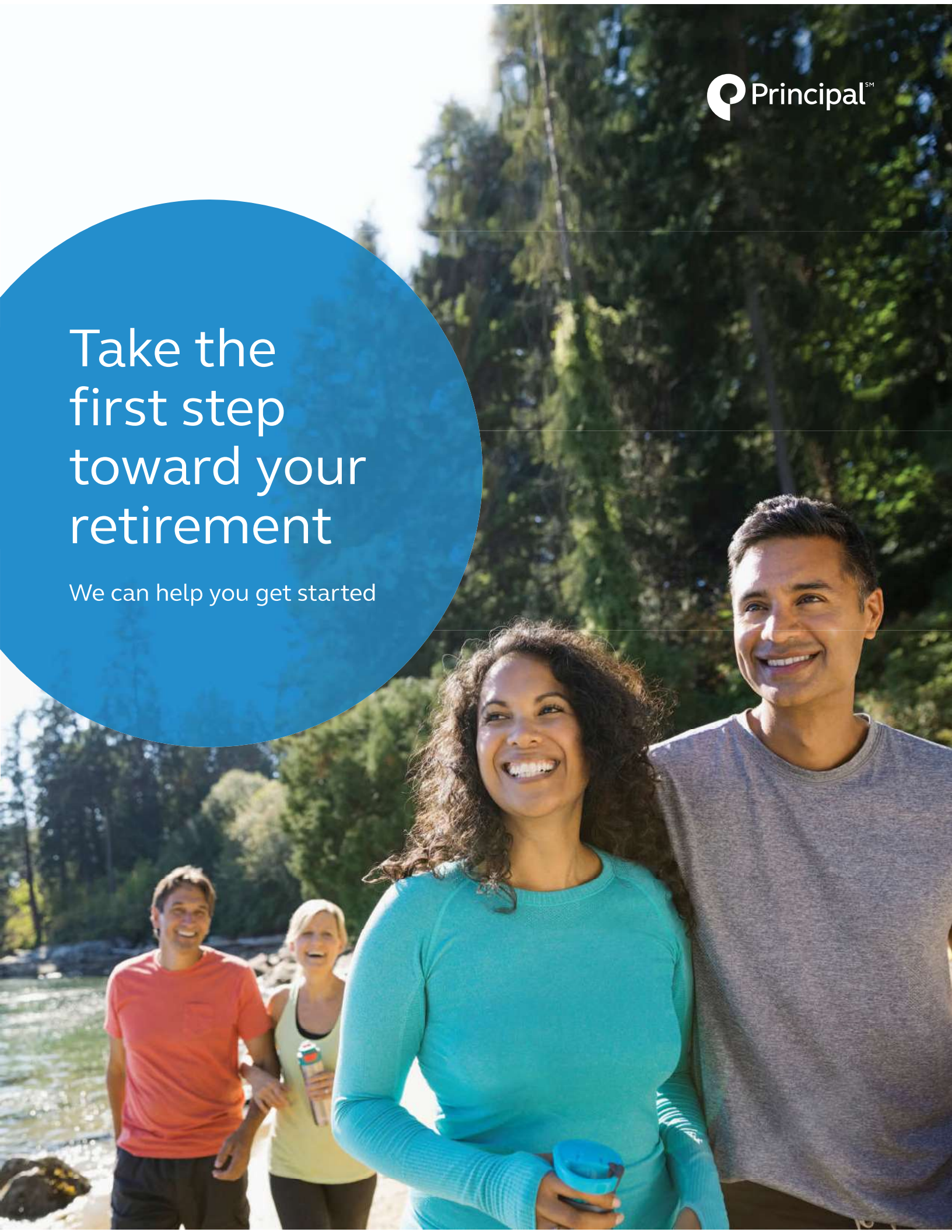


Take the first step toward your retirement

We can help you get started



This workbook content is current as of the production date noted below. If there are any discrepancies between this information and the legal plan document, the legal plan document will govern. If the production date is older than three months or past an investment performance quarter end, you should contact your plan sponsor or log in to principal.com for current retirement plan and investment option information. The member companies of the Principal Financial Group® prohibit the manipulation of this workbook content. If your plan sponsor elects to provide this workbook electronically, Principal® is not responsible for any unauthorized changes.

11/27/2018

1 Start saving for retirement

What's the number one most important thing you can do when it comes to retirement? Here's a hint – it's very simple. **Get started.** We know that doesn't sound simple to some of you, so stick with us, it's easier than you think.

Pick one of these options to begin saving for retirement.



Visit

principal.com/welcome

or



Call for assistance

1-800-547-7754

or



Complete

the enclosed enrollment form

If you're still learning the ropes, use **My Virtual Coach** at principal.com/myvirtualcoach-enroll. An online, interactive conversation that's like having a retirement assistant at your fingertips 24/7. Plus, it's pretty entertaining!

2 How much will you put aside today?

How you plan to live out your retirement determines how much you may need to save today. Are your goals to travel, downsize, or pay for your grandkids' college? Planning how much you need to put aside today can help ensure you have the funds needed for your future.

Still have enrollment questions? Register at principal.com/enrollmentwebinar for an upcoming Enrollment Webinar or watch a replay when it works for your schedule.

3 Select or review your plan's investments

As part of your employer's retirement plan, investment options are available for you to allocate money to. Make sure the investment options chosen are right for you while you're logged in. Not sure? **Asking these two questions can help:**

- 1 **How comfortable are you with risk?**
- 2 **How long do you have until you retire?**

If you know the answers to these you'll be able to make more well-informed choices about where you put the money.

For a full listing of investment options, refer to the **Investment Option Summary** included. Unless you make a different investment election prior to your first contribution received by Principal, your contributions will be directed to the Plan's default investment option as selected by the plan sponsor.*

Find out your comfort level with risk by taking our investor profile quiz at principal.com/investorprofilequiz

*The plan's participant level default is: Principal LifeTime Hybrid CITs. See Investment option summary for important information. If the default is a target date fund series, the applicable target date fund will be based on the plan's normal retirement date.

Get the resources you need, when and where you want them

Once you've enrolled, log in to your account at principal.com to take advantage of these helpful resources.



Use **My Virtual Coach** to make complex topics and decisions less scary and easier to understand. It's like having a retirement assistant at your fingertips 24/7.

.....



Get your **Retirement Wellness Score** to see if you're on track for the retirement you want. Then, head over to the **Retirement Wellness Planner** to visualize how your actions may impact your plans for retirement¹

.....



Stay up-to-date on your **investments** and explore our **investment information**.

.....



Get education and insight with monthly webinars at principal.com/learnnow to help you make informed decisions on topics like tax strategies, retirement income, Social Security and more.

.....



Manage your account on-the-go with text alerts and mobile account access from our app.

.....



Give us a call at 800.547.7754, Monday through Friday from 7 a.m. – 9 p.m. Central Time.

.....

About Target Date investment options:

Target date portfolios are managed toward a particular target date, or the approximate date the investor is expected to start withdrawing money from the portfolio. As each target date portfolio approaches its target date, the investment mix becomes more conservative by increasing exposure to generally more conservative investments and reducing exposure to typically more aggressive investments. Neither the principal nor the underlying assets of target date portfolios are guaranteed at any time, including the target date. Investment risk remains at all times. Asset allocation and diversification do not ensure a profit or protect against a loss. Be sure to see the relevant prospectus or offering document for full discussion of a target date investment option including determination of when the portfolio achieves its most conservative allocation.

¹ The Retirement Wellness Planner Information and Retirement Wellness Score are limited only to the inputs and other financial assumptions and is not intended to be a financial plan or investment advice from any company of the Principal Financial Group® or plan sponsor. This calculator only provides education which may be helpful in making personal financial decisions. Responsibility for those decisions is assumed by the participant, not the plan sponsor and not Principal®. Individual results will vary. Participants should regularly review their savings progress and post-retirement needs.



Principal Life Insurance Company
Des Moines, IA 50306-9394

Plan Summary

Am I eligible for Alpha Services Company of Rochester 401(k) Plan?

You are eligible to join the plan unless you are an employee who is:

- an independent contractor or employee of an independent contractor

If you meet the above requirements, you are eligible to join the plan if you:

- are at least age 18
- have completed 1.00 year(s) with the company in which you worked at least 1,000 hours

You enter the plan on the semi-annual date on or after you meet the eligibility requirements.

From where do my contributions come from?

Contributions in general are from total pay from Alpha Services Company of Rochester including salary deferral contributions.

Your benefits representative can provide more detailed information.

Are there limits to my contributions?

You may choose to contribute up to 100% of your total pay.

Your taxable income is reduced by the amount you contribute pre-tax through salary deferral. This lets you reduce your taxable income. Your total salary deferral in 2018 may not be more than \$18,500.00.

Your maximum contribution percentage and/or dollar amount may also be limited by Internal Revenue Service regulations.

If you are 50 years old or older during the plan year and you have met the annual IRS deferral limit (or the specified plan limit for deferrals), you may contribute a catch-up deferral of up to \$6,000 in 2018. If you qualify and are interested in making catch-up contributions, please contact your plan administrator for details.

Can I make after-tax, Roth salary deferral contributions?

Roth salary deferral contributions are another option to designate your salary deferral contributions.

Plan Summary

Roth salary deferral contributions are made on an after-tax basis. You may designate any amount of the available salary deferral limit for a plan calendar year as Roth salary deferral contributions.

Roth salary deferral contributions plus your pre-tax salary deferral contributions are counted toward the annual salary deferral contribution amount and salary deferral contribution percentage mentioned above.

Distributions from your Roth salary deferral contribution account will generally be tax-free if the distribution meets the qualified distribution requirements, death or disability and you have maintained the Roth salary deferral account for at least 5 taxable years.

Can I change my contributions to my employer's retirement plan?

You may stop making salary deferral contributions at any time. You may change your salary deferral amount semi-yearly. Changes will be implemented as soon as administratively feasible.

Employer contributions

Your employer will match 100% of the first 3% of pay you contribute to the plan through salary deferral plus 50% of the next 2% you defer.

When a matching contribution is made to the plan, it will be calculated based on salary deferrals and pay as of the end of the pay period.

I have a retirement account with a previous employer. Can I combine the two?

You may be allowed to roll over into this plan all or a portion of the retirement funds you have outside this plan. You may then withdraw all or a portion of your rollover contributions. The number of withdrawals may be limited. Refer to your Summary Plan Description for more details.

To receive additional information, contact your Plan Administrator, visit us at principal.com or call 1-800-547-7754.

When am I vested in the retirement plan funds?

You are always 100% vested in the contributions **you** choose to defer and in the employer matching contributions.

Investment options

You are able to direct the investment of the retirement account balance by choosing among several investment options.

Plan Summary

In order for you to make informed investment decisions, it is important that you read the investment material (including prospectuses if applicable) available from your plan sponsor.

You may also obtain this information by calling The Principal® at 1-800-547-7754.

You may elect the investment direction of all contributions to the retirement plan. Please see the Summary Plan Description for details.

For detailed information about your investment options, please visit us at principal.com or contact The Principal® at 1-800-547-7754.

How often can I make changes to the investment options in the retirement plan?

- anytime

Note that when transferring existing balances from one investment option to another, redemption fees or restrictions on transfer frequency may apply. Refer to the redemption fee and transfer restriction policy at principal.com or contact your plan administrator.

Changes can be made through our automated system at 1-800-547-7754 or at principal.com.

How can I access my account information?

You may obtain account information through:

- Participant statement (quarterly)
- Call our automated phone system at 1-800-547-7754.
- Visit principal.com to access the account.

How are the fees for the retirement plan paid?

Your employer is paying a portion of the plan administrative expenses. Some plan administrative expenses reduce the credited investment return.

When can I begin receiving benefits from the retirement plan?

Benefits are payable at:

- Retirement (age 65)
- Age 59-1/2 and still working
- Qualified reservist
- Death

Plan Summary

- Disability*
- Termination of employment

Please refer to the participant notice or Summary Plan Description provided to you by your plan sponsor about withdrawal benefits.

*You must have ceased employment to receive this benefit.

If I need to take a loan from the plan, what are the guidelines?

You may borrow up to 50% of the vested account balance or \$50,000.00 (whichever is less). Amount available is reduced by an outstanding balance or by the highest outstanding balance in the past 12 months. This includes all loans (new loans taken in the past 12 months, loans paid off in the last 12 months, and all defaulted loan balances, no matter how old the loan).

The minimum loan amount is \$1,000.00.

Up to 2 loan(s) can be approved in a 12-month period. You may have 2 loan(s) outstanding at any time.

The interest rate will be determined when you apply for your loan. You pay back both the principal and interest directly to the account held for you in the plan through payroll deduction.

Loans must be repaid within a five-year period. See your loan administrator for additional details.

Refer to your Summary Plan Description for more details on contributions available for a plan loan.

Other Information

Your salary deferral contributions are included in the wages used to determine your Social Security tax.

This plan summary includes a brief description of your employer's retirement plan features. While this plan summary outlines many of the major provisions of your employer's retirement plan, this summary does not provide you with every plan detail. The legal plan document, which governs this plan, provides full details. If there are any discrepancies between this plan summary and the legal plan document, the legal plan document will govern.

From time to time, your employer may elect to amend the retirement plan provisions. This plan summary may be updated to reflect proposed amendments to the plan document provisions. Until a plan amendment is adopted, however, the legal plan document will govern. Contact your plan sponsor if you would like more details regarding applicable retirement plan provisions.

Most withdrawals/distributions are subject to taxation and required withholding. Check with your financial/tax advisor on how this may affect you.

Plan Summary

The Principal® is required by the IRS to withhold 20% of the portion of a distribution that is eligible for rollover if it is not directly rolled over to another eligible retirement plan, including an IRA, or used to purchase an annuity to be paid over a minimum period of the lesser of 10 years or the participant's life expectancy. This withholding will offset a portion of federal income taxes you owe on the distribution.

