fund varies over time and is based on the factors analyzed by the asset allocation model used by BTC to manage the Fund. The normal asset allocations will gradually



Fund Name	Description
LifePath® Index 2035 Non-Lendable Fund N (continued)	Risk: Any of the principal risks summarized below may adversely affect the Fund's net asset value, performance, and ability to meet its investment objective. An investment in the Fund is not a bank deposit, is not guaranteed by BlackRock, Inc. or any of its affiliates, and is not insured by the Federal Deposit Insurance Corporation or any other agency of the U.S. government. Underlying Fund Risk. The investment objective and strategies of an Underlying Fund in which the Fund invests may differ from the Fund, and there is no assurance that an Underlying Fund will achieve its objective. Active Strategy Risk. Active strategies could result in underperformance as compared to funds with similar investment objectives and strategies. Equity Investment Risk. The price of an equity security fluctuates based on changes in the issuer's financial condition and overall market and economic conditions. Equity securities are subject to changes in value that may be more volatile than other asset classes. Fixed Income Investment Risk. An increase in interest rates may cause the value of fixed income securities held by the Fund to decline. The Fund's income may decline when interest rates fall. Debt issuers may not honor their obligations. Securities that are rated below investment grade may be more volatile than dues of securities issued by U.S. corporations or other U.S. escurities of non-U.S. issuers denominated in non-U.S. currencies will expose the Fund to fluctuations in foreign currency exchange prices. Targe Date Risk. Risk associated with "target date" funds include the risk of losses close to or alter the target retimement date. There is also no guarantee that the Fund will provide adequate income for an investor's retirement. Asset Allocatior Model Risk. The value of commodity-linked derivative investments may be significantly affected by changes in interest rates, or factors affecting a particular risk profiles. Securities Related Investment Risk. The value of commodity-linked derivative investments may be s
	Short-term Redemption Fee Note: None
	Who may want to invest: Someone who is seeking an investment option that gradually becomes more conservative over time and who is willing to accept the volatility of the markets. Someone who is seeking a diversified mix of stocks, bonds, and short-term investments in one investment option or who does not feel comfortable making asset allocation choices over time.
	Footnotes: The investment option is a collective investment trust. The trustee is BlackRock Institutional Trust Company, N.A. It is managed by BlackRock. This description is only intended to provide a brief overview of the fund. This investment option is not a mutual fund. The inception date of this Pool was 03/01/2012. The earliest share class of this Pool had an inception date of 01/23/2009. Performance between the inception date of the earliest share class and the inception date of this Pool was calculated by subtracting this Pool's management fee and the Pool's net administrative expenses for that period from the Pool's gross performance.

Fund Name	Description
Fund Name LifePath® Index 2040 Non-Lendable Fund N	Description Ticker: N/A Objective: The Fund provides for retirement outcomes consistent with investor preferences throughor the savings and draw down phase based on quantitatively measured risk that investors, on average, may be willing to accept. Strategy: The Fund is a collective investment trust maintained and managed by BlackRock Institutional Trust Company, N.A. ("BTC"). The Fund shall be invested and reinvested in securities and other assets with the objective of providing for retirement outcomes consistent with investor preferences throughout the savings and drawdown phase based on quantitatively measured risk that investors, on average, may be willing to accept. In pursuit of that objective, the Fund will be broadly diversified across global asset classes, with asset allocations becoming more conservative over time if the Fund has a year in its name. The Fund's investments may include: equity securities including those issued by real estate companies); depository receipts; debt securities and other fixed income obligations (including those issued or guaranteed by the U.S. government, its agenci or instrumentalities, and those issued by corporations or other entities); mortgage-backed securities ther asset-backed securities; commodities; and/or crash equivalents. The Fund may invest in securities and other obligations of U.S. issuers or non-U.S. issuers, and those issuers may be of any market capitalization. The Fund's fixed income investments may be investment-grade or non-investment grade, and may include securities and other obligations of any maturity. In addition to, or in lieu of, investing in the assets listed above, the Fund may engage in structured transactions in these asset classes, as well as overther-counter forward contracts, sorups and options. When deemed appropriate by BTC, the Fund may invest in futures contracts, for the purpose of acting as a temporary substitute for investment in securities holdings to the fund varies over time and is based on the factors analyzed by the ass



Fund Name	Description
LifePath® Index 2040 Non-Lendable Fund N (continued)	Risk: Any of the principal risks summarized below may adversely affect the Fund's net asset value, performance, and ability to meet its investment objective. An investment in the Fund is not a bank deposit, is not guaranteed by BlackRock, Inc. or any of its affiliates, and is not insured by the Federal Deposit Insurance Corporation or any other agency of the U.S. government. Underlying Fund Risk. The investment objective and strategies of an Underlying Fund in which the Fund invests may differ from the Fund, and there is no assurance that an Underlying Fund will achieve its objective. Active Strategy Risk. Active strategies could result in undergrent fund will achieve its objective. Active Strategy Risk. Active strategies could result in undergrent fund will achieve its objective. Active Strategy Risk. Active strategies could result in undergrent Risk. The price of an equity security fluctuates based on changes in the issuer's financial condition and overall market and economic conditions. Equity securities are subject to changes in value that may be more volatile than other asset classes. Fixed Income Investment Risk. An increase in interest rates may cause the value of fixed income securities held by the Fund to decline. The Fund's income may decline when interest rates fall. Debt issuers may not honor their obligations. Securities that are rated below investment grade may be more volatile and less liquid than higherrated securities of similar maturity. Foreign Investment Risk. The Fund may suffer losses due to political, legal, economic and geographic events affecting a non-U.S. issuer or market. The prices of non-U.S. securities may be more volatile than those of securities tissed by U.S. corporations or other U.S. entites. Securities of non-U.S. issuers denominated in non-U.S. currencies will expose the Fund to fluctuations in foreign currency exchange prices. Target Date Risk, Risk associated with "target date" funds include the risk of losses close to or after the target retirement date. There is also
	Short-term Redemption Fee Note: None
	Who may want to invest: Someone who is seeking an investment option that gradually becomes more conservative over time and who is willing to accept the volatility of the markets. Someone who is seeking a diversified mix of stocks, bonds, and short-term investments in one investment option or who does not feel comfortable making asset allocation choices over time.
	Footnotes: The investment option is a collective investment trust. The trustee is BlackRock Institutional Trust Company, N.A. It is managed by BlackRock. This description is only intended to provide a brief overview of the fund. This investment option is not a mutual fund. The inception date of this Pool was 03/01/2012. The earliest share class of this Pool had an inception date of 01/23/2009. Performance between the inception date of the earliest share class and the inception date of this Pool was calculated by subtracting this Pool's management fee and the Pool's net administrative expenses for that period from the Pool's gross performance.

