

Investment Mapping Strategy

Current Investment Option	Investment Category	Redirected To	Investment Advisor	Mapped to Investment Option	Investment Category
American Beacon Large Cap Value R6	Large Value		Massachusetts Financial Svc Co	MFS Value R6 Fund ⁴⁹	Large Value
American Funds American Balanced R6	Allocation--50% to 70% Equity			Map by age to Vanguard Target Retirement Instl	
American Trust Stable Value	Stable Value		PIMCO	PIMCO Stable Income Fund Class 1 ⁴⁹	Stable Value
AT Tactical Allocation	Allocation--50% to 70% Equity			Map by age to Vanguard Target Retirement Instl	
ATDynamic Aggressive	Allocation--85%+ Equity			Map by age to Vanguard Target Retirement Instl	
ATDynamic Conservative	Allocation--15% to 30% Equity			Map by age to Vanguard Target Retirement	
ATDynamic Moderate	Allocation--50% to 70% Equity			Map by age to Vanguard Target Retirement Instl	
ATDynamic Moderately Aggressive	Allocation--70% to 85% Equity			Map by age to Vanguard Target Retirement Instl	
ATDynamic Moderately Conservative	Allocation--30% to 50% Equity			Map by age to Vanguard Target Retirement Instl	
BlackRock High Yield Bond K	High Yield Bond		Loomis Sayles & Company	Loomis Sayles Core Plus Bond N Fund ^{16, 17, 49}	Intermediate Core-Plus Bond
Columbia Mid Cap Index Inst2	Mid-Cap Blend		Vanguard Group	Vanguard Mid Cap Index Admiral Fund ¹	Mid Cap Blend
Fidelity Emerging Markets Idx	Diversified Emerging Markets			Map by age to Vanguard Target Retirement Instl	
Hartford Small Cap Growth R6	Small Growth		AB/Brown/Emerald	SmallCap Growth I Separate Account-Z ^{A, 1, 3, 19, 31}	Small Growth
Loomis Sayles Core Plus Bond N	Intermediate Core-Plus Bond		Loomis Sayles & Company	Loomis Sayles Core Plus Bond N Fund ^{16, 17, 49}	Intermediate Core-Plus Bond
MFS Instl International Equity	Foreign Large Blend		Massachusetts Financial Svc Co	MFS Instl International Equity	Foreign Large Blend
PGIM QMA Small-Cap Value R6	Small Value		Wells Fargo Fund Management	Wells Fargo Special Small Cap Value R6 Fund ^{1, 49}	Small Value
T. Rowe Price Lrg Cp Gr I	Large Growth		T. Rowe Price Associates, Inc.	T. Rowe Price Large Cap Growth I Fund	Large Growth
TIAA-CREF International Eq Idx Instl	Foreign Large Blend		Vanguard Group	Vanguard Total International Stock Index Admiral Fund ^{4, 49}	Foreign Large Blend
TIAA-CREF Large-Cap Gr Idx Instl	Large Growth		T. Rowe Price Associates, Inc.	T. Rowe Price Large Cap Growth I Fund	Large Growth
TIAA-CREF Large-Cap Value Idx Inst	Large Value		Massachusetts Financial Svc Co	MFS Value R6 Fund ⁴⁹	Large Value
Vanguard 500 Index Admiral	Large Blend		Vanguard Group	Vanguard 500 Index Admiral Fund ²	Large Blend
Vanguard Short-Term Investment-Grade Adm	Short-Term Bond		PIMCO	PIMCO Stable Income Fund Class 1 ⁴⁹	Stable Value
Vanguard Small Cap Growth Index Admiral	Small Growth		AB/Brown/Emerald	SmallCap Growth I Separate Account-Z ^{A, 1, 3, 19, 31}	Small Growth
Vanguard Small Cap Value Index Admiral	Small Value		Wells Fargo Fund Management	Wells Fargo Special Small Cap Value R6 Fund ^{1, 49}	Small Value
Vanguard Target Retirement 2020 Inv	Target-Date 2020		Vanguard Group	Vanguard Institutional Target Retirement 2020 Inst Fund ^{13, 14, 17, 44}	Target-Date 2020
Vanguard Target Retirement 2025 Inv	Target-Date 2025		Vanguard Group	Vanguard Institutional Target Retirement 2025 Inst Fund ^{13, 14, 17, 44}	Target-Date 2025