The retirement account may be affected differently by individual state taxation rules. Contact your tax advisor with questions.

If you have questions about the retirement plan call 1-800-547-7754 Monday through Friday, 7 a.m. - 9 p.m. (Central time), to speak to a retirement specialist at The Principal®.

To learn more about The Principal®, visit principal.com.

Insurance products and plan administrative services are provided by Principal Life Insurance Company, a member of the Principal Financial Group® (The Principal®), Des Moines, IA 50392.



Principal Life Insurance Company
Des Moines, IA 50306-9394

Enrollment form
Alpha Services Company of Rochester 401(k) Plan
Contract/Plan ID Number: 8-17525
CTD01321

My personal information (please print with black ink)

Name			Phone number		Email address
<hr/>			<hr/>		<hr/>
Last	First	MI			
Address					
<hr/>		<hr/>	<hr/>	<hr/>	<hr/>
Street		City	State	Zip	Country
Social Security number		Date of birth	Gender		Marital status
<hr/>		<hr/>	<input type="radio"/> Male <input type="radio"/> Female		<input type="radio"/> Single <input type="radio"/> Married
<hr/>		<hr/>			
Expected retirement age		Original date of employment		NOTE: The email address you submit will be used for services provided by Principal Group®, unless otherwise elected. We will not provide your email to third parties. For more information, see your privacy policy at principal.com.	
<hr/>		<hr/>			
<hr/>		<hr/>			
If you were rehired, complete these dates:		Date of termination	Date of rehire		
<hr/>		<hr/>	<hr/>		

Rollover funds

☐ **Yes!** Help me roll over retirement savings from a previous employer's retirement plan.

Complete if you would like to consolidate retirement savings.

Please ☐ **call** or ☐ **email** me to discuss my options. My estimated rollover balance is \$ _____.

To learn about rollover opportunities now, call The Principal at 1-800-547-7754, Monday – Friday, 7 a.m. - 9 p.m. CT.

Complete all 3 Steps **1** **2** **3** to enroll in the retirement savings plan, or to make changes to your contribution percentage.

1 My contributions^A

Take advantage of your employer's match! (pick one)

- ☐ I elect to contribute _____% (0% to 100%) of my current and future pay per pay period before taxes, and/or I elect to contribute _____% (0% to 100%) after taxes as Roth after-tax elective deferral contributions. This will also apply for my current and future bonus pay.
- ☐ I am already enrolled, but I want to change my contribution to _____% (0% to 100%) of my current and future pay per pay period as pre-tax contributions, and/or change my contribution to _____% (0% to 100%) of my current and future pay per pay period as Roth after-tax elective deferral contributions. This will also apply for my current and future bonus pay.

My contributions

☐ I choose **not to contribute** to the retirement plan at this time.

^A Elective deferral contributions are limited to the lesser of the plan or IRS Limit for the current calendar year. See plan summary or your employer for limits.

2 My investment choices

Please elect **One of the two choices** by checking the box(es) and completing the applicable information for your choice.

(If you are already enrolled and want to make changes to how future contributions are directed, visit principal.com or call 1-800-547-7754.)

Choice A: Quick Option — Principal LifeTime Hybrid CITs

☐ I elect a **Quick Option — Principal LifeTime Hybrid CITs**

I understand contributions will be directed to the plan's Qualified Default Investment Alternative; one of the Principal LifeTime Hybrid CITs based on the plan's normal retirement date.¹ I have read the plan's QDIA notice and enclosed investment information related to this investment. **I do not want to make another investment election at this time, and this will be treated as my investment option direction.**

Still need help? Log into your account at Principal.com for more investment options available to you through your employers retirement plan.

(Please refer to the Investment Option Summary for more information.)

> If you've completed this section, move ahead to **My signature!** **3**

¹ Principal LifeTime Hybrid CITs are available as another way to use an asset allocation strategy that may be right for you. There are other investment options available under the retirement plan, and you should review them all. Reviewing all investment options can help you decide whether you wish to design your own mix of investment options. Please note that your contribution will be directed to the plan's QDIA - Principal LifeTime Hybrid CITs based on a particular target date or retirement date. If you would rather choose your own mix of investment options, you may do so by completing the Build My Own Portfolio section of this form or visiting principal.com.

Choice B: Build my own portfolio

☐ I elect the following investment options (enter percentages below.)

(Please refer to the Investment Option Summary for more information.)

New
contributions

Short-Term Fixed Income

Fixed Income Guaranteed Option _____ %

Fixed Income

My investment choices

	New contributions
AB LP	
AB High Income Z Fund	_____ %
BlackRock Advisors, LLC	
iShares US Aggregate Bond Index K Fund	_____ %
Capital Research and Mgmt Co	
American Funds Bond Fund of America R6 Fund	_____ %
PIMCO	
PIMCO Global Bond Opportunities (USD-Hedged) Inst Fund	_____ %
Vanguard Group	
Vanguard Inflation-Protected Securities Admiral Fund	_____ %

Balanced/Asset Allocation

Multiple Sub-Advisors

Principal LifeTime Hybrid Income CIT	_____ %
Principal LifeTime Hybrid 2010 CIT	_____ %
Principal LifeTime Hybrid 2015 CIT	_____ %
Principal LifeTime Hybrid 2020 CIT	_____ %
Principal LifeTime Hybrid 2025 CIT	_____ %
Principal LifeTime Hybrid 2030 CIT	_____ %
Principal LifeTime Hybrid 2035 CIT	_____ %
Principal LifeTime Hybrid 2040 CIT	_____ %
Principal LifeTime Hybrid 2045 CIT	_____ %
Principal LifeTime Hybrid 2050 CIT	_____ %
Principal LifeTime Hybrid 2055 CIT	_____ %
Principal LifeTime Hybrid 2060 CIT	_____ %
Principal LifeTime Hybrid 2065 CIT	_____ %

Large U.S. Equity

Capital Research and Mgmt Co

American Funds Fundamental Investors R6 Fund	_____ %
--	---------

Principal Global Investors

LargeCap S&P 500 Index Separate Account ^	_____ %
---	---------

Vanguard Group

Vanguard Growth Index Admiral Fund	_____ %
Vanguard Value Index Admiral Fund	_____ %

Small/Mid U.S. Equity

American Beacon

American Beacon Small Cap Value R6 Fund	_____ %
---	---------

Carillon Tower Advisors

Carillon Eagle Mid Cap Growth R6 Fund	_____ %
---------------------------------------	---------

Janus Henderson

Janus Henderson Triton N Fund	_____ %
-------------------------------	---------

Principal Global Investors

MidCap S&P 400 Index Separate Account ^	_____ %
---	---------

SmallCap S&P 600 Index Separate Account ^	_____ %
---	---------

Principal Real Estate Inv

Real Estate Securities Sep Acct ^	_____ %
-----------------------------------	---------

Wells Fargo Fund Management

Wells Fargo Special Mid Cap Value R6 Fund	_____ %
---	---------

My investment choices

New
contributions

International Equity

Capital Research and Mgmt Co	
American Funds New World R6 Fund	_____ %
Dimensional Fund Advisors	
DFA International Value I Fund	_____ %
Principal Global Investors	
Diversified International Separate Account ^	_____ %
Vanguard Group	
Vanguard International Growth Admiral Fund	_____ %

TOTAL of all lines: 100 %

Your investment election will be effective when it is received in the Corporate Center of The Principal by the close of market. Forms received after the close of market will be processed on the next open market date. If no investment election is received, or contributions are received prior to your investment election, contributions will be directed according to the plan's default investment alternative(s): Principal LifeTime Hybrid CIT <based on your current age and the plan's normal retirement date>.

Please log in to principal.com for more details.

If you've completed this section, move ahead to **My signature!** 3

3 My signature

Please sign, then give this completed form to your benefits representative.

This agreement applies to amounts earned until changed by me in writing. I understand my plan sponsor may reduce my contributions only when required to meet certain plan limits. I will review all statements regularly and report any discrepancy to Principal immediately.

Signature	Date
X _____	_____

Be sure you have completed all 3 steps 1 2 3

Important Information

The subject matter in this communication is provided with the understanding that The Principal® is not rendering legal, accounting, or tax advice. You should consult with appropriate counsel or other advisors on all matters pertaining to legal, tax, or accounting obligations and requirements.

- ^A Sub-Advised Investment Options include Separate Accounts available through a group annuity contract with the Principal Life Insurance Company. 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 inherent in real estate (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.

Your plan sponsor has chosen to make available to you all of the investment options listed on this enrollment form.

Insurance products and plan administrative services are provided by Principal Life Insurance Company, a member of the Principal Financial Group® (The Principal®), Des Moines, IA 50392.

Information in this enrollment form should not be construed as investment advice.

This workbook content is current as of the production date noted below. If there are any discrepancies between this information and the legal plan document, the legal plan document will govern. If the production date is older than three months or has passed a quarter end, you should contact your plan sponsor or log in to principal.com for current retirement plan and investment option information. The member companies of the Principal Financial Group® prohibit the manipulation of this workbook content. If your plan sponsor elects to provide this workbook electronically, The Principal® is not responsible for any unauthorized changes.

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PG4711-13 | 08/2017 | t1604060421

ERISA 404 retirement plan and investment information

11/27/2018

The retirement savings plan offered by ALPHA SERVICES COMPANY OF ROCHESTER is a great way to help you save for the life you want in retirement. ALPHA SERVICES COMPANY OF ROCHESTER 401(K) PLAN (the Plan) has fees associated with the services and resources provided by the Plan.

Plan Fiduciary

The Plan Fiduciary is the individual(s) who has authority over the operation and administration of the Plan and its retirement funds. The Plan Fiduciary is typically your employer, and may also be called the Plan Sponsor.

Plan Administrator

The Plan Administrator, who is also a Plan Fiduciary, has the authority over the operation and administration of the Plan. If you have questions about the investment options available under the Plan or would like paper copies of additional investment information, you can obtain this information on principal.com or by contacting the Plan Administrator:

ALPHA SERVICES COMPANY OF ROCHESTER
3261 19TH STREET NW
ROCHESTER, MN 55901-6786
507-252-8117

Information about ERISA Section 404(c)

The Employee Retirement Income Security Act (ERISA) provides rules on the investment of retirement funds. ALPHA SERVICES COMPANY OF ROCHESTER has chosen to qualify the Plan as an ERISA 404(c) plan and intends to comply by providing information for you to make educated investment decisions and by letting you:

- Direct the investment of individual retirement accounts
- Choose from at least three diverse investment options
- Change investment choices at least quarterly

This means the Plan Fiduciary should not be liable for any investment losses that result from a participant's investment control.

Your future, your choice

The Plan Fiduciary makes certain investment options available to you under the Plan. But you are responsible for directing the retirement funds to the options available in the Plan that work best for you. You can make changes to your investment mix by logging into your account at principal.com. Learn more about the investment options available under the Plan online and in the Investment Option Summary.

Directing or transferring between investment options

Certain investment options may have restrictions. See the Investment Option Summary for details.

You can direct or transfer retirement funds between the different investment options at least quarterly, but the Plan may allow for more frequent transfers and changes. To update investment elections for your current balance or future contributions, log in to your account at principal.com or call us at 800.547.7754.

Voting rights

A description of the exercise of voting, tender and similar rights for an investment alternative and any restrictions on these rights can be found in the relevant Plan document or trustee powers section of the trust agreement. If you would like copies of these documents, contact the Plan Administrator, if applicable.

Fees and expenses⁺

An annual Plan administrative expense of 1.21% applies to your account balance. One-twelfth of the total amount will be deducted from your account balance each month. Any remaining expense(s) will be paid by ALPHA SERVICES COMPANY OF ROCHESTER.

Plan administrative expenses typically cover items such as recordkeeping, participant website access, participant statements, Plan compliance services and financial professional services.

Occasionally, there may be additional Plan expenses during normal Plan operation for services such as legal, auditing, other service provider, consulting or investment advice. The Plan Fiduciary determines how these expenses are allocated at the time the expenses are paid. These expenses are typically allocated among participants based on participant account balance, but may be allocated by dividing the total expenses to be deducted by the total number of participants in the Plan. You can view the dollar amount of applicable expenses under your account at principal.com and on your statement.

Participant-level fees

Participant transaction fees will be charged to your account balance for the services you choose to use. Participant transaction fees for the Plan include:

- **Distribution fee:** \$50.00
- **Loan maintenance fee:** \$12.00 per quarter
- **Loan setup fee:** \$75.00
- **Qualified Domestic Relations Order processing fee:** \$350.00 for each Domestic Relations Order processed.
The fee is divided equally between the participant and the alternate payee involved unless specified differently within the Domestic Relations Order or the Plan's Administrative Procedures.

An annual \$40.00 fee will apply to new installment elections, if available under the Plan. The fee will be broken down and deducted from your account every three months unless you have established another collection method.

⁺ If you have a balance in an investment that is excluded from the collection of expenses, we will collect the expense from the balances in other investments, beginning with the investment with the largest balance.

With the transition of the Plan services to Principal, the participant transaction fees may be different than those charged by the previous service provider. The new fees have been approved by the Plan Fiduciary.

The following information is available upon request from the Plan Administrator (at no charge):

- Copies of prospectuses (or any short-form or summary prospectuses) for the investment options
- Copies of any financial statements or reports, such as statements of additional information and shareholder reports, and of any other similar materials relating to the Plan's designated investment options
- A statement of the value of a share or unit of each designated investment option and the date of the valuation
- A list of the assets comprising the portfolio of each investment option which constitute Plan assets and the value of each asset (or the proportion of the investment which it comprises)
- The following information about each investment option (including fixed-return investment options) available under the Plan: issuer name, investment objective, principal strategies and risks, turnover rate, performance, and fee and expense information
- To the extent a group annuity contract under the Plan permits you to select an annuity guaranteed by an insurance company, a statement that the guarantee provided by the insurance company is subject to its long-term financial strength and claims-paying ability

To help you make informed investment choices and for more information about the investment options available to you, including investment objectives, performance and fees, please review the enclosed materials or visit principal.com.