Fund Name	Description
Fund Name LifePath® Index 2045 Non-Lendable Fund N	 Description Ticker: N/A Objective: The Fund provides for retirement outcomes consistent with investor preferences throughout the savings and draw down phase based on quantitatively measured risk that investors, on average, may be willing to accept. Strategy: The Fund is a collective investment trust maintained and managed by BlackRock Institutional Trust Company, N.A. ("BTC"). The Fund shall be invested and reinvested in securities and other assets with the objective of providing for retirement outcomes consistent with investor preferences throughout the savings and drawdown phase based on quantitatively measured risk that investors, on average, may be willing to accept. In pursuit of that objective, the Fund will be broadly diversified across global asset classes, with asset allocations becoming more conservative over time if the Fund has a year in its name. The Fund's investments may include: equity securities (including those issued by real estate companies); depository receipts; debt securities and other assetbacked securities; commodities; and/or cash equivalents. The Fund may invest in securities and other obligations of U.S. issuers or non-U.S. issuers, and those issuers may be of any market capitalization. The Fund's fixed income investment grade, and may include securities and other obligations of any market capitalization.
	to, or in lieu ot, investing in the assets listed above, the Fund may engage in structured transactions in these asset classes, as well as over-the-counter forward contracts, swaps and options. When deemed appropriate by BTC, the Fund may invest in futures contracts, for the purpose of acting as a temporary substitute for investment in securities and/or to gain exposure to commodities. The difference between the normal and current securities holdings for the Fund varies over time and is based on the factors analyzed by the asset allocation model used by BTC to manage the Fund. The normal asset allocations will gradually change over the investment horizon of the Fund to become more heavily oriented toward debt and debt-like securities. As time passes, the Fund is managed more conservatively — prior to retirement — in terms of its allocation to equity securities and markets, on the premise that individuals investing for retirement desire to reduce investment risk in their retirement accounts as their retirement date approaches. The trajectory along which asset allocations are adjusted over time to gradually become more conservative is called the "glidepath." The glidepath illustrates the target allocation of the Fund at its retirement date is expected to be 40% in underlying index funds that invest primarily in equity and equity-like securities. BTC employs a proprietary investment model that analyzes securities market data, including risk, correlation and expected return statistics, to recommend the portfolio allocation among the asset classes. Rather than choosing specific securities within each asset class, BTC selects among indices representing segments of the global equity and debt markets and invests in securities that comprise the chosen index. The Fund generally invests in a chosen index through a series of collective investment trusts maintained and managed by BTC, each such fund representing one of the indices (each, an "Underlying Fund"). The Fund will not engage in securities lending. In the event of

Fund Name	Description
LifePath® Index 2045 Non-Lendable Fund N (continued)	Risk: Any of the principal risks summarized below may adversely affect the Fund's net asset value, performance, and ability to meet its investment objective. An investment in the Fund is not a bank deposit, is not guaranteed by BlackRock, Inc. or any of its offiliates, and is not insured by the Federal Deposit Insurance Corporation or any other agency of the U.S. government. Underlying Fund Risk . The investment objective and strategies of an Underlying Fund in which the Fund invests may differ from the Fund, and there is no assurance that an Underlying Fund will achieve its objective. Active Strategy Risk. Active strategies could result in underperformance as compared to funds with similar investment objectives and strategies. Equity Investment Risk. The price of an equity security fluctuates based on changes in the issuer's financial condition and overall market and economic conditions. Equity securities are subject to changes in value that may be more volatile than other asset classes. Fixed Income Investment Risk . An increase in interest rates may cause the value of fixed income securities held by the fund to decline. The Fund's income may decline when interest rates fall. Debt issuers may not honor their obligations. Securities is that are rated below investment grade may be more volatile and less liquid than higher-rated securities of similar maturity. Foreign Investment Risk . The Fund may suffer losses due to political, legal, economic and geographic events affecting a non-U.S. issuer or market. The prices of non-U.S. securities are ybe more volatile than those of securities issued by U.S. corporations or other U.S. entities. Securities of non-U.S. issuers denominated in non-U.S. currencies will expose the Fund to fluctuations in foreign currency exchange prices. Targe Date Risk , Risk associated with "arget date" (made sind det in the fund will provide adequate income for an investor's retirement. Asset Allocation Model Risk . The value of commodity-linked derivative investments may be significan
	Short-term Redemption Fee Note: None
	Who may want to invest: Someone who is seeking an investment option that gradually becomes more conservative over time and who is willing to accept the volatility of the markets. Someone who is seeking a diversified mix of stocks, bonds, and short-term investments in one investment option or who does not feel comfortable making asset allocation choices over time.
	Footnotes: The investment option is a collective investment trust. The trustee is BlackRock Institutional Trust Company, N.A. It is managed by BlackRock. This description is only intended to provide a brief overview of the fund. This investment option is not a mutual fund. The inception date of this Pool was 03/01/2012. The earliest share class of this Pool had an inception date of 01/23/2009. Performance between the inception date of the earliest share class and the inception date of this Pool was calculated by subtracting this Pool's management fee and the Pool's net administrative expenses for that period from the Pool's gross performance.