Vanguard Target Retirement 2030 Inv	Target-Date 2030	Vanguard Group	Vanguard Institutional Target Retirement 2030 Inst Fund ^{13, 14, 17, 44}	Target-Date 2030
Vanguard Target Retirement 2035 Inv	Target-Date 2035	Vanguard Group	Vanguard Institutional Target Retirement 2035 Inst Fund ^{13, 14, 17, 44}	Target-Date 2035
Vanguard Target Retirement 2040 Inv	Target-Date 2040	Vanguard Group	Vanguard Institutional Target Retirement 2040 Inst Fund ^{13, 14, 17, 44}	Target-Date 2040
Vanguard Target Retirement 2045 Inv	Target-Date 2045	Vanguard Group	Vanguard Institutional Target Retirement 2045 Inst Fund ^{13, 14, 17, 44}	Target-Date 2045
Vanguard Target Retirement 2050 Inv	Target-Date 2050	Vanguard Group	Vanguard Institutional Target Retirement 2050 Inst Fund ^{13, 14, 17, 44}	Target-Date 2050
Vanguard Target Retirement 2055 Inv	Target-Date 2055	Vanguard Group	Vanguard Institutional Target Retirement 2055 Inst Fund ^{13, 14, 17, 44}	Target-Date 2055
Vanguard Target Retirement 2060 Inv	Target-Date 2060	Vanguard Group	Vanguard Institutional Target Retirement 2060 Inst Fund ^{13, 14, 17, 44}	Target-Date 2060
Vanguard Target Retirement 2065 Inv	Target-Date 2065+	Vanguard Group	Vanguard Institutional Target Retirement 2065 Inst Fund ^{13, 14, 17, 44}	Target-Date 2065+

This Investment Mapping Strategy was selected and authorized by your retirement plan administrator. This strategy details how the existing retirement account balances held for the benefit of the participant will transfer from the current service provider(s) to The Principal Financial Group. This strategy is subject to change without notification. Retirement funds without a similar match were mapped to Vanguard Total Bond Market Index Admiral Fund.

After the transfer of funds is complete, you'll be able to move retirement account balances into any of the investment options available, including the investment options listed in the "Mapped to Investment Option" column and any of the following.

Investment Advisor	Investment Option
BlackRock Advisors, LLC	BlackRock Mid-Cap Growth Equity K Fund ^{1, 49}
Massachusetts Financial Svc Co	MFS Mid Cap Value R6 Fund ^{1, 49}
Vanguard Group	Vanguard Institutional Target Retirement Income Inst Fund ^{13, 14, 17, 44}
Vanguard Group	Vanguard Small Cap Index Admiral Fund ^{1, 2, 49}
Vanguard Group	Vanguard Total Bond Market Index Admiral Fund

*Current retirement account balances mapped to the age applicable target date fund will be temporarily mapped to the plan's transitional holding arrangement, until Principal Life Insurance Company (Principal Life) receives the final participant transfer balances from the prior service provider(s) and reconciles to the amount received. The retirement funds will then be reallocated to the age applicable target date fund based on the Normal Retirement Date as stated in the plan; unless you direct otherwise.

Unless you have directed otherwise above, for investment options that do not have a similar matching investment option or are not listed within this mapping strategy, the default will be the age applicable target date fund. These retirement funds will be temporarily mapped to the plan's transitional holding arrangement, until Principal Life Insurance company (Principal Life) receives the final participant transfer balances from the prior service provider(s). The retirement fund will be reallocated to the age applicable Target Date fund.