Delivery of statements

This is a notice that your benefit statements are provided quarterly and are available by logging in to your account at principal.com. The statement includes any fees deducted on your retirement account and is being delivered electronically based on your continuous access to the website. You have the right to receive paper statements, free of charge, which you can elect that preference under your account, or by calling 800.547.7754 Monday through Friday, 7 a.m.-9 p.m. CT.

For important information on the plan's investment options, see the Investment Option Summary.

Insurance products and plan administrative services provided through Principal Life Insurance Co. Securities are offered through Principal Securities, Inc, 800-547-7754, [member SIPC](#) and/or independent brokerdealers. Securities sold by a Principal Securities Registered Representative are offered through Principal Securities, Inc., Principal Securities and Principal Life are members of the Principal Financial Group, Des Moines, Iowa, 50392. Certain investment options may not be available in all states or U.S. commonwealths.

PT249H | 449412-052018 | 6/2018

Investment Option Summary

As of 09/30/2018

This document provides important information to help you compare the investment options available to you under the retirement plan.

Investment results shown represent historical performance and do not guarantee future results. Investment returns and principal values fluctuate with changes in interest rates and other market conditions so the value, when redeemed, may be worth more or less than original costs. Current performance may be lower or higher than the performance data shown. For additional information on the investment options, including most recent month-end performance, log in to the Principal Financial Group® website at principal.com or call our automated phone system at 1-800-547-7754.

Additional information available online includes, if applicable, the name of the investment option's issuer; the investment option's objectives or goals; the investment option's principal strategies, including a general description of the types of assets held by the investment option; the portfolio turnover rate; and the investment option's performance data and fee and expense information.

In situations where the net and gross total investment expense figures are different, the mutual fund or the underlying fund in which a Separate Account invests has waived/capped a portion of its management fees through the date displayed in the waiver expiration date or contractual cap expiration date column. Differences may also be shown due to the fund family choosing to pay certain expenses that would normally be payable by the fund. Returns displayed are based on total investment expense net.

Fees and expenses are only one of several factors that participants and beneficiaries should consider when making investment decisions. The cumulative effect of fees and expenses can substantially reduce the growth of a participant's or beneficiary's retirement account. Participants and beneficiaries can visit the Employee Benefit Security Administration's website for an example demonstrating the long-term effect of fees and expenses.

For a glossary of terms to assist you in understanding the designated investment options, log in to your account at principal.com.

Asset Class: Fixed Income

This asset class is generally composed of investment options that invest in bonds, or debt of a company or government entity (including U.S. and Non-U.S.). It may also include real estate investment options that directly own property. These investment options typically carry more risk than short-term fixed income investment options (including, for real estate investment options, liquidity risk), but less overall risk than equities. All investment options in this category have the potential to lose value.

Investment Category: **World Bond**

Inv Manager or Sub-Advisor: **PIMCO**

Investment Option Name	Average Annual Total Return										
	(as of 09/30/2018 quarter end)						(as of 12/31/2017 year end)				Incept Date
	YTD Ret	1-Year	3-Year	5-Year	10-Year	Since Incept	1-Year	5-Year	10-Year	Since Incept	
PIMCO Global Bond Opportunities (USD-Hedged) Inst Fund ^{4,24}	0.31	0.95	3.60	4.21	6.12	5.65	4.32	3.80	5.77	5.85	2/1998
Benchmark: Citigroup Non-\$ World Govt Bond Index	-3.09	-1.57	2.39	-0.23	1.99	-	10.33	-0.29	2.44	-	-

Description: The investment seeks maximum total return, consistent with preservation of capital. The fund normally invests at least 80% of its assets in Fixed Income Instruments that are economically tied to at least three countries (one of which may be the United States), which may be represented by forwards or derivatives such as options, futures contracts or swap agreements. It normally invests at least 25% of its net assets in instruments that are economically tied to foreign (non-U.S.) countries. The fund may invest, without limitation, in derivative instruments. It is non-diversified.

Composition (% of Assets) as of 06/30/2018				Fees & Expenses		# of Transfers Allowed/Time Period	
Cash	-17.31	Non-U.S. Stocks	0.06	Total Inv Exp Net %	0.59	-	
Non-U.S. Bonds	-31.24	Convertibles	1.91	Contractual Cap Expiration Date	N/A		
Preferred	0.14	U.S. Bonds	142.8	Waiver Expiration Date	N/A		
Other	3.64			Total Inv Exp Gross %	0.59		
				Total Inv Exp Gross Per \$1,000 Invested	\$5.90		
				Redemption Fee	-		

Asset Class: Fixed Income

This asset class is generally composed of investment options that invest in bonds, or debt of a company or government entity (including U.S. and Non- U.S.). It may also include real estate investment options that directly own property. These investment options typically carry more risk than short-term fixed income investment options (including, for real estate investment options, liquidity risk), but less overall risk than equities. All investment options in this category have the potential to lose value.

Investment Category: **High Yield Bond**Inv Manager or Sub-Advisor: **AB LP**

Investment Option Name	Average Annual Total Return										
	(as of 09/30/2018 quarter end)						(as of 12/31/2017 year end)				
	YTD Ret	1-Year	3-Year	5-Year	10-Year	Since Incept	1-Year	5-Year	10-Year	Since Incept	Incept Date
AB High Income Z Fund 5,14,21,24,E	-0.10	0.20	7.19	5.13	9.59	5.03	8.23	5.88	8.37	5.97	10/2013
Benchmark: Merrill Lynch U.S. High Yield Master II Index	2.52	2.94	8.19	5.54	9.38	-	7.48	5.80	7.89	-	-

Description: The investment seeks to maximize total returns from price appreciation and income. The fund pursues income opportunities from government, corporate, emerging market and high-yield sources. It has the flexibility to invest in a broad range of fixed-income securities in both developed and emerging market countries. The fund's investments may include U.S. and non-U.S. corporate debt securities and sovereign debt securities. It may invest, without limitation, in either U.S. Dollar-denominated or non-U.S. Dollar-denominated fixed-income securities.

Composition (% of Assets) as of 07/31/2018				Fees & Expenses			# of Transfers Allowed/Time Period				
Cash	-33.94	U.S. Stocks	0.45	Total Inv Exp Net %			2/60 day period				
Non-U.S. Stocks	1.54	Non-U.S. Bonds	29.06	Contractual Cap Expiration Date			N/A				
Convertibles	5.22	Preferred	0.92	Waiver Expiration Date			N/A				
U.S. Bonds	93.80	Other	2.95	Total Inv Exp Gross %			0.50				
				Total Inv Exp Gross Per \$1,000 Invested			\$5.00				
				Redemption Fee			-				

Investment Category: **Intermediate-Term Bond**Inv Manager or Sub-Advisor: **BlackRock Advisors, LLC**

Investment Option Name	Average Annual Total Return										
	(as of 09/30/2018 quarter end)						(as of 12/31/2017 year end)				
	YTD Ret	1-Year	3-Year	5-Year	10-Year	Since Incept	1-Year	5-Year	10-Year	Since Incept	Incept Date
iShares US Aggregate Bond Index K Fund	-1.65	-1.37	1.17	2.04	3.60	4.88	3.39	1.94	-	3.28	7/1993
Benchmark: Bloomberg Barclays Aggregate Bond Index	-1.60	-1.22	1.31	2.16	3.77	-	3.54	2.10	4.01	-	-

Description: The investment seeks to provide investment results that correspond to the total return performance of fixed-income securities in the aggregate, as represented by the Bloomberg Barclays U.S. Aggregate Bond Index. The fund is a "feeder" fund that invests all of its assets in the Master Portfolio of MIP, which has the same investment objective and strategies as the fund. Under normal circumstances, at least 90% of the value of the fund's assets, plus the amount of any borrowing for investment purposes, is invested in securities comprising the Barclays U.S. Aggregate Index.

Composition (% of Assets) as of 08/31/2018				Fees & Expenses			# of Transfers Allowed/Time Period				
Cash	2.07	Non-U.S. Bonds	7.99	Total Inv Exp Net %			-				
Convertibles	0.13	U.S. Bonds	89.82	Contractual Cap Expiration Date			N/A				
				Waiver Expiration Date			04/30/2019				
				Total Inv Exp Gross %			0.06				
				Total Inv Exp Gross Per \$1,000 Invested			\$0.60				
				Redemption Fee			-				

Asset Class: Fixed Income

This asset class is generally composed of investment options that invest in bonds, or debt of a company or government entity (including U.S. and Non- U.S.). It may also include real estate investment options that directly own property. These investment options typically carry more risk than short-term fixed income investment options (including, for real estate investment options, liquidity risk), but less overall risk than equities. All investment options in this category have the potential to lose value.

Investment Category: **Intermediate-Term Bond**Inv Manager or Sub-Advisor: **Capital Research and Mgmt Co**

Investment Option Name	Average Annual Total Return										
American Funds Bond Fund of America R6 Fund 14,21,24,G	(as of 09/30/2018 quarter end)						(as of 12/31/2017 year end)				
	YTD Ret	1-Year	3-Year	5-Year	10-Year	Since Incept	1-Year	5-Year	10-Year	Since Incept	Incept Date
	-1.40	-1.43	1.56	2.32	4.01	4.55	3.58	2.27	3.29	5.12	5/2009
Benchmark: Bloomberg Barclays Aggregate Bond Index	-1.60	-1.22	1.31	2.16	3.77	-	3.54	2.10	4.01	-	-

Description: The investment seeks to provide as high a level of current income as is consistent with the preservation of capital. The fund normally invests at least 80% of its assets in bonds and other debt securities. It invests a majority of its assets in debt securities rated A3 or better or A- or better. The fund invests in debt securities with a wide range of maturities. It may invest in debt securities and mortgage-backed securities issued by government-sponsored entities and federal agencies and instrumentalities that are not backed by the full faith and credit of the U.S. government.

Composition (% of Assets) as of 06/30/2018				Fees & Expenses			# of Transfers Allowed/Time Period				
Cash	10.82	U.S. Stocks	0.02	Total Inv Exp Net %			1/30 day period				
Non-U.S. Bonds	9.94	Convertibles	0.25	Contractual Cap Expiration Date			N/A				
Preferred	0.01	U.S. Bonds	78.82	Waiver Expiration Date			N/A				
Other	0.15			Total Inv Exp Gross %			0.25				
				Total Inv Exp Gross Per \$1,000 Invested			\$2.50				
				Redemption Fee			-				

Investment Category: **Inflation-Protected Bond**Inv Manager or Sub-Advisor: **Vanguard Group**

Investment Option Name	Average Annual Total Return										
Vanguard Inflation-Protected Securities Admiral Fund 14,21,24,F	(as of 09/30/2018 quarter end)						(as of 12/31/2017 year end)				
	YTD Ret	1-Year	3-Year	5-Year	10-Year	Since Incept	1-Year	5-Year	10-Year	Since Incept	Incept Date
	-0.90	0.28	1.91	1.29	3.16	3.42	2.91	0.06	3.37	3.70	6/2005
Benchmark: Bloomberg Barclays US Treas TIPS Index	-0.84	0.41	2.04	1.37	3.32	-	3.01	0.13	3.53	-	-

Description: The investment seeks to provide inflation protection and income consistent with investment in inflation-indexed securities. The fund invests at least 80% of its assets in inflation-indexed bonds issued by the U.S. government, its agencies and instrumentalities, and corporations. It may invest in bonds of any maturity; however, its dollar-weighted average maturity is expected to be in the range of 7 to 20 years. At a minimum, all bonds purchased by the fund will be rated investment-grade or, if unrated, will be considered by the advisor to be investment-grade.

Composition (% of Assets) as of 08/31/2018				Fees & Expenses			# of Transfers Allowed/Time Period				
Cash	2.57	U.S. Bonds	97.43	Total Inv Exp Net %			1/30 day period				
				Contractual Cap Expiration Date			N/A				
				Waiver Expiration Date			N/A				
				Total Inv Exp Gross %			0.10				
				Total Inv Exp Gross Per \$1,000 Invested			\$1.00				
				Redemption Fee			-				

Asset Class: Balanced/Asset Allocation

This asset class is generally composed of a combination of fixed income and equity investment options. These investment options may include balanced, asset allocation, target-date, and target-risk investment options. Although typically lower risk than investment options that invest solely in equities, all investment options in this category have the potential to lose value.

Investment Category: **Target-Date Retirement**

Inv Manager or Sub-Advisor: **Multiple Sub-Advisors**

Investment Option Name	Average Annual Total Return										
Principal LifeTime Hybrid Income CIT 12,21,22,23,26,27,28,29,30	(as of 09/30/2018 quarter end)						(as of 12/31/2017 year end)				
	YTD Ret	1-Year	3-Year	5-Year	10-Year	Since Incept	1-Year	5-Year	10-Year	Since Incept	Incept Date
	0.65	2.23	4.50	3.82	-	5.90	7.59	4.16	-	6.36	7/2009
Benchmark: S&P Target Date Retirement Income Index	1.44	3.71	5.35	4.37	5.10	-	8.54	4.86	4.12	-	-
Benchmark: Morningstar Lifetime Moderate Income Index	2.00	4.39	5.77	4.28	5.52	-	8.55	4.70	4.69	-	-

Description: The investment option seeks current income and, as a secondary objective, capital appreciation. To pursue its goal, this Target Date Fund generally invests in affiliated and may invest in nonaffiliated open-ended mutual funds, insurance company separate accounts, and collective trust funds that Principal Trust considers appropriate based on investors who have reached their investment time horizon.