Fund Name	Description
Fund Name LifePath® Index 2050 Non-Lendable Fund N	Description Ticker: N/A Objective: The Fund provides for retirement outcomes consistent with investor preferences throughout the savings and draw down phase based on quantitatively measured risk that investors, on average, may be willing to accept. Strategy: The Fund is a collective investment trust maintained and managed by BlackRock Institutional Trust Company, N.A. ("BTC"). The Fund shall be invested and reinvested in securities and other assets with the objective of providing for retirement outcomes consistent with investor preferences throughout the savings and drawdown phase based on quantitatively measured risk that investors, on average, may be willing to accept. In pursuit of that objective, the Fund will be broadly diversified across global asset classes, with asset allocations becoming more conservative over time if the Fund has a year in its name. The Fund's investments may include: equity securities including those issued by real estate companies]; depository receipts; debt securities and other fixed income obligations (including those issued by corporations or other entities); mortgage-backed securities; other asset-backed securities; other asset-backed securities; on morivestment grade, and may include securities and other obligations of U.S. issuers or non-U.S. issuers, and those issuers may be of any market capitalization. The Fund's fixed income investments may be investment-grade or non-investment grade, and may include securities and other obligations of any maturity. In addition to, or in lieu of, investing in the assets listed above, the Fund may engage in structured transactions in these asset classes, as well as overthe-counter forward contracts, swaps and aptions. When deemed appropriate by BTC, the Fund may invest in futures contracts, for the purpose of acting as a temporary substitute for investment in securities and/or to gain exposure to commodities. The fund is an entrand asset allocations will gradually change over the investment horizon of the fund to bec



Fund Name	Description
LifePath® Index 2050 Non-Lendable Fund N (continued)	Risk: Any of the principal risks summarized below may adversely affect the Fund's net asset value, performance, and ability to meet its investment objective. An investment in the Fund is not a bank deposit, is not guaranteed by BlackRock, Inc. or any of its affiliates, and is not insured by the Federal Deposit Insurance Carporation or any other agency of the U.S. government. Underlying Fund Risk. The investment objective and strategies of an Underlying Fund in which the Fund invests may differ from the Fund, and there is no assurance that an Underlying Fund will achieve its objective. Active Strategies could result in underperformance as compared to funds with similar investment objectives and strategies. Equity Investment Risk. The price of an equity security fluctuates based on changes in the issuer's financial condition and overall market and economic conditions. Equity securities are subject to changes in value that any be more volatile than other asset classes. Fixed Income Investment Risk. An increase in interest rates may cause the value of fixed income securities held by the Fund to decline. The Fund's increme may decline when interest rates fall. Debt issuers may not honor their obligations. Securities that are rated below investment grade may be more volatile and nort.S. corporations or other U.S. entities. Securities for on-U.S. securities are for on-U.S. securities and you and
	who is seeking a diversified mix of stocks, bonds, and short-term investments in one investment option or who does not feel comfortable making asset allocation choices over time.
	Footnotes: The investment option is a collective investment trust. The trustee is BlackRock Institutional Trust Company, N.A. It is managed by BlackRock. This description is only intended to provide a brief overview of the fund. This investment option is not a mutual fund. The inception date of this Pool was 03/01/2012. The earliest share class of this Pool had an inception date of 01/23/2009. Performance between the inception date of the earliest share class and the inception date of this Pool was calculated by subtracting this Pool's management fee and the Pool's net administrative expenses for that period from the Pool's gross performance.
	(continued

Fund Name	Description
LifePath® Index 2055 Non-Lendable Fund N	Ticker: N/A
	Objective: The Fund provides for retirement outcomes consistent with investor preferences throughout the savings and draw down phase based on quantitatively measured risk that investors, on average, may be willing to accept.
	Strategy: The Fund is a collective investment trust maintained and managed by BlackRock Institutional Trust Company, N.A. ("BTC"). The Fund shall be invested and reinvested in securities and other assets with the objective of providing for retirement outcomes consistent with investor preferences throughout the savings and drawdown phase based on quantitatively measured risk that investors, on average, may be willing to accept. In pusuit of that objective, the Fund will be broadly diversified across global asset classes, with asset allocations becoming more conservative over time if the Fund has a year in its name. The Fund's investments may include: equity securities including those issued by real estate companies); depository receipts; debt securities and other fixed income obligations (including those issued or guaranteed by the U.S. government, its agencie or instrumentalities, and those issued by corporations or other entities); mortgage-backed securities; other asset-backed securities; and/or cash equivalents. The Fund may invest in securities and other obligations of U.S. issuers on nor-U.S. issuers, and those issues may be of any market capitalization. The Fund's fixed income investments may be investment-grade or non-investment grade, and may include securities and other obligations of any maturity. In addition to, or in lieu of, investing in the assets listed above, the Fund may engage in structured transactions in these asset classes, as well as overthe-counter forward contracts, swaps and options. When deemed appropriate by BIC, the Fund may invest in futures contracts, for the purpose of acting as a temporary substitute for investment in securities and/or to gain exposure to commodities. The factors analyzed by the asset allocation model used by BIC to manage the Fund. The normal asset allocations will gradually change over the investment horizon of the fund to become more conservatively — prior to retirement desire to reduce investment risk in their retirement accounts as their retirement date ap