Current Investment Options Summary

Large U.S. Equity		
Large Value	Large Blend	Large Growth
American Beacon Large Cap Value R6 TIAA-CREF Large-Cap Value Idx Inst	Vanguard 500 Index Admiral	T. Rowe Price Lrg Cp Gr I TIAA-CREF Large-Cap Gr Idx Instl
Small/Mid U.S. Equity		
Mid Cap Value	Mid Cap Blend	Mid Cap Growth
	Columbia Mid Cap Index Inst2	
Small Value	Small Blend	Small Growth
PGIM QMA Small-Cap Value R6 Vanguard Small Cap Value Index Admiral		Hartford Small Cap Growth R6 Vanguard Small Cap Growth Index Admiral
Real Estate		
International Equity	Balanced/Asset Allocation	Short-Term Fixed Income
Fidelity Emerging Markets Idx MFS Instl International Equity TIAA-CREF International Eq Idx Instl	American Funds American Balanced R6 Vanguard Target Retirement 2020 Inv Vanguard Target Retirement 2025 Inv Vanguard Target Retirement 2030 Inv Vanguard Target Retirement 2035 Inv Vanguard Target Retirement 2040 Inv Vanguard Target Retirement 2045 Inv Vanguard Target Retirement 2050 Inv Vanguard Target Retirement 2055 Inv Vanguard Target Retirement 2060 Inv Vanguard Target Retirement 2065 Inv ATDynamic Conservative ATDynamic Moderately Aggressive AT Tactical Allocation ATDynamic Moderately Conservative ATDynamic Moderate ATDynamic Aggressive	Vanguard Short-Term Investment-Grade Adm American Trust Stable Value
Fixed Income		
BlackRock High Yield Bond K Loomis Sayles Core Plus Bond N		

Principal Investment Options Summary

Large U.S. Equity		
Large Value	Large Blend	Large Growth
MFS Value R6 Fund ⁴⁹ 	Vanguard 500 Index Admiral Fund ² 	T. Rowe Price Large Cap Growth I Fund 
Small/Mid U.S. Equity		
Mid Cap Value	Mid Cap Blend	Mid Cap Growth
MFS Mid Cap Value R6 Fund ^{1, 49} 	Vanguard Mid Cap Index Admiral Fund ¹ 	BlackRock Mid-Cap Growth Equity K Fund ^{1, 49} 
Small Value	Small Blend	Small Growth
Wells Fargo Special Small Cap Value R6 Fund ^{1, 49} 	Vanguard Small Cap Index Admiral Fund ^{1, 2, 49} 	SmallCap Growth I Separate Account-Z ^{A, 1, 3, 19, 31}   

Principal Investment Options Summary

International Equity	Balanced/Asset Allocation	Short-Term Fixed Income
<p>MFS Institutional International Equity Fund ⁴</p>  <p>Vanguard Total International Stock Index Admiral Fund ^{4, 49}</p> 	<p>Vanguard Institutional Target Retirement Income Inst Fund ^{13, 14, 17, 44}</p> <p>Vanguard Institutional Target Retirement 2020 Inst Fund ^{13, 14, 17, 44}</p> <p>Vanguard Institutional Target Retirement 2025 Inst Fund ^{13, 14, 17, 44}</p> <p>Vanguard Institutional Target Retirement 2030 Inst Fund ^{13, 14, 17, 44}</p> <p>Vanguard Institutional Target Retirement 2035 Inst Fund ^{13, 14, 17, 44}</p> <p>Vanguard Institutional Target Retirement 2040 Inst Fund ^{13, 14, 17, 44}</p> <p>Vanguard Institutional Target Retirement 2045 Inst Fund ^{13, 14, 17, 44}</p> <p>Vanguard Institutional Target Retirement 2050 Inst Fund ^{13, 14, 17, 44}</p> <p>Vanguard Institutional Target Retirement 2055 Inst Fund ^{13, 14, 17, 44}</p> <p>Vanguard Institutional Target Retirement 2060 Inst Fund ^{13, 14, 17, 44}</p> <p>Vanguard Institutional Target Retirement 2065 Instl Fund ^{13, 14, 17, 44}</p> 	<p>PIMCO Stable Income Fund Class 1 ⁴⁹</p> 
Fixed Income		
<p>Loomis Sayles Core Plus Bond N Fund ^{16, 17, 49}</p>  <p>Vanguard Total Bond Market Index Admiral Fund ^{2, 16}</p> 		