Composition (% of Assets) as of 08/31/2018				Fees & Expenses			# of Transfers Allowed/Time Period				
Cash	-1.31	U.S. Stocks	18.38	Total Inv Exp Net %			0.30				
Non-U.S. Stocks	9.23	Non-U.S. Bonds	7.45	Contractual Cap Expiration Date			N/A				
Convertibles	0.19	Preferred	0.07	Waiver Expiration Date			N/A				
U.S. Bonds	65.59	Other	0.40	Total Inv Exp Gross %			0.30				
				Total Inv Exp Gross Per \$1,000 Invested			\$3.00				
				Redemption Fee			-				

Investment Category: **Target-Date 2000-2010**

Inv Manager or Sub-Advisor: **Multiple Sub-Advisors**

Investment Option Name	Average Annual Total Return										
Principal LifeTime Hybrid 2010 CIT 12,21,22,23,26,27,28,29,30	(as of 09/30/2018 quarter end)						(as of 12/31/2017 year end)				
	YTD Ret	1-Year	3-Year	5-Year	10-Year	Since Incept	1-Year	5-Year	10-Year	Since Incept	Incept Date
	1.39	3.64	6.26	5.15	-	8.42	10.23	6.26	-	9.01	7/2009
Benchmark: S&P Target Date 2010 Index	1.79	4.36	6.38	5.09	5.84	-	9.95	5.94	4.56	-	-
Benchmark: Morningstar Lifetime Moderate 2010 Index	1.74	4.61	6.53	4.98	6.41	-	10.19	5.75	5.14	-	-

Description: The investment option seeks a total return consisting of long-term growth of capital and current income. To pursue its goal, this Target Date Fund generally invests in affiliated open-ended mutual funds, insurance company separate accounts, unaffiliated mutual funds, and unaffiliated collective trust funds that Principal Trust considers appropriate based on the remaining time horizon of a particular Target Date Fund.

Composition (% of Assets) as of 08/31/2018				Fees & Expenses			# of Transfers Allowed/Time Period				
Cash	-1.44	U.S. Stocks	26.15	Total Inv Exp Net %			0.30				
Non-U.S. Stocks	12.96	Non-U.S. Bonds	6.58	Contractual Cap Expiration Date			N/A				
Convertibles	0.17	Preferred	0.06	Waiver Expiration Date			N/A				
U.S. Bonds	55.11	Other	0.42	Total Inv Exp Gross %			0.30				
				Total Inv Exp Gross Per \$1,000 Invested			\$3.00				
				Redemption Fee			-				

Asset Class: Balanced/Asset Allocation

This asset class is generally composed of a combination of fixed income and equity investment options. These investment options may include balanced, asset allocation, target-date, and target-risk investment options. Although typically lower risk than investment options that invest solely in equities, all investment options in this category have the potential to lose value.

Investment Category: **Target-Date 2015**Inv Manager or Sub-Advisor: **Multiple Sub-Advisors**

Investment Option Name	Average Annual Total Return										
Principal LifeTime Hybrid 2015 CIT 12,21,22,23,26,27,28,29,30	(as of 09/30/2018 quarter end)						(as of 12/31/2017 year end)				
	YTD Ret	1-Year	3-Year	5-Year	10-Year	Since Incept	1-Year	5-Year	10-Year	Since Incept	Incept Date
	1.92	4.62	7.36	5.93	-	9.37	11.86	7.34	-	9.99	7/2009
Benchmark: S&P Target Date 2015 Index	2.18	5.09	7.42	5.85	6.53	-	11.39	6.99	4.97	-	-
Benchmark: Morningstar Lifetime Moderate 2015 Index	1.75	4.96	7.16	5.45	6.83	-	11.39	6.46	5.31	9.05	-

Description: The investment option seeks a total return consisting of long-term growth of capital and current income. To pursue its goal, this Target Date Fund generally invests in affiliated open-ended mutual funds, insurance company separate accounts, unaffiliated mutual funds, and unaffiliated collective trust funds that Principal Trust considers appropriate based on the remaining time horizon of a particular Target Date Fund.

Composition (% of Assets) as of 08/31/2018				Fees & Expenses			# of Transfers Allowed/Time Period				
Cash	-0.82	U.S. Stocks	31.78	Total Inv Exp Net %			0.30				
Non-U.S. Stocks	15.59	Non-U.S. Bonds	5.75	Contractual Cap Expiration Date			N/A				
Convertibles	0.15	Preferred	0.06	Waiver Expiration Date			N/A				
U.S. Bonds	47.08	Other	0.42	Total Inv Exp Gross %			0.30				
				Total Inv Exp Gross Per \$1,000 Invested			\$3.00				
				Redemption Fee			-				

Investment Category: **Target-Date 2020**Inv Manager or Sub-Advisor: **Multiple Sub-Advisors**

Investment Option Name	Average Annual Total Return										
Principal LifeTime Hybrid 2020 CIT 12,21,22,23,26,27,28,29,30	(as of 09/30/2018 quarter end)						(as of 12/31/2017 year end)				
	YTD Ret	1-Year	3-Year	5-Year	10-Year	Since Incept	1-Year	5-Year	10-Year	Since Incept	Incept Date
	2.53	5.73	8.58	6.85	-	10.30	13.72	8.39	-	10.93	7/2009
Benchmark: S&P Target Date 2020 Index	2.49	5.78	8.36	6.49	7.09	-	12.80	7.92	5.28	-	-
Benchmark: Morningstar Lifetime Moderate 2020 Index	1.90	5.50	7.97	6.03	7.29	-	12.79	7.34	5.47	-	-

Description: The investment option seeks a total return consisting of long-term growth of capital and current income. To pursue its goal, this Target Date Fund generally invests in affiliated open-ended mutual funds, insurance company separate accounts, unaffiliated mutual funds, and unaffiliated collective trust funds that Principal Trust considers appropriate based on the remaining time horizon of a particular Target Date Fund.

Composition (% of Assets) as of 08/31/2018				Fees & Expenses			# of Transfers Allowed/Time Period				
Cash	0.20	U.S. Stocks	38.07	Total Inv Exp Net %			0.30				
Non-U.S. Stocks	18.47	Non-U.S. Bonds	4.81	Contractual Cap Expiration Date			N/A				
Convertibles	0.14	Preferred	0.05	Waiver Expiration Date			N/A				
U.S. Bonds	37.84	Other	0.42	Total Inv Exp Gross %			0.30				
				Total Inv Exp Gross Per \$1,000 Invested			\$3.00				
				Redemption Fee			-				

Asset Class: Balanced/Asset Allocation

This asset class is generally composed of a combination of fixed income and equity investment options. These investment options may include balanced, asset allocation, target-date, and target-risk investment options. Although typically lower risk than investment options that invest solely in equities, all investment options in this category have the potential to lose value.

Investment Category: **Target-Date 2025**Inv Manager or Sub-Advisor: **Multiple Sub-Advisors**

Investment Option Name	Average Annual Total Return										
Principal LifeTime Hybrid 2025 CIT 12,21,22,23,26,27,28,29,30	(as of 09/30/2018 quarter end)						(as of 12/31/2017 year end)				
	YTD Ret	1-Year	3-Year	5-Year	10-Year	Since Incept	1-Year	5-Year	10-Year	Since Incept	Incept Date
	3.02	6.67	9.62	7.57	-	11.01	15.35	9.21	-	11.64	7/2009
Benchmark: S&P Target Date 2025 Index	3.02	6.86	9.45	7.13	7.59	-	14.55	8.76	5.53	-	-
Benchmark: Morningstar Lifetime Moderate 2025 Index	2.27	6.34	9.08	6.76	7.82	-	14.54	8.44	5.68	11.01	-

Description: The investment option seeks a total return consisting of long-term growth of capital and current income. To pursue its goal, this Target Date Fund generally invests in affiliated open-ended mutual funds, insurance company separate accounts, unaffiliated mutual funds, and unaffiliated collective trust funds that Principal Trust considers appropriate based on the remaining time horizon of a particular Target Date Fund.

Composition (% of Assets) as of 08/31/2018				Fees & Expenses			# of Transfers Allowed/Time Period				
Cash	0.97	U.S. Stocks	43.28	Total Inv Exp Net %			0.30				
Non-U.S. Stocks	20.99	Non-U.S. Bonds	3.97	Contractual Cap Expiration Date			N/A				
Convertibles	0.12	Preferred	0.04	Waiver Expiration Date			N/A				
U.S. Bonds	30.21	Other	0.42	Total Inv Exp Gross %			0.30				
				Total Inv Exp Gross Per \$1,000 Invested			\$3.00				
				Redemption Fee			-				

Investment Category: **Target-Date 2030**Inv Manager or Sub-Advisor: **Multiple Sub-Advisors**

Investment Option Name	Average Annual Total Return										
Principal LifeTime Hybrid 2030 CIT 12,21,22,23,26,27,28,29,30	(as of 09/30/2018 quarter end)						(as of 12/31/2017 year end)				
	YTD Ret	1-Year	3-Year	5-Year	10-Year	Since Incept	1-Year	5-Year	10-Year	Since Incept	Incept Date
	3.41	7.47	10.54	8.20	-	11.62	16.90	10.08	-	12.27	7/2009
Benchmark: S&P Target Date 2030 Index	3.60	7.99	10.47	7.78	8.02	-	16.19	9.57	5.72	-	-
Benchmark: Morningstar Lifetime Moderate 2030 Index	2.86	7.49	10.44	7.56	8.38	-	16.59	9.56	5.95	-	-

Description: The investment option seeks a total return consisting of long-term growth of capital and current income. To pursue its goal, this Target Date Fund generally invests in affiliated open-ended mutual funds, insurance company separate accounts, unaffiliated mutual funds, and unaffiliated collective trust funds that Principal Trust considers appropriate based on the remaining time horizon of a particular Target Date Fund.

Composition (% of Assets) as of 08/31/2018				Fees & Expenses			# of Transfers Allowed/Time Period				
Cash	1.51	U.S. Stocks	47.94	Total Inv Exp Net %			0.30				
Non-U.S. Stocks	23.15	Non-U.S. Bonds	3.17	Contractual Cap Expiration Date			N/A				
Convertibles	0.10	Preferred	0.03	Waiver Expiration Date			N/A				
U.S. Bonds	23.69	Other	0.41	Total Inv Exp Gross %			0.30				
				Total Inv Exp Gross Per \$1,000 Invested			\$3.00				
				Redemption Fee			-				

Asset Class: Balanced/Asset Allocation

This asset class is generally composed of a combination of fixed income and equity investment options. These investment options may include balanced, asset allocation, target-date, and target-risk investment options. Although typically lower risk than investment options that invest solely in equities, all investment options in this category have the potential to lose value.

Investment Category: **Target-Date 2035**Inv Manager or Sub-Advisor: **Multiple Sub-Advisors**

Investment Option Name	Average Annual Total Return										
Principal LifeTime Hybrid 2035 CIT 12,21,22,23,26,27,28,29,30	(as of 09/30/2018 quarter end)						(as of 12/31/2017 year end)				
	YTD Ret	1-Year	3-Year	5-Year	10-Year	Since Incept	1-Year	5-Year	10-Year	Since Incept	Incept Date
	3.93	8.26	11.37	8.78	-	12.15	18.14	10.67	-	12.77	7/2009
Benchmark: S&P Target Date 2035 Index	4.10	8.99	11.44	8.39	8.39	-	17.78	10.29	5.90	-	-
Benchmark: Morningstar Lifetime Moderate 2035 Index	3.48	8.65	11.72	8.22	8.83	-	18.52	10.41	6.22	12.57	-

Description: The investment option seeks a total return consisting of long-term growth of capital and current income. To pursue its goal, this Target Date Fund generally invests in affiliated open-ended mutual funds, insurance company separate accounts, unaffiliated mutual funds, and unaffiliated collective trust funds that Principal Trust considers appropriate based on the remaining time horizon of a particular Target Date Fund.

Composition (% of Assets) as of 08/31/2018				Fees & Expenses			# of Transfers Allowed/Time Period				
Cash	2.96	U.S. Stocks	52.76	Total Inv Exp Net %			0.30				
Non-U.S. Stocks	23.97	Non-U.S. Bonds	1.63	Contractual Cap Expiration Date			N/A				
Convertibles	0.01	U.S. Bonds	18.49	Waiver Expiration Date			N/A				
Other	0.18			Total Inv Exp Gross %			0.30				
				Total Inv Exp Gross Per \$1,000 Invested			\$3.00				
				Redemption Fee			-				

Investment Category: **Target-Date 2040**Inv Manager or Sub-Advisor: **Multiple Sub-Advisors**

Investment Option Name	Average Annual Total Return										
Principal LifeTime Hybrid 2040 CIT 12,21,22,23,26,27,28,29,30	(as of 09/30/2018 quarter end)						(as of 12/31/2017 year end)				
	YTD Ret	1-Year	3-Year	5-Year	10-Year	Since Incept	1-Year	5-Year	10-Year	Since Incept	Incept Date
	4.26	8.90	12.06	9.23	-	12.57	19.19	11.26	-	13.19	7/2009
Benchmark: S&P Target Date 2040 Index	4.42	9.68	12.11	8.79	8.67	-	18.87	10.78	6.03	-	-
Benchmark: Morningstar Lifetime Moderate 2040 Index	3.87	9.42	12.57	8.60	9.07	-	19.87	10.84	6.36	-	-

Description: The investment option seeks a total return consisting of long-term growth of capital and current income. To pursue its goal, this Target Date Fund generally invests in affiliated open-ended mutual funds, insurance company separate accounts, unaffiliated mutual funds, and unaffiliated collective trust funds that Principal Trust considers appropriate based on the remaining time horizon of a particular Target Date Fund.