Fund Name	Description
LifePath® Index 2055 Non-Lendable Fund N (continued)	Risk: Any of the principal risks summarized below may adversely affect the Fund's net asset value, performance, and ability to meet its investment objective. An investment in the Fund is not a bank deposit, is not guaranteed by BlackRock, Inc. or any of its affiliates, and is not insured by the Federal Deposit Insurance Corporation or any other agency of the U.S. government: Underlying Fund Risk . The investment objective and strategies of an Underlying Fund in which the Fund invests may differ from the Fund, and there is no assurance that an Underlying Fund will achieve its objective. Active Strategy Risk. Active strategies could result in underperformance as compared to funds with similar investment objectives and strategies. Equity Investment Risk . The fundes may be more volatile than other asset classes. Fixed Income Investment Risk . An increase in interest rates may cause the value of fixed income securities held by the fund to decline. The fund's income may decline when interest rates fall. Debt issuers may not honor their obligations. Securities that are rated below investment grade may be more volatile than due volatile than other asset classes. Fixed Income Investment Risk . Risk associated with "target date" individual volations or other U.S. entities. Securities of non-U.S. issuers denominated in non-U.S. currencies will expose the Fund to fluctuations in foreign currency exchange prices. Targe Date Risk . Risks associated with "target date" funds include the risk of losses clase to or alter the target retirement take. There is also no guarantee that the Fund will provide adequate income for an investor's retirement. Asset Allocation Model Risk . The value of commodity-linked derivative investments may be significantly affected by changes in interest rates, or factors affecting a particular risk or folse. Commodities: Related Investment Risk . The value of commodity-linked derivative investments may be significantly affected by changes in inversite dates funds. Foreign a particular rindu
	Short-term Redemption Fee Note: None
	Who may want to invest: Someone who is seeking an investment option that gradually becomes more conservative over time and who is willing to accept the volatility of the markets. Someone who is seeking a diversified mix of stocks, bonds, and short-term investments in one investment option or who does not feel comfortable making asset allocation choices over time.
	Footnotes: The investment option is a collective investment trust. The trustee is BlackRock Institutional Trust Company, N.A. It is managed by BlackRock. This description is only intended to provide a brief overview of the fund. This investment option is not a mutual fund. The inception date of this Pool was 03/01/2012. The earliest share class of this Pool had an inception date of 01/23/2009. Performance between the inception date of the earliest share class and the inception date of this Pool was calculated by subtracting this Pool's management fee and the Pool's net administrative expenses for that period from the Pool's gross performance.

Fund Name	Description
Fund Name LifePath® Index 2060 Non-Lendable Fund N	Pescription Ticker: N/A Objective: The Fund provides for retirement outcomes consistent with investor preferences throughout the savings and draw down phase based on quantitatively measured risk that investors, on average, may be willing to accept. Strategy: The Fund is a collective investment trust maintained and managed by BlackRock Institutional Trust Company, N.A. ("BTC"). The Fund shall be invested and reinvested in securities and other assets with the objective of providing for retirement outcomes consistent with investor preferences throughout the savings and drawdown phase based on quantitatively measured risk that investors, on average, may be willing to accept. In pursuit of that objective, the Fund will be broadly diversified across global asset classes, with asset allocations becoming more conservative over time if the Fund has a year in its name. The Fund's investments may include: equity securities (including those issued by real estate companies); depository receipts; debt securities and other fixed income obligations (including those issued or guaranteed by the U.S. government, its agencie or instrumentalities, and those issues and/or cash equivalents. The Fund may invest in securities and other obligations of U.S. issuers or non-U.S. issuers, and those issuers may be of any market capitalization. The Fund's fixed income investments may be investment-grade or non-investment grade, and may include securities and/or to gain exposure to commodities. The difference between the normal and current securities holdings for the fund varies over ther during as temporary substitute for investment in securities and/or to gain exposure to commodities. The difference between the normal and current securities. A time passes, the Fund is a temporary substitute for investment in securities holdings for the fund varies over time and is based on the factors analyzed by the asset allocation model used by BTC to manage the Fund. The normal asset allocations will gradually change over the investment horizon of the Fu