Current Investment Options Important Information

Index investment Options - Each index-based investment option is invested in the stocks of the index it tracks. Performance of indexes reflects the unmanaged result for the market segment the selected stocks represent. There is no assurance an index based investment option will match the performance of the index tracked.

Small-Cap and Mid-Cap Investment Options - These investment options are subject to more fluctuation in value and may have additional risks than other investment options with stocks of larger, more stable companies.

International Stock investment Options - These investment options are subject to additional risk due to fluctuating exchange rates, foreign accounting and financial policies, and other economic and political environments.

High-Yield Bond investment Options - These investment options are subject to greater credit risk associated with high yield bonds.

Government Bond investment Options - While the underlying securities of these investment options may be guaranteed by the U.S. government as to timely payment of principal and interest, these investment options are not guaranteed.

Real Estate Investment Trust investment Options - These investment options are subject to some risks inherent in real estate and Real Estate Investment Trusts, such as risks associated with general and local economic conditions.

Specialty investment Options - Due to the sector focus of these investment options, they may experience greater volatility than funds with a broader investment strategy. These investment options are not intended to serve as a complete investment program by itself.

Principal Investment Options Important Information

^A *Sub-advised Investment Options include Separate Accounts available through a group annuity contract with the Principal Life Insurance Co. Insurance products and plan administrative services, if applicable, are provided by Principal Life Insurance Company a member of the Principal Financial Group, Des Moines, IA 50392. See the fact sheet for the full name of the Separate Account. Certain investment options may not be available in all states or U.S. commonwealths. Principal Life Insurance Company reserves the right to defer payments or transfers from Principal Life Separate Accounts as described in the group annuity contracts providing access to the Separate Accounts or as required by applicable law. Such deferment will be based on factors that may include situations such as: unstable or disorderly financial markets; investment conditions which do not allow for orderly investment transactions; or investment, liquidity, and other risks (such as those associated with general and local economic conditions). If you elect to allocate funds to a Separate Account, you may not be able to immediately withdraw them.*

Insurance products and plan administrative services, if applicable, are provided by Principal Life Insurance Company. Securities are offered through Principal Securities, Inc., 1.800.547.7754, member SIPC and/or independent broker/dealers. Securities sold by a Principal Securities Registered Representative are offered through Principal Securities. Principal Securities and Principal Life are members of the Principal Financial Group®, Des Moines, IA 50392. Certain investment options may not be available in all states or U.S. commonwealths. Principal Life Insurance Company reserves the right to defer payments or transfers from Principal Life Separate Accounts as described in the group annuity contracts providing access to the Separate Accounts or as required by applicable law. Such deferment will be based on factors that may include situations such as: unstable or disorderly financial markets; investment conditions which do not allow for orderly investment transactions; or investment, liquidity, and other risks inherent in (such as those associated with general and local economic conditions). If you elect to allocate funds to a Separate Account, you may not be able to immediately withdraw them.

Carefully consider the Fund's objectives, risks, charges, and expenses. Contact your financial professional or visit principal.com for a prospectus, or summary prospectus if available, containing this and other information. Please read it carefully before investing. For information on this or other investment options, visit principal.com, or call 800-547-7754.

Investment and Insurance products are:

- *Not insured by the FDIC or Any Federal Government Agency*
- *Not a Deposit or Other Obligation of, or Guaranteed by Credit Union or Bank*
- *Subject to Investment Risks, Including Possible Loss of the Principal Amount Invested*

A surrender charge may apply to withdrawals or transfers from an unmatured guaranteed interest account. Results shown for guaranteed accounts are average annual guaranteed interest rates.