Composition (% of Assets) as of 08/31/2018				Fees & Expenses			# of Transfers Allowed/Time Period				
Cash	3.03	U.S. Stocks	55.99	Total Inv Exp Net %			0.30				
Non-U.S. Stocks	25.55	Non-U.S. Bonds	1.25	Contractual Cap Expiration Date			N/A				
Convertibles	0.01	U.S. Bonds	14.00	Waiver Expiration Date			N/A				
Other	0.18			Total Inv Exp Gross %			0.30				
				Total Inv Exp Gross Per \$1,000 Invested			\$3.00				
				Redemption Fee			-				

Asset Class: Balanced/Asset Allocation

This asset class is generally composed of a combination of fixed income and equity investment options. These investment options may include balanced, asset allocation, target-date, and target-risk investment options. Although typically lower risk than investment options that invest solely in equities, all investment options in this category have the potential to lose value.

Investment Category: **Target-Date 2045**Inv Manager or Sub-Advisor: **Multiple Sub-Advisors**

Investment Option Name	Average Annual Total Return										
Principal LifeTime Hybrid 2045 CIT 12,21,22,23,26,27,28,29,30	(as of 09/30/2018 quarter end)						(as of 12/31/2017 year end)				
	YTD Ret	1-Year	3-Year	5-Year	10-Year	Since Incept	1-Year	5-Year	10-Year	Since Incept	Incept Date
	4.55	9.46	12.60	9.54	-	12.95	20.02	11.59	-	13.57	7/2009
Benchmark: S&P Target Date 2045 Index	4.54	9.98	12.54	9.05	8.79	-	19.56	11.15	6.06	-	-
Benchmark: Morningstar Lifetime Moderate 2045 Index	3.97	9.69	12.92	8.69	9.12	-	20.53	10.91	6.36	12.88	-

Description: The investment option seeks a total return consisting of long-term growth of capital and current income. To pursue its goal, this Target Date Fund generally invests in affiliated open-ended mutual funds, insurance company separate accounts, unaffiliated mutual funds, and unaffiliated collective trust funds that Principal Trust considers appropriate based on the remaining time horizon of a particular Target Date Fund.

Composition (% of Assets) as of 08/31/2018				Fees & Expenses			# of Transfers Allowed/Time Period				
Cash	3.07	U.S. Stocks	58.61	Total Inv Exp Net %			0.30				
Non-U.S. Stocks	26.76	Non-U.S. Bonds	0.92	Contractual Cap Expiration Date			N/A				
Convertibles	0.01	U.S. Bonds	10.45	Waiver Expiration Date			N/A				
Other	0.18			Total Inv Exp Gross %			0.30				
				Total Inv Exp Gross Per \$1,000 Invested			\$3.00				
				Redemption Fee			-				

Investment Category: **Target-Date 2050**Inv Manager or Sub-Advisor: **Multiple Sub-Advisors**

Investment Option Name	Average Annual Total Return										
Principal LifeTime Hybrid 2050 CIT 12,21,22,23,26,27,28,29,30	(as of 09/30/2018 quarter end)						(as of 12/31/2017 year end)				
	YTD Ret	1-Year	3-Year	5-Year	10-Year	Since Incept	1-Year	5-Year	10-Year	Since Incept	Incept Date
	4.84	9.89	13.08	9.83	-	13.03	20.69	11.92	-	13.63	7/2009
Benchmark: S&P Target Date 2050 Index	4.67	10.26	12.92	9.29	8.96	-	20.18	11.48	6.22	-	-
Benchmark: Morningstar Lifetime Moderate 2050 Index	3.86	9.62	12.97	8.62	9.08	-	20.78	10.83	6.30	-	-

Description: The investment option seeks a total return consisting of long-term growth of capital and current income. To pursue its goal, this Target Date Fund generally invests in affiliated open-ended mutual funds, insurance company separate accounts, unaffiliated mutual funds, and unaffiliated collective trust funds that Principal Trust considers appropriate based on the remaining time horizon of a particular Target Date Fund.

Composition (% of Assets) as of 08/31/2018				Fees & Expenses			# of Transfers Allowed/Time Period				
Cash	3.12	U.S. Stocks	60.85	Total Inv Exp Net %			0.30				
Non-U.S. Stocks	27.60	Non-U.S. Bonds	0.68	Contractual Cap Expiration Date			N/A				
Convertibles	0.01	U.S. Bonds	7.55	Waiver Expiration Date			N/A				
Other	0.19			Total Inv Exp Gross %			0.30				
				Total Inv Exp Gross Per \$1,000 Invested			\$3.00				
				Redemption Fee			-				

Asset Class: Balanced/Asset Allocation

This asset class is generally composed of a combination of fixed income and equity investment options. These investment options may include balanced, asset allocation, target-date, and target-risk investment options. Although typically lower risk than investment options that invest solely in equities, all investment options in this category have the potential to lose value.

Investment Category: **Target-Date 2055**

Inv Manager or Sub-Advisor: **Multiple Sub-Advisors**

Investment Option Name	Average Annual Total Return										
Principal LifeTime Hybrid 2055 CIT 12,21,22,23,26,27,28,29,30	(as of 09/30/2018 quarter end)						(as of 12/31/2017 year end)				
	YTD Ret	1-Year	3-Year	5-Year	10-Year	Since Incept	1-Year	5-Year	10-Year	Since Incept	Incept Date
	4.94	10.13	13.33	9.97	-	13.20	21.06	12.04	-	13.80	7/2009
Benchmark: S&P Target Date 2055 Index	4.69	10.32	13.13	9.42	9.10	-	20.48	11.70	6.35	-	-
Benchmark: Morningstar Lifetime Moderate 2055 Index	3.71	9.48	12.95	8.51	9.00	-	20.95	10.71	6.23	12.73	-

Description: The investment option seeks a total return consisting of long-term growth of capital and current income. To pursue its goal, this Target Date Fund generally invests in affiliated open-ended mutual funds, insurance company separate accounts, unaffiliated mutual funds, and unaffiliated collective trust funds that Principal Trust considers appropriate based on the remaining time horizon of a particular Target Date Fund.

Composition (% of Assets) as of 08/31/2018				Fees & Expenses			# of Transfers Allowed/Time Period				
Cash	3.16	U.S. Stocks	61.90	Total Inv Exp Net %			0.30				
Non-U.S. Stocks	28.28	Non-U.S. Bonds	0.55	Contractual Cap Expiration Date			N/A				
U.S. Bonds	5.91	Other	0.19	Waiver Expiration Date			N/A				
				Total Inv Exp Gross %			0.30				
				Total Inv Exp Gross Per \$1,000 Invested			\$3.00				
				Redemption Fee			-				

Investment Category: **Target-Date 2060+**

Inv Manager or Sub-Advisor: **Multiple Sub-Advisors**

Investment Option Name	Average Annual Total Return										
Principal LifeTime Hybrid 2060 CIT 12,13,21,22,23,26,27,28,29,30	(as of 09/30/2018 quarter end)						(as of 12/31/2017 year end)				
	YTD Ret	1-Year	3-Year	5-Year	10-Year	Since Incept	1-Year	5-Year	10-Year	Since Incept	Incept Date
	4.95	10.18	13.40	-	-	8.99	21.32	-	-	9.43	1/2014
Benchmark: S&P Target Date 2060+ Index	4.86	10.60	13.34	9.50	-	-	20.75	11.75	-	-	-
Benchmark: Morningstar Lifetime Moderate 2060 Index	3.54	9.30	12.89	8.40	9.02	-	21.06	10.60	6.22	8.12	-

Description: The investment option seeks a total return consisting of long-term growth of capital and current income consistent with the investment strategy of an investor who expects to retire in the year identified in each respective CIT's name. To pursue its goal, this Target Date CIT generally invests in other open-ended mutual funds, insurance company separate accounts and collective trust funds that PGI Trust Company considers appropriate based on the remaining time horizon of a particular CIT and the expected risk tolerance of those investors associated with that time horizon. Over time, Principal Global Investors Trust Company intends to gradually shift the asset allocation targets of each CIT (other than the Principal LifeTime Hybrid Income CIT) to accommodate investors progressing from asset accumulation years to income generation years. It is expected that within 15 years after its target year, a CIT's underlying fund allocation will match that of the Principal LifeTime Hybrid Income CIT.

Composition (% of Assets) as of 08/31/2018				Fees & Expenses			# of Transfers Allowed/Time Period				
Cash	3.17	U.S. Stocks	62.54	Total Inv Exp Net %			0.30				
Non-U.S. Stocks	28.52	Non-U.S. Bonds	0.49	Contractual Cap Expiration Date			N/A				
U.S. Bonds	5.08	Other	0.19	Waiver Expiration Date			N/A				
				Total Inv Exp Gross %			0.30				
				Total Inv Exp Gross Per \$1,000 Invested			\$3.00				
				Redemption Fee			-				

Asset Class: Balanced/Asset Allocation

This asset class is generally composed of a combination of fixed income and equity investment options. These investment options may include balanced, asset allocation, target-date, and target-risk investment options. Although typically lower risk than investment options that invest solely in equities, all investment options in this category have the potential to lose value.

Investment Category: **Target-Date 2060+**

Inv Manager or Sub-Advisor: **Multiple Sub-Advisors**

Investment Option Name	Average Annual Total Return										
Principal LifeTime Hybrid 2065 CIT 12,13,21,22,23,26,27,28,29,30	(as of 09/30/2018 quarter end)						(as of 12/31/2017 year end)				
	YTD Ret	1-Year	3-Year	5-Year	10-Year	Since Incept	1-Year	5-Year	10-Year	Since Incept	Incept Date
	-	-	-	-	-	3.90	-	-	-	-	1/2018
Benchmark: S&P Target Date 2060+ Index	4.86	10.60	13.34	9.50	-	-	20.75	11.75	-	-	-
Benchmark: Morningstar Lifetime Moderate 2060 Index	3.54	9.30	12.89	8.40	9.02	-	21.06	10.60	6.22	-	-

Description: The investment option seeks a total return consisting of long-term growth of capital and current income consistent with the investment strategy of an investor who expects to retire in the year identified in each respective CIT's name. To pursue its goal, this Target Date CIT generally invests in other open-ended mutual funds, insurance company separate accounts and collective trust funds that PGI Trust Company considers appropriate based on the remaining time horizon of a particular CIT and the expected risk tolerance of those investors associated with that time horizon. Over time, Principal Global Investors Trust Company intends to gradually shift the asset allocation targets of each CIT (other than the Principal LifeTime Hybrid Income CIT) to accommodate investors progressing from asset accumulation years to income generation years. It is expected that within 15 years after its target year, a CIT's underlying fund allocation will match that of the Principal LifeTime Hybrid Income CIT.

Composition (% of Assets) as of 08/31/2018				Fees & Expenses		# of Transfers Allowed/Time Period	
Cash	3.16	U.S. Stocks	61.80	Total Inv Exp Net %		0.30	
Non-U.S. Stocks	28.77	Non-U.S. Bonds	0.52	Contractual Cap Expiration Date		N/A	
U.S. Bonds	5.55	Other	0.19	Waiver Expiration Date		N/A	
				Total Inv Exp Gross %		0.30	
				Total Inv Exp Gross Per \$1,000 Invested		\$3.00	
				Redemption Fee		-	

Asset Class: **Large U.S. Equity**

This asset class is generally composed of investment options that invest in stocks, or shares of ownership in large, well-established, U.S. companies. These investment options typically carry more risk than fixed income investment options but have the potential for higher returns over longer time periods. They may be an appropriate choice for long-term investors who are seeking the potential for growth. All investment options in this category have the potential to lose value.

Investment Category: **Large Value**Inv Manager or Sub-Advisor: **Vanguard Group**

Investment Option Name	Average Annual Total Return										
Vanguard Value Index Admiral Fund ^{2,F}	(as of 09/30/2018 quarter end)						(as of 12/31/2017 year end)				
	YTD Ret	1-Year	3-Year	5-Year	10-Year	Since Incept	1-Year	5-Year	10-Year	Since Incept	Incept Date
	6.17	13.57	15.85	12.43	10.67	6.73	17.13	15.37	7.65	6.66	11/2000
Benchmark: Russell 1000 Value Index	3.92	9.45	13.55	10.72	9.79	-	13.66	14.04	7.10	-	-

Description: The investment seeks to track the performance of a benchmark index that measures the investment return of large-capitalization value stocks. The fund employs an indexing investment approach designed to track the performance of the CRSP US Large Cap Value Index, a broadly diversified index predominantly made up of value stocks of large U.S. companies. The advisor attempts to replicate the target 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.

Composition (% of Assets) as of 08/31/2018				Fees & Expenses		# of Transfers Allowed/Time Period	
Cash	0.07	U.S. Stocks	99.20	Total Inv Exp Net %	0.05	1/30 day period	
Non-U.S. Stocks	0.73			Contractual Cap Expiration Date	N/A		
				Waiver Expiration Date	N/A		
				Total Inv Exp Gross %	0.05		
				Total Inv Exp Gross Per \$1,000 Invested	\$0.50		
				Redemption Fee	-		

Investment Category: **Large Blend**Inv Manager or Sub-Advisor: **Capital Research and Mgmt Co**

Investment Option Name	Average Annual Total Return										
American Funds Fundamental Investors R6 Fund ^{24,G}	(as of 09/30/2018 quarter end)						(as of 12/31/2017 year end)				
	YTD Ret	1-Year	3-Year	5-Year	10-Year	Since Incept	1-Year	5-Year	10-Year	Since Incept	Incept Date
	6.93	14.11	17.34	13.24	11.71	15.33	23.72	15.86	8.33	15.85	5/2009
Benchmark: Russell 1000 Index	10.49	17.76	17.07	13.67	12.09	-	21.69	15.71	8.59	-	-

Description: The investment seeks long-term growth of capital and income. The fund invests primarily in common stocks of companies that appear to offer superior opportunities for capital growth and most of which have a history of paying dividends. It may invest significantly in securities of issuers domiciled outside the United States. The investment adviser uses a system of multiple portfolio managers in managing the fund's assets.