Fund Name	Description
Fund Name LifePath® Index 2060 Non-Lendable Fund N (continued)	Risk: Any of the principal risks summarized below may adversely affect the Fund's net asset value, performance, and ability to meet its investment objective. An investment in the Fund is not a bank deposit, is not guaranteed by BlackRock, Inc. or any of its affilitaes, and is not insured by the Federal Deposit Insurance Corporation or any other agency of the U.S. government. Underlying Fund Risk. The investment objective and strategies of an Underlying Fund in which the Fund invests may differ from the Fund, and there is no assurance that an Underlying fund will achieve its objective. Active Strategy Risk. Active strategies could result in undergromance as compared to funds with similar investment objectives and strategies. Equity Investment Risk . The price of an equity security fluctuates based on changes in the issuer's financial condition and overall market and economic conditions. Equity securities are subject to changes in value that may be more volatile than other asset classes. Fixed Income Investment Risk . An increase in interest rates may decline when interest rates fall. Debt issuers may not honor their obligations. Securities that are rated below investment grade may be more volatile and less liquid than higherrated securities of similar maturity. Foreign Investment Risk . The Fund may suffer losses due to political, legal, economic and geographic events affecting a non-U.S. issuer or market. The prices of non-U.S. securities is nor burdle will provide adequate income for an investor's retirement. Asset Allocation Model Risk . The sate allocation model may not effectively maximize tertures or minimize risk, or be appropriate for every investor seeking a particular risk profile. Commodities-Related hyrethres , so is a grantees trates and become velocitie in the risk of losses close to or a fare the target retirement date. There is also no guarantee that the Find will provide adequate income for an investor's retirement. Asset Allocation Model Risk . The set allocation model may not effective
	Short-term Redemption Fee Note: None
	Who may want to invest: Someone who is seeking an investment option that gradually becomes more conservative over time and who is willing to accept the volatility of the markets. Someone who is seeking a diversified mix of stocks, bonds, and short-term investments in one investment option or who does not feel comfortable making asset allocation choices over time.
	Footnotes: The investment option is a collective investment trust. The trustee is BlackRock Institutional Trust Company, N.A. It is managed by BlackRock. This description is only intended to provide a brief overview of the fund. This investment option is not a mutual fund. The inception date of this Pool was 03/01/2012. The earliest share class of this Pool had an inception date of 01/23/2009. Performance between the inception date of the earliest share class and the inception date of this Pool was calculated by subtracting this Pool's management fee and the Pool's net administrative expenses for that period from the Pool's gross performance.

	Description
LifePath® Index Retirement Non-Lendable Fund N	Ticker: N/A Objective: The Fund provides for retirement outcomes consistent with investor preferences throughor the savings and draw down phase based on quantitatively measured risk that investors, on average, may be willing to accept. Strategy: The Fund is a collective investment trust maintained and managed by BlackRock Institutional Trust Company, N.A. ("BTC"). The Fund shall be invested and reinvested in securities and other assets with the objective of providing for retirement outcomes consistent with investor preferences throughout the savings and drawdown phase based on quantitatively measured risk that investors, on average, may be willing to accept. In pursuit of that objective, the Fund will be broadly diversified accross global asset classes, with asset allocations becoming more conservative over time if the Fund has a year in its name. The Fund's investments may include: equity securities (including those issued by real estate companies); depository receipts; debt securities and other isked income obligations (including those issued or guaranteed by the U.S. government, its agenci or instrumentalities, and those issued by corporations or other entities); mortgage-backed securities; other asset-backed securities; commodities; and/or cash equivalents. The Fund may invest in securities and other obligations of U.S. issuers or non-U.S. issues, and those issuers may be of any market capitalization. The Fund's fixed income investments may be investment-grade or non-investment grade, and may include securities and other obligations of any matrix). In addition to, or in lieu of, investing in the asset listed above, the Fund may vinces to commodities. The difference between the normal and current securities holdings for the fund vories over time and is based on the factors analyzed by the asset allocation model used by BTC to manage the Fund. The normal asset allocations will gradually change over the investment hoizon of the Fund to become more havily oriented toward debt and debrlike



LifePath® Index Retirement	Description
Retirement	
(continued) F	Risk: Any of the principal risks summarized below may adversely affect the Fund's net asset value, performance, and ability to meet its investment objective. An investment in the Fund is not a bank deposit, is not guaranteed by BlackRock, Inc. or any of its affiliates, and is not insured by the Federal Deposit Insurance Corporation or any other agency of the U.S. government. Underlying Fund Risk . The investment objective and strategies of an Underlying Fund in which the Fund invests may differ from the Fund, and there is no assurance that an Underlying Fund Risk. The investment objectives and strategies. Equity Investment Risk . The price of an equity security fluctuates based on changes in the issue's financial condition and overall market and economic conditions. Equity securities are subject to changes in value that may be more volatile than other asset classes. Fixed Income Investment Risk. An increase in interest rates may cause the value of fixed income securities held by the Fund to decline. The Fund's income may decline when interest rates fall. Debt issuers may not honor their obligations. Securities that are rated below investment grade may be more volatile and less liquid than higherrated securities of similar maturity. Foreign Investment Risk. The Fund may suffer losses due to political, legal, economic and geographic events affecting a non-U.S. issuer or market. The prices of non-U.S. securities may be more volatile than those of securities issued by U.S. corporations or other U.S. entities. Securities of non-U.S. issuers denominated in non-U.S. currencies will expose the Fund to fluctuations in foreign currency exchange prices. Target Date Risk , Risks associated with "arget date" (unds include the risk of losses close to or an investor's retirement. Asset Allocation Model Risk . The value of commodity-linked derivative investments may be significantly affected by changes in version returned by the start of a decline. The version or mininize risk, or be appropriate for every investor seeking
ii s ii c f T c c c c c c c c c c c c c c c c c	 who may with to invest, someone who is seeking an investment option intended for people in retirement and who is willing to accept the volatility of diversified investments in the market. Someone who is seeking a diversified mix of stocks, bonds, and short-term investments in one investment option and looking primarily for the potential for income and, secondarily, for share-price appreciation. Footnotes: The investment option is a collective investment trust. The trustee is BlackRock Institutional Trust Company, N.A. It is managed by BlackRock. This description is only intended to provide a brief overview of the fund. This investment option is not a mutual fund. The inception date of this Pool was 03/01/2012. The earliest share class of this Pool had an inception date of 01/23/2009. Performance between the inception date of the earliest share class and the inception date of this Pool was calculated by subtracting this Pool's management fee and the Pool's net administrative expenses for that period from the Pool's gross performance.