Separate Accounts are made available through a group annuity contract with the Principal Life Insurance Company, Des Moines, IA 50392. They may not be available in all states. Ask your representative for more details.

Before directing retirement funds to a separate account, investors should carefully consider the investment objectives, risks, charges and expenses of the separate account as well as their individual risk tolerance, time horizon and goals. For additional information contact us at 1-800-547-7754.

Some of the investment options in this comparison may be separate accounts of Group Variable annuity Contracts, some may be Collective Investment Trusts and some may be mutual funds. Different expenses and fees may apply. These differences were not considered in this comparison.

A separate account is a pooled fund created by an insurance company which is segregated from the general funds maintained by the company for the purpose of paying claims. Separate accounts invest in a variety of securities and funds often contain retirement funds.

A mutual fund is an open-ended fund operated by an investment company which raises money from shareholders and invests in a group of assets in accordance with a stated set of objectives. Benefits include diversification and professional money management. Shares are issued and redeemed on demand, based on the fund's net asset value which is determined at the end of each trading session.

A Collective Investment Trust is a pooled investment vehicle maintained by a bank or trust company, for use with Qualified Retirement plans, and governmental 457(b) plans. A Collective Investment Trust is not a mutual fund and is regulated by the state banking authority or the Office of the Comptroller of the Currency.

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1. Small-cap and mid-cap investment options are subject to more fluctuation in value and may have additional risks than other investment options with stocks of larger, more stable companies.

2. Each index based investment option is invested in the stocks or bonds of the index it tracks. Performance of indexes reflects the unmanaged results for the market segment the selected stocks or bonds represent. There is no assurance an index based investment option will match the performance of the index tracked.
3. This Separate Account invests solely in the least expensive share class of the Principal Funds. All voting rights associated with ownership of shares in the mutual fund are the rights of the Separate Account, not of contract holders investing in the Separate Account. For further information on the underlying mutual fund, see the prospectus of the fund.
4. International and global investment options are subject to additional risk due to fluctuating exchange rates, foreign accounting and financial policies, and other economic and political environments.
13. Equity investment options involve greater risk, including heightened volatility, than fixed-income investment options. Fixed-income investment options are subject to interest rate risk, and their value will decline as interest rates rise.
14. Asset allocation does not guarantee a profit or protect against a loss. Investing in real estate, small-cap, international, and high-yield investment options involves additional risks.
16. Fixed-income investment options are subject to interest rate risk, and their value will decline as interest rates rise. Neither the principal of bond investment options nor their yields are guaranteed by the U.S. government.
17. Fixed-income and asset allocation investment options that invest in mortgage securities are subject to increased risk due to real estate exposure.
19. This Separate Account invests solely in the least expensive share class of a mutual fund (Fund) from Principal Funds, Inc. Principal Global Investors, LLC invests up to 30% of the Fund's assets in equity securities in an attempt to match the performance of the Fund's benchmark index. The Fund's remaining assets are managed by the sub-advisors.
31. Investment manager/sub-advisor means either the Investment Advisor or Sub-Advisor to the investment option or the underlying asset(s).
44. Selecting a target date fund series is also authorizing any additional vintage which is launched by the investment provider for the series, and included in their associated materials, to be added to the plan after proper notification.
49. For investment options, returns for all time periods, except the Since Inception time frame, may include the historical performance of the oldest share class of the investment, adjusted to reflect a portion of the fees and expenses of this share class. Since Inception returns display the actual return of this share class and do not reflect the adjusted returns of the oldest share class. Please see the fund's prospectus or if CIT, the offering document for more information on specific expenses, and the investment options most recent shareholder report for actual date of first sale. For a CIT, you may need to contact the plan sponsor or plan advisor, if applicable. Expenses are deducted from income earned by the investment option. As a result, dividends and investment results will differ for each share class.