Composition (% of Assets) as of 06/30/2018				Fees & Expenses			# of Transfers Allowed/Time Period				
Cash	5.57	U.S. Stocks	72.51	Total Inv Exp Net %			1/30 day period				
Non-U.S. Stocks	21.46	U.S. Bonds	0.46	Contractual Cap Expiration Date			N/A				
				Waiver Expiration Date			N/A				
				Total Inv Exp Gross %			0.30				
				Total Inv Exp Gross Per \$1,000 Invested			\$3.00				
				Redemption Fee			-				

Asset Class: **Large U.S. Equity**

This asset class is generally composed of investment options that invest in stocks, or shares of ownership in large, well-established, U.S. companies. These investment options typically carry more risk than fixed income investment options but have the potential for higher returns over longer time periods. They may be an appropriate choice for long-term investors who are seeking the potential for growth. All investment options in this category have the potential to lose value.

Investment Category: **Large Blend**Inv Manager or Sub-Advisor: **Principal Global Investors**

Investment Option Name	Average Annual Total Return										
	(as of 09/30/2018 quarter end)						(as of 12/31/2017 year end)				Incept Date
	YTD Ret	1-Year	3-Year	5-Year	10-Year	Since Incept	1-Year	5-Year	10-Year	Since Incept	
LargeCap S&P 500 Index Separate Account A,2,7,25,31,F	10.52	17.83	17.24	13.86	11.89	9.83	21.73	15.69	8.44	9.71	1/1990
Benchmark: Standard & Poor's 500 Index	10.56	17.91	17.31	13.95	11.97	-	21.83	15.79	8.50	-	-

Description: The investment option normally invests the majority of assets in common stocks of companies that compose the S&P 500 Index. Management attempts to mirror the investment performance of the index by allocating assets in approximately the same weightings as the S&P 500 Index. Over the long-term, management seeks a very close correlation between the performance of the Separate Account before expenses and that of the S&P 500 Index.

Composition (% of Assets) as of 08/31/2018				Fees & Expenses		# of Transfers Allowed/Time Period
Cash	3.82	U.S. Stocks	95.75	Total Inv Exp Net %	0.05	1/30 day period
Non-U.S. Stocks	0.43			Contractual Cap Expiration Date	N/A	
				Waiver Expiration Date	N/A	
				Total Inv Exp Gross %	0.05	
				Total Inv Exp Gross Per \$1,000 Invested	\$0.50	
				Redemption Fee	-	

Investment Category: **Large Growth**Inv Manager or Sub-Advisor: **Vanguard Group**

Investment Option Name	Average Annual Total Return										
	(as of 09/30/2018 quarter end)						(as of 12/31/2017 year end)				Incept Date
	YTD Ret	1-Year	3-Year	5-Year	10-Year	Since Incept	1-Year	5-Year	10-Year	Since Incept	
Vanguard Growth Index Admiral Fund F	15.48	22.67	18.60	15.20	13.45	6.50	27.80	16.08	9.51	5.90	11/2000
Benchmark: Russell 1000 Growth Index	17.09	26.30	20.55	16.58	14.31	-	30.21	17.33	10.00	-	-

Description: The investment seeks to track the performance of a benchmark index that measures the investment return of large-capitalization growth stocks. The fund employs an indexing investment approach designed to track the performance of the CRSP US Large Cap Growth Index, a broadly diversified index predominantly made up of growth stocks of large U.S. companies. The advisor attempts to replicate the target 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.

Composition (% of Assets) as of 08/31/2018				Fees & Expenses		# of Transfers Allowed/Time Period	
Cash	0.39	U.S. Stocks	99.44	Total Inv Exp Net %	0.05	1/30 day period	
Non-U.S. Stocks	0.17			Contractual Cap Expiration Date	N/A		
				Waiver Expiration Date	N/A		
				Total Inv Exp Gross %	0.05		
				Total Inv Exp Gross Per \$1,000 Invested	\$0.50		
				Redemption Fee	-		

Asset Class: Small/Mid U.S. Equity

This asset class is generally composed of investment options that invest in stocks, or shares of ownership in small- to medium-sized U.S. companies. These investment options typically carry more risk than larger U.S. equity investment options but have the potential for higher returns. They may be an appropriate choice for long-term investors who are seeking the potential for growth. All investment options in this category have the potential to lose value.

Investment Category: **Mid Cap Value**Inv Manager or Sub-Advisor: **Wells Fargo Fund Management**

Investment Option Name	Average Annual Total Return										
Wells Fargo Special Mid Cap Value R6 Fund 1,24,G	(as of 09/30/2018 quarter end)						(as of 12/31/2017 year end)				
	YTD Ret	1-Year	3-Year	5-Year	10-Year	Since Incept	1-Year	5-Year	10-Year	Since Incept	Incept Date
	0.83	4.95	11.78	10.44	11.85	11.46	11.27	15.51	10.56	13.28	6/2013
Benchmark: Russell Midcap Value Index	3.13	8.81	13.09	10.72	11.29	-	13.34	14.68	9.10	-	-

Description: The investment seeks long-term capital appreciation. The fund normally invests at least 80% of its net assets in equity securities of medium-capitalization companies. It invests principally in equity securities of medium-capitalization companies, which the manager defines as securities of companies with market capitalizations within the range of the Russell Midcap(R) Index at the time of purchase.

Composition (% of Assets) as of 08/31/2018				Fees & Expenses			# of Transfers Allowed/Time Period				
Cash	2.52	U.S. Stocks	97.48	Total Inv Exp Net %			1/30 day period				
				Contractual Cap Expiration Date			N/A				
				Waiver Expiration Date			N/A				
				Total Inv Exp Gross %			0.75				
				Total Inv Exp Gross Per \$1,000 Invested			\$7.50				
				Redemption Fee			-				

Investment Category: **Mid Cap Blend**Inv Manager or Sub-Advisor: **Principal Global Investors**

Investment Option Name	Average Annual Total Return										
MidCap S&P 400 Index Separate Account A,1,2,9,25,31,F	(as of 09/30/2018 quarter end)						(as of 12/31/2017 year end)				
	YTD Ret	1-Year	3-Year	5-Year	10-Year	Since Incept	1-Year	5-Year	10-Year	Since Incept	Incept Date
	7.42	14.11	15.58	11.81	12.37	10.24	16.15	14.90	9.87	10.25	8/1999
Benchmark: Standard & Poor's 400 MidCap Stock Index	7.49	14.21	15.68	11.91	12.49	-	16.24	15.01	9.97	-	-

Description: The investment option normally invests the majority of assets in common stocks of companies that compose the S&P MidCap 400 Index. Management attempts to mirror the investment performance of the index by allocating assets in approximately the same weightings as the S&P MidCap 400 Index. Over the long-term, management seeks a very close correlation between the performance of the Separate Account before expenses and that of the S&P MidCap 400 Index.

Composition (% of Assets) as of 08/31/2018				Fees & Expenses			# of Transfers Allowed/Time Period				
Cash	3.95	U.S. Stocks	95.90	Total Inv Exp Net %			1/30 day period				
Non-U.S. Stocks	0.16			Contractual Cap Expiration Date			N/A				
				Waiver Expiration Date			N/A				
				Total Inv Exp Gross %			0.05				
				Total Inv Exp Gross Per \$1,000 Invested			\$0.50				
				Redemption Fee			-				

Asset Class: Small/Mid U.S. Equity

This asset class is generally composed of investment options that invest in stocks, or shares of ownership in small- to medium-sized U.S. companies. These investment options typically carry more risk than larger U.S. equity investment options but have the potential for higher returns. They may be an appropriate choice for long-term investors who are seeking the potential for growth. All investment options in this category have the potential to lose value.

Investment Category: **Mid Cap Growth**

Inv Manager or Sub-Advisor: **Carillon Tower Advisors**

Investment Option Name	Average Annual Total Return										
Carillon Eagle Mid Cap Growth R6 Fund 1,24	(as of 09/30/2018 quarter end)						(as of 12/31/2017 year end)				
	YTD Ret	1-Year	3-Year	5-Year	10-Year	Since Incept	1-Year	5-Year	10-Year	Since Incept	Incept Date
	16.96	25.12	19.68	15.37	13.85	16.23	30.44	16.90	9.91	15.43	8/2011
Benchmark: Russell Midcap Growth Index	13.38	21.10	16.65	13.00	13.46	-	25.27	15.30	9.10	-	-

Description: The investment seeks long-term capital appreciation. The fund normally invests at least 80% of its net assets (plus the amount of any borrowings for investment purposes) in the equity securities of mid-capitalization companies. The fund will invest primarily in the equity securities of companies that the portfolio managers believe have the potential for above-average earnings or sales growth, reasonable valuations and acceptable debt levels.

Composition (% of Assets) as of 06/30/2018				Fees & Expenses		# of Transfers Allowed/Time Period
Cash	3.66	U.S. Stocks	93.97	Total Inv Exp Net %	0.69	-
Non-U.S. Stocks	2.37			Contractual Cap Expiration Date	N/A	
				Waiver Expiration Date	N/A	
				Total Inv Exp Gross %	0.69	
				Total Inv Exp Gross Per \$1,000 Invested	\$6.90	
				Redemption Fee	-	

Investment Category: **Small Value**

Inv Manager or Sub-Advisor: **American Beacon**

Investment Option Name	Average Annual Total Return										
American Beacon Small Cap Value R6 Fund 1,24,F	(as of 09/30/2018 quarter end)						(as of 12/31/2017 year end)				
	YTD Ret	1-Year	3-Year	5-Year	10-Year	Since Incept	1-Year	5-Year	10-Year	Since Incept	Incept Date
	6.60	10.00	14.44	9.97	11.26	8.76	8.71	13.92	9.57	7.16	2/2017
Benchmark: Russell 2000 Value Index	7.14	9.33	16.12	9.91	9.52	-	7.84	13.01	8.17	-	-

Description: The investment seeks long-term capital appreciation and current income. Under normal circumstances, at least 80% of the fund's net assets (plus the amount of any borrowings for investment purposes) are invested in equity securities of small market capitalization U.S. companies. These companies have market capitalizations of \$5 billion or less at the time of investment. The fund's investments may include common stocks, real estate investment trusts ("REITs"), American Depositary Receipts ("ADRs") and U.S. dollar-denominated foreign stocks traded on U.S. exchanges (collectively, "stocks").

Composition (% of Assets) as of 07/31/2018				Fees & Expenses		# of Transfers Allowed/Time Period
Cash	3.40	U.S. Stocks	93.40	Total Inv Exp Net %	0.81	1/90 day period
Non-U.S. Stocks	3.20			Contractual Cap Expiration Date	N/A	
				Waiver Expiration Date	N/A	
				Total Inv Exp Gross %	0.81	
				Total Inv Exp Gross Per \$1,000 Invested	\$8.10	
				Redemption Fee	-	

Asset Class: Small/Mid U.S. Equity

This asset class is generally composed of investment options that invest in stocks, or shares of ownership in small- to medium-sized U.S. companies. These investment options typically carry more risk than larger U.S. equity investment options but have the potential for higher returns. They may be an appropriate choice for long-term investors who are seeking the potential for growth. All investment options in this category have the potential to lose value.

Investment Category: **Small Blend**Inv Manager or Sub-Advisor: **Principal Global Investors**

Investment Option Name	Average Annual Total Return										
SmallCap S&P 600 Index Separate Account A,1,2,8,25,31,F	(as of 09/30/2018 quarter end)						(as of 12/31/2017 year end)				
	YTD Ret	1-Year	3-Year	5-Year	10-Year	Since Incept	1-Year	5-Year	10-Year	Since Incept	Incept Date
	14.38	18.86	19.32	13.24	12.78	10.92	13.27	15.91	10.39	10.57	8/1999
Benchmark: Standard & Poor's 600 Stock Index	14.54	19.08	19.41	13.32	12.86	-	13.23	15.99	10.43	-	-

Description: The investment seeks long-term growth of capital and normally invests the majority of assets in common stocks of companies that compose the S&P SmallCap 600 Index. Management attempts to mirror the investment performance of the index by allocating assets in approximately the same weightings as the S&P 600 Index. Over the long-term, management seeks a very close correlation between the performance of the Separate Account before expenses and that of the S&P 600 Index.

Composition (% of Assets) as of 08/31/2018				Fees & Expenses			# of Transfers Allowed/Time Period		
Cash	3.97	U.S. Stocks	95.06	Total Inv Exp Net %			1/30 day period		
Non-U.S. Stocks	0.97	Other	0.01	Contractual Cap Expiration Date			N/A		
				Waiver Expiration Date			N/A		
				Total Inv Exp Gross %			0.05		
				Total Inv Exp Gross Per \$1,000 Invested			\$0.50		
				Redemption Fee			-		

Investment Category: **Small Growth**Inv Manager or Sub-Advisor: **Janus Henderson**

Investment Option Name	Average Annual Total Return										
Janus Henderson Triton N Fund 1,24	(as of 09/30/2018 quarter end)						(as of 12/31/2017 year end)				
	YTD Ret	1-Year	3-Year	5-Year	10-Year	Since Incept	1-Year	5-Year	10-Year	Since Incept	Incept Date
	18.19	24.85	20.91	15.12	16.38	17.58	27.24	16.46	11.65	16.61	5/2012
Benchmark: Russell 2000 Growth Index	15.76	21.06	17.98	12.14	12.65	-	22.17	15.21	9.19	-	-

Description: The investment seeks long-term growth of capital. The fund pursues its investment objective by investing primarily in common stocks selected for their growth potential. In pursuing that objective, it invests in equity securities of small- and medium-sized companies. Generally, small- and medium-sized companies have a market capitalization of less than \$10 billion. Market capitalization is a commonly used measure of the size and value of a company. The fund may also invest in foreign securities, which may include investments in emerging markets.