Fund Name	Description
Nuveen NWQ Small-Cap Value Fund Class I	Ticker: NSCRX
	Objective: The investment seeks long-term capital appreciation.
	Strategy: The fund invests at least 80% of the sum of its net assets and the amount of any borrowings for investment purposes in equity securities of companies with market capitalizations at the time of investment comparable to companies in either the Russell 2000® Value Index or the Standard & Poor's SmallCap 600 Index. It invests primarily in U.S. equity securities, but it may invest up to 35% of net assets in non-U.S. equity securities, including up to 10% of net assets in equity securities of companies located in emerging market countries.
	Risk: The securities of smaller, less well-known companies can be more volatile than those of larger companies. Value and growth stocks can perform differently from other types of stocks. Growth stocks can be more volatile. Value stocks can continue to be undervalued by the market for long periods of time. Stock markets are volatile and can decline significantly in response to adverse issuer, political, regulatory, market, economic or other developments. These risks may be magnified in foreign markets. Additional risk information for this product may be found in the prospectus or other product materials, if available.
	Short-term Redemption Fee Note: None
	Who may want to invest: Someone who is seeking the potential for long-term share-price appreciation and, secondarily, dividend income. Someone who is seeking both growth- and value-style investments and who is willing to accept the generally greater volatility of investments in smaller companies.
	Footnotes: This description is only intended to provide a brief overview of the fund. Read the fund's prospectus for more detailed information about the fund. The Russell 2000® Value Index is an unmanaged market capitalization-weighted index of value-oriented stocks of U.S. domiciled companies that are included in the Russell 2000 Index. Value-oriented stocks tend to have lower price-to-book ratios and lower forecasted growth values. Standard & Poor's SmallCap 600 Index is a market capitalization-weighted index of 600 small-capitalization stocks.
Phillips 66	Ticker: N/A
Stock Fund	What It Is: A fund that allows you to own shares of stock of Phillips 66 (PSX). Your ownership is measured in shares of the fund. This is neither a mutual fund nor a diversified or managed investment option.
	Goal: Seeks to increase the value of your investments over the long term by investing in PSX common stock.
	What it invests in: The value of your investment will vary depending on the performance of PSX and the overall stock market. Investing in a nondiversified single stock fund involves more risk than investing in a diversified fund. Share price and return will vary.
	Short-term Redemption Fee Note: None
	Who may want to invest: Someone who wants to own an individual stock and share in its gains or losses. Someone whose investment portfolio can withstand the higher risk of investment in a single stock.
	Footnotes: Chevron Phillips Chemical Company LP provided the description for this fund.



APPEN	
	Fund Name
APPENDIX — 401(k) SAVINGS AND PROFIT-SHARING PLAN INVESTMENT OPTIONS	Spartan SM 500 Pool Class C

Name	Description
tan sM 500 Index Class C	Ticker: N/A Objective: The portfolio seeks to replicate the performance and overall characteristics, before fees and expenses, of the S&P 500 [®] Index in a risk-controlled and cost-effective way.
	Strategy: The portfolio generally invests at least 80% of its assets in securities of companies that comprise the Index.
	Risk: Stock markets, especially foreign markets, are volatile and can decline significantly in response to adverse issuer, political, regulatory, market, or economic developments.
	Short-term Redemption Fee Note: None
	Who may want to invest: Someone who is seeking the potential for long-term share-price appreciation and, secondarily, dividend income. Someone who is seeking both growth- and value-style investments and who is willing to accept the volatility associated with investing in the stock market.
	Footnotes: The investment option is a Separate Fund ("Fund") established under a Declaration of Separate Funds ("DOSF") pursuant to the Declaration of Trust of the Spartan Group Trust for Employee Benefit Plans ("Trust"). It is managed by Geode Capital Management Trust Company, LLC. The Fund is only available to Qualified Investors as detailed in the Trust. This description is only intended to provide a brief overview of the Fund. Please review the Trust and DOSF for more complete details. The portfolio may not always hold all of the same securities as the Index and may use statistical sampling techniques to attempt to replicate the returns of the Index. Statistical sampling techniques attempt to match the investment characteristics of the Index and the portfolio by taking into account such factors as market capitalization, industry exposures, dividend yield, P/E ratio, P/B ratio, and earnings growth. Information presented herein is for discussion and illustrative purposes only and is not a recommendation nor an offer or solicitation to buy or sell any securities. Past performance is no guarantee of future results. References to any index do not imply that the portfolio will achieve returns, volatility, or other results similar to the index. The composition of the index may not reflect the manner in which the portfolio is constructed in relation to expected or achieved returns, portfolio guidelines, restrictions, sectors, correlations, concentrations, volatility or tracking error targets, all of which are subject to change over time. S&P 500® Index is a market capitalization-weighted index of 500 common stocks chosen for market size, liquidity, and industry group representation to represent U.S. equity performance. This investment option is not a mutual fund.
	Expense Ratio Footnotes: For a mutual fund, the expense ratio is the total annual fund or class operating expenses (before waivers or reimbursements) paid by the fund and stated as a percent of the fund's total net assets. Where the investment option is not a mutual fund, the figure displayed in the expense ratio field is intended to reflect similar information. However, it may have been calculated using methodologies that differ from those used for mutual funds. Mutual fund data has been drawn from the most recent prospectus. For non-mutual fund investment options, the information has been provided by the trustee or plan sponsor. When no ratio is shown for these options it is due to the fact that none was available. Nevertheless, there may be fees and expenses associated with the investment option.