Composition (% of Assets) as of 06/30/2018				Fees & Expenses			# of Transfers Allowed/Time Period		
Cash	5.44	U.S. Stocks	92.48	Total Inv Exp Net %			-		
Non-U.S. Stocks	1.24	Other	0.84	Contractual Cap Expiration Date			N/A		
				Waiver Expiration Date			N/A		
				Total Inv Exp Gross %			0.67		
				Total Inv Exp Gross Per \$1,000 Invested			\$6.70		
				Redemption Fee			-		

Asset Class: Small/Mid U.S. Equity

This asset class is generally composed of investment options that invest in stocks, or shares of ownership in small- to medium-sized U.S. companies. These investment options typically carry more risk than larger U.S. equity investment options but have the potential for higher returns. They may be an appropriate choice for long-term investors who are seeking the potential for growth. All investment options in this category have the potential to lose value.

Investment Category: **Real Estate**Inv Manager or Sub-Advisor: **Principal Real Estate Inv**

Investment Option Name	Average Annual Total Return										
	(as of 09/30/2018 quarter end)						(as of 12/31/2017 year end)				
	YTD Ret	1-Year	3-Year	5-Year	10-Year	Since Incept	1-Year	5-Year	10-Year	Since Incept	Incept Date
Real Estate Securities Sep Acct A,3,6,10,31,F	2.55	6.29	8.32	10.40	8.83	11.32	9.20	10.75	8.76	11.68	12/2002
Benchmark: MSCI US REIT Index	2.30	3.74	7.72	9.16	7.50	-	5.07	9.34	7.44	-	-

Description: The investment seeks to generate a total return. Under normal circumstances, the fund invests at least 80% of its net assets, plus any borrowings for investment purposes, in equity securities of companies principally engaged in the real estate industry at the time of purchase. It invests in value equity securities, an investment strategy that emphasizes buying securities that appear to be undervalued. The fund concentrates its investments (invest more than 25% of its net assets) in securities in the real estate industry. It is non-diversified.

Composition (% of Assets) as of 08/31/2018				Fees & Expenses			# of Transfers Allowed/Time Period		
Cash	2.04	U.S. Stocks	96.24	Total Inv Exp Net %			1/30 day period		
				Contractual Cap Expiration Date			02/28/2019		
Non-U.S. Stocks	1.72			Waiver Expiration Date			02/28/2019		
				Total Inv Exp Gross %			0.72		
				Total Inv Exp Gross Per \$1,000 Invested			\$7.20		
				Redemption Fee			-		

Asset Class: International Equity

This asset class is composed of investment options that invest in stocks, or shares of ownership in companies with their principal place of business or office outside the United States. These investment options often carry more risk than U.S. equity investment options but may have the potential for higher returns. They may be an appropriate choice for long-term investors who are seeking the potential for growth. All investment options in this category have the potential to lose value.

Investment Category: **Diversified Emerging Markets**Inv Manager or Sub-Advisor: **Capital Research and Mgmt Co**

Investment Option Name	Average Annual Total Return										
	(as of 09/30/2018 quarter end)						(as of 12/31/2017 year end)				
	YTD Ret	1-Year	3-Year	5-Year	10-Year	Since Incept	1-Year	5-Year	10-Year	Since Incept	Incept Date
American Funds New World R6 Fund 4,24,G	-4.22	1.15	11.53	4.79	6.23	9.26	33.06	6.95	3.41	10.65	5/2009
Benchmark: MSCI Emerging Markets NR Index	-7.68	-0.81	12.36	3.61	5.40	-	37.28	4.35	1.68	-	-

Description: The investment seeks long-term capital appreciation. The fund invests primarily in common stocks of companies with significant exposure to countries with developing economies and/or markets. Under normal market conditions, the fund will invest at least 35% of its assets in equity and debt securities of issuers primarily based in qualified countries that have developing economies and/or markets.

Composition (% of Assets) as of 06/30/2018				Fees & Expenses			# of Transfers Allowed/Time Period		
Cash	8.26	U.S. Stocks	13.38	Total Inv Exp Net %			1/30 day period		
Non-U.S. Stocks	72.88	Non-U.S. Bonds	4.41	Contractual Cap Expiration Date			N/A		
Preferred	0.29	U.S. Bonds	0.35	Waiver Expiration Date			N/A		
Other	0.42			Total Inv Exp Gross %			0.64		
				Total Inv Exp Gross Per \$1,000 Invested			\$6.40		
				Redemption Fee			-		

Asset Class: International Equity

This asset class is composed of investment options that invest in stocks, or shares of ownership in companies with their principal place of business or office outside the United States. These investment options often carry more risk than U.S. equity investment options but may have the potential for higher returns. They may be an appropriate choice for long-term investors who are seeking the potential for growth. All investment options in this category have the potential to lose value.

Investment Category: **Foreign Large Value**

Inv Manager or Sub-Advisor: **Dimensional Fund Advisors**

Investment Option Name	Average Annual Total Return										
DFA International Value I Fund ^{4,E}	(as of 09/30/2018 quarter end)						(as of 12/31/2017 year end)				Incept Date
	YTD Ret	1-Year	3-Year	5-Year	10-Year	Since Incept	1-Year	5-Year	10-Year	Since Incept	
	-3.35	1.90	10.76	4.08	4.82	6.41	26.09	7.96	1.64	6.77	
Benchmark: MSCI ACWI Ex USA Value Index	-3.66	0.42	9.30	2.87	4.50	-	22.66	5.58	1.23	-	-

Description: The investment seeks long-term capital appreciation. The DFA International Value Portfolio is a Feeder Portfolio and pursues its objective by investing substantially all of its assets in its corresponding master fund, the DFA International Value Series (the "International Value Series" or "master fund") of the DFA Investment Trust Company (the "Trust"), which has the same investment objective and policies as the Portfolio. The advisor intends to purchase securities of large companies associated with developed market countries that the Advisor has designated as approved markets.

Composition (% of Assets) as of 08/31/2018				Fees & Expenses			# of Transfers Allowed/Time Period				
Cash	0.89	U.S. Stocks	0.79	Total Inv Exp Net %			0.43	1/30 day period			
Non-U.S. Stocks	98.33	Contractual Cap Expiration Date			N/A						
				Waiver Expiration Date			N/A				
				Total Inv Exp Gross %			0.63				
				Total Inv Exp Gross Per \$1,000 Invested			\$6.30				
				Redemption Fee			-				

Investment Category: **Foreign Large Blend**

Inv Manager or Sub-Advisor: **Principal Global Investors**

Investment Option Name	Average Annual Total Return										
Diversified International Separate Account ^{A,4,31,F}	(as of 09/30/2018 quarter end)						(as of 12/31/2017 year end)				Incept Date
	YTD Ret	1-Year	3-Year	5-Year	10-Year	Since Incept	1-Year	5-Year	10-Year	Since Incept	
	-2.78	0.45	9.57	5.98	6.19	7.49	29.33	8.80	2.72	7.77	
Benchmark: MSCI ACWI Ex USA Index	-3.09	1.76	9.97	4.12	5.18	-	27.19	6.80	1.84	-	-

Description: The investment option normally invests the majority of assets in companies in at least three different countries. It invests in securities of companies with their principal place of business or principal office outside of the United States; companies for which the principal securities trade on a foreign exchange; and companies, regardless of where their securities are traded, that derive 50% or more of their total revenue from goods or services produced or sold outside of the United States. The Separate Account may invest in securities of companies with small to medium market capitalizations.

Composition (% of Assets) as of 08/31/2018				Fees & Expenses			# of Transfers Allowed/Time Period				
Cash	1.24	U.S. Stocks	2.87	Total Inv Exp Net %			0.44	1/30 day period			
Non-U.S. Stocks	95.27	Other	0.62	Contractual Cap Expiration Date			N/A				
				Waiver Expiration Date			N/A				
				Total Inv Exp Gross %			0.44				
				Total Inv Exp Gross Per \$1,000 Invested			\$4.40				
				Redemption Fee			-				

Asset Class: International Equity

This asset class is composed of investment options that invest in stocks, or shares of ownership in companies with their principal place of business or office outside the United States. These investment options often carry more risk than U.S. equity investment options but may have the potential for higher returns. They may be an appropriate choice for long-term investors who are seeking the potential for growth. All investment options in this category have the potential to lose value.

Investment Category: **Foreign Large Growth**

Inv Manager or Sub-Advisor: **Vanguard Group**

Investment Option Name	Average Annual Total Return										
Vanguard International Growth Admiral Fund 4,24,F	(as of 09/30/2018 quarter end)						(as of 12/31/2017 year end)				
	YTD Ret	1-Year	3-Year	5-Year	10-Year	Since Incept	1-Year	5-Year	10-Year	Since Incept	Incept Date
	2.54	6.77	16.99	8.56	8.53	7.66	43.16	11.02	4.74	7.86	8/2001
Benchmark: MSCI ACWI Ex USA Growth Index	-2.54	3.08	10.59	5.32	5.83	-	32.01	7.97	2.40	-	-

Description: The investment seeks to provide long-term capital appreciation. The fund invests predominantly in the stocks of companies located outside the United States and is expected to diversify its assets in countries across developed and emerging markets. In selecting stocks, the fund's advisors evaluate foreign markets around the world and choose large-, mid-, and small-capitalization companies considered to have above-average growth potential. The fund uses multiple investment advisors.

Composition (% of Assets) as of 06/30/2018				Fees & Expenses		# of Transfers Allowed/Time Period	
Cash	2.89	U.S. Stocks	10.89	Total Inv Exp Net %	0.32	1/30 day period	
Non-U.S. Stocks	84.74	U.S. Bonds	0.11	Contractual Cap Expiration Date	N/A		
Other	1.37			Waiver Expiration Date	N/A		
				Total Inv Exp Gross %	0.32		
				Total Inv Exp Gross Per \$1,000 Invested	\$3.20		
				Redemption Fee	-		

Asset Class: Short-Term Fixed Income

This asset class is generally composed of short-term, fixed-income investment options that are largely liquid and are designed to not lose much value. These investment options may include stable value, money market, short-term bond, and guaranteed interest accounts. They are considered to be among the least risky forms of investment options. However, they typically have a lower rate of return than equities or longer-term fixed income investment options over long periods of time. Depending on the objectives of the investment options, they may experience price fluctuations and may lose value.

Investment Option Name: Fixed Income Guaranteed Option^{11,16}

Description: This group annuity contract provides an interest rate guaranteed for a set period of time by the Principal Life Insurance Company. It is supported by the multi-billion dollar general account of Principal Life, which invests in private market bonds, commercial mortgages and mortgage-backed securities. However, money you allocate to this investment does not entitle you to participate in the investment experience or performance of the General Account. The rate credited to participant accounts is a composite weighted average of underlying guarantees provided in the contract. Each underlying guarantee is in effect for its full maturity. The maturity of each guarantee varies from 2 to 10 years at the establishment of the guarantee. Each guarantee matures at a different time. The term shown in the Term column represents the average maturity of the underlying guarantees. The composite rate (crediting rate) is reset every 6 months based on the changing weighted average of the underlying guarantees and applies prospectively (moving forward). The crediting rate is an effective annual rate and is displayed here as the rate guaranteed by Principal Life net of the Rate Level Service Fee. The crediting rate is subject to a minimum guaranteed rate that is determined through a formula determined according to state insurance regulations which utilizes Treasury rates and is outlined in the group annuity contract. The minimum will range between 1% and 3% depending on prevailing market conditions. The contract provides for benefit payments at book value (i.e., no market value adjustments or surrender charge adjustments) for withdrawals due to retirement, termination of employment, disability, loans, plan termination, or death, including participant-directed transfers. If the retirement program provides you access to the Fixed Income Guaranteed Option and Competing Plan Investment Options, participant transfers, either directly or indirectly, to Competing Plan Investment Options will generally be subject to an Equity Wash. An Equity Wash requires that transfers must be directed to a non-competing investment option under the plan for 90 days before such transferred amounts may be directed to any other Competing Plan Investment Option. Competing Plan Investment Options include other guaranteed investment options or fixed income, money market or bond funds that ever had an average duration of three years or less. A plan fiduciary-directed surrender or transfer will be subject to 12 months' advance notice or a 5% surrender charge (subject to additional contractual limitations), whichever the plan sponsor chooses. The Fixed Income Guaranteed Option may make available higher composite rates. If these are available and your plan fiduciary chooses to move a plan's interest to a higher composite rate, a charge of 1.50% of the plan's interest applies. If there are multiple higher composite rates available, the 1.50% charge applies to each higher rate that your plan fiduciary elects. The 1.50% charge is based on the plan's interest, and therefore, the actual fee related to your account may be higher or lower than 1.50% depending on the plan's interest at the time the plan fiduciary chooses to move to a higher composite rate and the value of your account at the time of the actual movement. For more information, call the automated phone system at 1-800-547-7754 or see the applicable fact sheet on principal.com for a more complete description of this investment option and the crediting rate.

Rate Level Service Fee: 0.00

Crediting Rate (credited to participants)	Crediting Period	Term (underlying guarantees)
2.50	06/01/2018-11/30/2018	8.70 years
2.65	12/01/2018-05/31/2019	8.70 years

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.

An investment's past performance is not necessarily an indication of how the investment will perform in the future.

Since inception benchmark returns are displayed on the Investment Option Summary for investments that are less than 10 years old. The benchmark reflecting the Since Inception return is the Morningstar Category index. For some Sub-Advised investment options, two benchmarks will be displayed on the Investment Option Summary and the secondary index reflecting the Since Inception Return is the Morningstar Category index.

For the Principal LifeTime Hybrid Collective Investment Funds, Principal Global Investors, LLC is the discretionary advisor to Principal Global Investors Trust Company.

^A Separate Accounts are available through a group annuity contract with Principal Life Insurance Company. 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 inherent in real estate (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.