Q-30

Fund Name	Description
Vanguard Federal Money Market Fund Investor Shares	Ticker: VMFXX Objective: The investment seeks to provide current income while maintaining liquidity and a stable share price of \$1.
	Strategy: The fund invests primarily in high-quality, short-term money market instruments. Under normal circumstances, at least 80% of the fund's assets are invested in securities issued by the U.S. government and its agencies and instrumentalities. It maintains a dollar-weighted average maturity of 60 days or less and a dollar-weighted average life of 120 days or less. The fund generally invests 100% of its assets in government securities and therefore will satisfy the 99.5% requirement for designation as a government money market fund.
	Risk: You could lose money by investing in a money market fund. Although the fund seeks to preserve the value of your investment at \$1.00 per share, it cannot guarantee it will do so. An investment in the fund is not insured or guaranteed by the Federal Deposit Insurance Corporation or any other government agency. The fund's sponsor has no legal obligation to provide financial support to money market funds and you should not expect that the sponsor will provide financial support to the fund at any time. Additional risk information for this product may be found in the prospectus or other product materials, if available.
	Short-term Redemption Fee Note: None
	Who may want to invest: Someone who has a low tolerance for investment risk and who wishes to keep the value of his or her investment relatively stable. Someone who is seeking to complement his or her bond and stock fund holdings in order to reach a particular asset allocation.
	Footnotes: This description is only intended to provide a brief overview of the fund. Read the fund's prospectus for more detailed information about the fund.



APPEN	
	Fund Name
APPENDIX — 401(k) SAVINGS AND PROFIT-SHARING PLAN INVESTMENT OPTIONS	Vanguard REIT Fund Institution Shares

Description T Index Ticker: VGSNX nal Objective: The investment seeks to provide a high level of income and moderate long-term capital appreciation by tracking the performance of a benchmark index that measures the performance of publicly traded equity REITs. Strategy: The fund employs an indexing investment approach designed to track the performance of the MSCI U.S. REIT Index. The index is composed of stocks of publicly traded equity real estate investment trusts (known as REITs). The adviser attempts to replicate the index by investing all, or substantially all, of its assets in the stocks that make up the index, holding each stock in approximately the same proportion as its weighting in the index. Risk: Real Estate is a cyclical industry that is sensitive to interest rates, economic conditions (both nationally and locally), property tax rates, and other factors. Changes in real estate values or economic downturns can have a significant negative effect on issuers in the real estate industry. Stock markets are volatile and can decline significantly in response to adverse issuer, political, regulatory, market, economic or other developments. These risks may be magnified in foreign markets. Sector funds can be more volatile because of their narrow concentration in a specific industry. In general the bond market is volatile, and fixed income securities carry interest rate risk. (As interest rates rise, bond prices usually fall, and vice versa. This effect is usually more pronounced for longer-term securities.) Fixed income securities also carry inflation risk and credit and default risks for both issuers and counterparties. Unlike individual bonds, most bond funds do not have a maturity date, so avoiding losses caused by price volatility by holding them until maturity is not possible. Additional risk information for this product may be found in the prospectus or other product materials, if available. Short-term Redemption Fee Note: None Who may want to invest: Someone who is willing to accept the potentially lower diversification and higher risks associated with investing in a particular industry or sector. Someone who is seeking to complement his or her core holdings with investments concentrated in a particular sector or industry. Footnotes: This description is only intended to provide a brief overview of the fund. Read the fund's prospectus for more detailed information about the fund. The MSCI US REIT Index is a free float-adjusted market capitalization weighted index that is comprised of equity REITs that are included in the MSCI US Investable Market 2500 Index, with the exception of specialty equity REITs that do not generate a majority of their revenue and income from real estate rental and leasing operations. The index represents approximately 85% of the US REIT universe. The analysis on these pages may be based, in part, on adjusted historical returns for periods prior to the class's actual inception of 12/02/2003. These calculated returns reflect the historical performance of the oldest share class of the fund, with an inception date of 05/13/1996, adjusted to reflect the fees and expenses of this share class (when this share class's fees and expenses are higher.) Please refer to a fund's prospectus for information regarding fees and expenses. These adjusted historical returns are not actual returns. Calculation methodologies utilized by Morningstar may differ from those applied by other entities, including the fund itself.

Fund Name	Description
Vanguard Short-Term Inflation-Protected Securities Index Fund Admiral Shares	Ticker: VTAPX Objective: The investment seeks to track the performance of a benchmark index that measures the investment return of inflation-protected public obligations of the U.S. Treasury with remaining maturities of less than 5 years.
	Strategy: The fund employs an indexing investment approach designed to track the performance of the Bloomberg Barclays U.S. Treasury Inflation-Protected Securities (TIPS) 0-5 Year Index. The index is a market-capitalization-weighted index that includes all inflation-protected public obligations issued by the U.S. Treasury with remaining maturities of less than 5 years.
	Risk: The interest payments of TIPS are variable; they generally rise with inflation and fall with deflation. In general, the bond market is volatile, and fixed income securities carry interest rate risk. (As interest rates rise, bond prices usually fall, and vice versa. This effect is usually more pronounced for longer-term securities.) Fixed income securities also carry inflation risk and credit and default risks for both issuers and counterparties. Unlike individual bonds, most bond funds do not have a maturity date, so avoiding losses caused by price volatility by holding them until maturity is not possible. Additional risk information for this product may be found in the prospectus or other product materials, if available.
	Short-term Redemption Fee Note: None
	Who may want to invest: Someone who is seeking potential returns primarily in the form of interest dividends and who can tolerate more frequent changes in the size of dividend distributions than those usually found with more conservative bond funds. Someone who is seeking to supplement his or her core fixed-income holdings with a bond investment that is tied to changes in inflation.
	Footnotes: This description is only intended to provide a brief overview of the mutual fund. Read the fund's prospectus for more detailed information about the fund. Bloomberg Barclays U.S. 0-5 Year TIPS Index is an unmanaged market index comprised of U.S. Treasury Inflation Protected securities having a maturity of less than five years.



Fund Name	Description
Vanguard Total Bond Market Index Fund Institutional Shares	 Ticker: VBTIX Objective: The investment seeks the performance of a broad, market-weighted bond index. Strategy: The fund employs an indexing investment approach designed to track the performance of the Bloomberg Barclays U.S. Aggregate Float Adjusted Index. This index represents a wide spectrum of public, investment-grade, taxable, fixed income securities in the United States-including government, corporate, and international dollar-denominated bonds, as well as mortgage-backed and asset-backed securities-all with maturities of more than 1 year. All of its investments will be selected through the sampling process, and at least 80% of its assets will be invested in bonds held in the index. Risk: In general the bond market is volatile, and fixed income securities carry interest rate risk. (As interest rates rise, bond prices usually fall, and vice versa. This effect is usually more pronounced for language.)
	 longer-term securities.) Fixed income securities also carry inflation risk and credit and default risks for both issuers and counterparties. Unlike individual bonds, most bond funds do not have a maturity date, so avoiding losses caused by price volatility by holding them until maturity is not possible. Please consult the prospectus for additional risk information specific to this fund. Short-term Redemption Fee Note: None Who may want to invest: Someone who is seeking potential returns primarily in the form of intered dividends rather than through an increase in share price. Someone who is seeking to diversify an
	equity portfolio with a more conservative invitate prediction of the function



Fund Name	Description
Wells Fargo Stable Value Fund Class C	Ticker: N/A Objective: The stable value portfolio seeks stability of principal and consistency of returns with minimal volatility.
	Strategy: The stable value portfolio invests in financial instruments that seek to provide participants with a stable crediting rate and safety of principal plus accrued interest. These include guaranteed investment contracts (GICs), security backed contracts (GIC Alternatives), and separate account GICs. Underlying the security backed contracts and separate account GICs are fixed income (bond) portfolios. The fixed income portfolios may include investments in, but not limited to, U.S. Treasury and agency bonds, corporate bonds, mortgage-backed securities, asset-backed securities and bond funds. All bonds in the underlying portfolios are rated investment grade by one of the major rating agencies (Moody's, S&P, Fitch) at time of purchase. The fund may also invest in cash or cash equivalents.
	Risk: The Contracts and securities purchased for the fund are backed solely by the financial resources of the issuers of such Contracts and securities. An investment in the fund is not insured or guaranteed by the manager(s), the plan sponsor, the trustee, the FDIC, or any other government agency. The Contracts purchased by the fund permit the fund to account for the fixed income securities at book value (principal plus interest accrued to date). Through the use of book value accounting, there is no immediate recognition of investment gains and losses on the fund's securities. Instead, gains and losses are recognized over time by periodically adjusting the interest rate credited to the fund under the Contracts. However, while the fund seeks to preserve your principal investment, it is possible to lose money by investing in this fund. The Contracts provide for the payment of certain withdrawals and exchanges at book value during the terms of the Contracts. In order to maintain the Contract issuers' promise to pay such withdrawals and exchanges at book value, the Contracts subject the fund and its participants to certain restrictions. For example, withdrawals prompted by certain events (e.g., layoffs, early retirement windows, spin-offs, sale of a division, facility closings, plan terminations, partial plan terminations, changes in laws or regulations) may be paid at the market value of the fund's securities, which may be less than your book value balance. Certain investment options offered by your plan (e.g., money market funds, short term bond funds, certain asset allocation/lifecycle funds and brokerage window) may be deemed by the Contract issuers to "compete" with this fund. The terms of the Contracts prohibit you from making a direct exchange from this fund to such competing funds. Instead, you must first exchange to a non-competing fund for 90 days. While these requirements may seem restrictive, they are imposed by the Contract issuers as a condition for the issuer's promise to pay certain withdrawals an
	Short-term Redemption Fee Note: None
	Who may want to invest: Someone who seeks a slightly higher yield over the long term than is offered by money market funds, but who is willing to accept slightly more investment risk. Someone who is interested in balancing an aggressive portfolio with an investment that seeks to provide stability of price.
	Footnotes: The investment option is a stable value fund. It is managed by Galliard Capital Management. This description is only intended to provide a brief overview of the fund. This investment option is not a mutual fund.

Fund Name	Description
William Blair Small	Ticker: N/A
Mid Cap Growth CIT – Class III	Objective: The Fund seeks capital appreciation to outperform its benchmark, the Russell 2500 Growth Index, and its peers over a full market cycle.
	Strategy: The Fund is a diversified portfolio of 65-80 holdings, investing in common stocks of small and mid cap quality companies that are expected to have solid growth in earnings.
	Risk: Growth stocks can perform differently from the market as a whole and can be more volatile than other types of stocks. The securities of smaller, less well-known companies can be more volatile than those of larger companies. Stock markets are volatile and can decline significantly in response to adverse issuer, political, regulatory, market, economic or other developments. These risks may be magnified in foreign markets. Additional risk information for this product may be found in the prospectus or other product materials, if available.
	Short-term Redemption Fee Note: None
	Who may want to invest: Someone who is seeking the potential for long-term share-price appreciation. Someone who is willing to accept the generally greater price volatility associated both with growth-oriented stocks and with smaller companies.
	Footnotes: The investment option is a collective investment trust. It is managed by William Blair Funds. This description is only intended to provide a brief overview of the fund. Russell 2500 Growth Index is a market capitalization-weighted index designed to measure the performance of the small to mid-cap growth segment of the U.S. equity market. It includes those Russell 2500 Index companies with higher price-to-book ratios and higher forecasted growth rates. This investment option is not a mutual fund.