Returns shown for periods of less than one year are not annualized. All returns displayed here are after net Total Investment Expense of the investment option.

For a Separate Account investment option, Total Investment Expense net equals the sum of these expenses: (a) the amount of money, expressed as a percentage, deducted for the costs of managing a separate account where applicable, fees for plan administrative services and agent compensation, plus (b) if the separate account invests in an underlying mutual fund, the total fund operating expenses of the underlying mutual fund, plus (c) if an underlying mutual fund invests in other mutual funds, the weighted-average management fee of those other mutual funds, as listed in the most recent prospectus. The actual gross Total Investment Expense may change if an underlying mutual fund's allocation of assets to other mutual funds changes.

For a Mutual Fund investment option, Total Investment Expense gross equals the sum of (a) the total fund operating expenses plus (b) if the mutual fund invests in other mutual funds, the weighted-average management fee of those other mutual funds, as listed in the most recent prospectus. The actual Total Investment Expense may change if the mutual fund investment option's allocation of assets to other mutual funds changes.

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Insurance products and plan administrative services 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, Inc. Registered Representative are offered through Principal Securities. Principal Securities, Inc. and Principal Life are members of the Principal Financial Group, Des Moines, IA 50392.

Several investment companies have decided to impose redemption fees and/or transfer restrictions on certain plan and/or participant transactions. One or more of the investment options in your employer's retirement plan may be impacted. For more information, visit The Principal Web site at principal.com.

Any operating expenses of a mutual fund or underlying mutual fund that are part of net Total Investment Expense are obtained from the mutual fund's most recent prospectus. The operating expenses shown as part of net Total Investment Expense include voluntary expense limits and fee credit.

This report includes investment options that contain information from a variety of sources. Morningstar generally provides holdings information, operations data, and rankings or statistics proprietary to Morningstar. Morningstar is also the source of information on certain mutual funds.

These results are for the investment options available through your Plan Sponsor's retirement plan, and may be different from the results for other retirement plans. Past performance is not a guarantee of future results. Principal values and investment returns will fluctuate so that values upon redemption may be worth more or less than original costs. Total returns illustrated are net of investment expenses and management fees.

Principal Life is an investment manager as defined in ERISA with regard to its Separate Accounts.

Since inception returns are only shown for funds/accounts in existence for less than 10 years.

- 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.
- ⁵ High yield investment options are subject to greater credit risk and volatility that is associated with high yield bonds.
- ⁶ Real Estate investment options are subject to investment and liquidity risk and other risks inherent in real estate such as those associated with general and local economic conditions. Property values can decline due to environmental and other reasons. In addition, fluctuation in interest rates can negatively impact the performance of real estate investment options.
- ⁷ S&P 500 is a trademark of S&P Global and is used under license. The product is not sponsored, endorsed, sold or promoted by Standard & Poor's and Standard & Poor's makes no representation regarding the advisability of investing in the product.
- ⁸ S&P 600 is a trademark of S&P Global and is used under license. The product is not sponsored, endorsed, sold or promoted by Standard & Poor's and Standard & Poor's makes no representation regarding the advisability of investing in the product.
- ⁹ S&P 400 is a trademark of S&P Global and is used under license. The product is not sponsored, endorsed, sold or promoted by Standard & Poor's and Standard & Poor's makes no representation regarding the advisability of investing in the product.
- ¹⁰ These calculated returns reflect the historical performance of the oldest share class of the fund, adjusted to reflect a portion of the fees and expenses of this share class. For time periods prior to inception date of the fund, predecessor performance is reflected. Please see the fund's prospectus for more information on specific expenses, and the fund's most recent shareholder report for actual date of first sale. Expenses are deducted from income earned by the fund. As a result, dividends and investment results will differ for each share class.

- ¹¹ Principal Fixed Income Guaranteed Option is the Group Annuity Contract - Custodial Guaranteed Interest Contract available through Principal Life Insurance Company, a member of the Principal Financial Group, Des Moines Iowa 50392. May not be available in all states.
- ¹² 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.
- ¹³ 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.
- ¹⁴ 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.
- ¹⁶ The Fixed Income Guaranteed Option is a guarantee backed by the general account of Principal Life Insurance Company(Principal Life). As a guarantee, it does not have an investment management fee or expense ratio; those are concepts unique to investment products. The Rate Level Service Fee illustrated here represents the part of the overall fee arrangement that the plan pays for services from Principal Life as a provider of administrative services to the plan, as agreed to in the Service and Expense Agreement for the plan.
- ²¹ Fixed-income and asset allocation investment options that invest in mortgage securities are subject to increased risk due to real estate exposure.
- ²² Asset allocation and diversification do not ensure a profit or protect against a loss. Additionally there is no guarantee this investment option will provide adequate income at or through retirement.
- ²³ The Investment Advisor will display "Multiple Sub-Advisors" for certain target-date, target-risk and specialty investment options where the assets are directed by the Investment Manager to multiple underlying investment options. These underlying investment options may use multiple sub-advisors who are responsible for the day-to-day management responsibilities.
- ²⁴ For Mutual Fund Network 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 fund, 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 for more information on specific expenses, and the fund's most recent shareholder report for actual date of first sale. Expenses are deducted from income earned by the fund. As a result, dividends and investment results will differ for each share class.
- ²⁵ The risks associated with derivative investments include that the underlying security, interest rate, market index, or other financial asset will not move in the direction the Investment Adviser and/or Sub-Advisor anticipated, the possibility that there may be no liquid secondary market, the risk that adverse price movements in an instrument can result in a loss substantially greater than a fund's initial investment, the possibility that the counterparty may fail to perform its obligations; and the inability to close out certain hedged positions to avoid adverse tax consequences.
- ²⁶ International and global investing involves greater risks such as currency fluctuations, political/social instability and differing accounting standards.
- ²⁷ Effective January 1, 2017, the trustee for the Principal LifeTime Hybrid Collective Investment Funds changed from Principal Trust Company to Principal Global Investors Trust Company. Principal Trust Target Date Collective Investment Funds were renamed the Principal LifeTime Hybrid Collective Investment Funds (CITs).
- ²⁸ For the Principal Lifetime Hybrid Collective Investment Funds (CITs), Total Investment Expense Net equals the sum of these expenses: (a) the amount of money, expressed as a percentage, deducted for the cost of managing the collective investment trust, and where applicable, plus (b) if the collective investment trust invests in an underlying mutual fund, separate account, or collective investment trust, the total investment operating expenses of the underlying investment option, as listed in the most recent prospectus if applicable.
- ²⁹ The Principal LifeTime Hybrid Collective Investment Funds (CITs) are collective investment trusts maintained by Principal Global Investors Trust Company, (the Trust Company). The Trust Company has retained Principal Global Investors, LLC (the Adviser), to serve as investment adviser with respect to the CITs, subject to the Trust Company's supervision and review. The Adviser is an indirect wholly owned subsidiary of Principal Financial Group, Inc. and is under common control with the Trust Company. The Adviser also manages portfolios which may be included as underlying investments in the CITs. The Adviser receives management fees from these portfolios. The Adviser or other affiliates of the Trust Company may provide services to the CITs and may receive fees for such services. The CITs are available only to certain qualified retirement plans and governmental 457(b) plans.
- ³⁰ The CITs are not mutual funds and are not registered with the Securities and Exchange Commission, the State of Oregon, or any other regulatory body. Units of the CITs are not deposits or obligations of, guaranteed by, or insured by the Trust Company or any affiliate, and are not insured by the FDIC or any other federal or state government agency. The value of the CITs will fluctuate so that when redeemed, units may be worth more or less than the original cost. The declaration of trust, participation agreement, and disclosure documents contain important information about investment objectives, risks, fees and expenses associated with investment in the CITs and should be read carefully before investing. The declaration of trust is available at principal.com. A copy of the participation agreement can be obtained from your plan administrator.
- ³¹ Investment manager/sub-advisor means either the Investment Advisor or Sub-Advisor to the investment option or the underlying asset(s). Principal Life Insurance Company is the Investment Manager as defined by ERISA, with regard to the assets of the Separate Accounts. Principal Global Investors is a member of the Principal Financial Group.
- ^E Investment option limits the number of transfers allowed into the investment option. All participant investment transfers and non-scheduled rebalancing activity are counted toward the number of transfers allowed. When the number of allowed transfers into the investment option is met, no additional investment transfers into the investment option will be allowed until the holding period elapses. Contributions into the investment option are not impacted.

- F Investment option limits transfer activity. Once the number of allowed transfers is met, participants are not allowed to transfer back into an investment option which they have transferred out of until the holding period elapses. All participant investment transfers and non-scheduled rebalancing activity are counted toward the number of transfers allowed. Contributions into the investment option are not impacted. Participants may still transfer out to different investment options or to money market or Guaranteed options.
- G Investment option limits transfer activity. Once the number of allowed transfers is met, participants are not allowed to transfer amounts valued at the threshold amount or more back into the investment option which they have transferred out of until the holding period elapses. All participant investment transfers and non-scheduled rebalancing activity valued at the threshold amount or more are counted toward the number of transfers allowed. Contributions into the investment option are not impacted. Participant transfers made for less than the threshold amount do not count and are not limited.
- Principal Life works with each fund family to implement each funds' policy and establish frequent trading guidelines that best mirror Prospectus language. Mutual Fund Network investment managers have the ability to monitor for excessive trading and may enforce frequent purchase limitations in addition to or in lieu of policy monitored by Principal Life Insurance Company. Please refer to the Prospectus for verification.

Benchmark Descriptions

Morningstar Lifetime Moderate 2035 Index represents a portfolio of global equities, bonds and traditional inflation hedges such as commodities and TIPS. This portfolio is held in proportions appropriate for a U.S. investor who is about 25 years away from retirement.

S&P Target Date 2060 Index provides varying levels of exposure to equities and fixed income. Each target date allocation is created and retired according to a pre-determined schedule related to the respective target date.

Morningstar Lifetime Moderate 2030 Index represents a portfolio of global equities, bonds and traditional inflation hedges such as commodities and TIPS. This portfolio is held in proportions appropriate for a U.S. investor who is about 20 years away from retirement.

Morningstar Lifetime Moderate 2025 Index represents a portfolio of global equities, bonds and traditional inflation hedges such as commodities and TIPS. This portfolio is held in proportions appropriate for a U.S. investor who is about 15 years away from retirement.

Russell 1000 Index consists of the 1000 largest companies within the Russell 3000 index. Also known as the Market-Oriented Index, because it represents the group of stocks from which most active money managers choose.

Morningstar Lifetime Moderate 2020 Index represents a portfolio of global equities, bonds and traditional inflation hedges such as commodities and TIPS. This portfolio is held in proportions appropriate for a U.S. investor who is about ten years away from retirement.

MCSI ACWI Ex USA Growth Index captures large and mid-cap securities exhibiting overall growth style characteristics across 22 Developed Markets countries and 23 Emerging Markets countries.

Merrill Lynch U.S. High Yield Master II Index measures the performance of high yield bonds.

Morningstar Lifetime Moderate 2060 Index represents a portfolio of global equities, bonds and traditional inflation hedges such as commodities and TIPS. This portfolio is held in proportions appropriate for a U.S. investor who is about 50 years away from retirement.

Morningstar Lifetime Moderate 2050 Index represents a portfolio of global equities, bonds and traditional inflation hedges such as commodities and TIPS. This portfolio is held in proportions appropriate for a U.S. investor who is about 40 years away from retirement.

Morningstar Lifetime Moderate 2045 Index represents a portfolio of global equities, bonds and traditional inflation hedges such as commodities and TIPS. This portfolio is held in proportions appropriate for a U.S. investor who is about 35 years away from retirement.

Morningstar Lifetime Moderate 2040 Index represents a portfolio of global equities, bonds and traditional inflation hedges such as commodities and TIPS. This portfolio is held in proportions appropriate for a U.S. investor who is about 30 years away from retirement.

MSCI ACWI Ex USA Index is a free float-adjusted market capitalization index that is designed to measure the combined equity market performance of developed and emerging market countries excluding the US.

S&P Target Date 2015 Index provides varying levels of exposure to equities and fixed income. Each target date allocation is created and retired according to a pre-determined schedule related to the respective target date.

S&P Target Date 2010 Index provides varying levels of exposure to equities and fixed income. Each target date allocation is created and retired according to a pre-determined schedule related to the respective target date.

Bloomberg Barclays Aggregate Bond Index represents securities that are domestic, taxable, and dollar denominated. The index covers the U.S. investment grade fixed rate bond market, with index components for government and corporate securities, mortgage pass-through securities, and asset-backed securities. These major sectors are subdivided into more specific indices that are calculated and reported on a regular basis.

S&P Target Date Retirement Income Index provides varying levels of exposure to equities and fixed income. Each target date allocation is created and retired according to a pre-determined schedule related to the respective target date.

S&P Target Date 2045 Index provides varying levels of exposure to equities and fixed income. Each target date allocation is created and retired according to a pre-determined schedule related to the respective target date.

S&P Target Date 2040 Index provides varying levels of exposure to equities and fixed income. Each target date allocation is created and retired according to a pre-determined schedule related to the respective target date.

S&P Target Date 2050 Index provides varying levels of exposure to equities and fixed income. Each target date allocation is created and retired according to a pre-determined schedule related to the respective target date.

S&P Target Date 2025 Index provides varying levels of exposure to equities and fixed income. Each target date allocation is created and retired according to a pre-determined schedule related to the respective target date.

S&P Target Date 2020 Index provides varying levels of exposure to equities and fixed income. Each target date allocation is created and retired according to a pre-determined schedule related to the respective target date.

S&P Target Date 2035 Index provides varying levels of exposure to equities and fixed income. Each target date allocation is created and retired according to a pre-determined schedule related to the respective target date.

Russell 2000 Value Index is a market-weighted total return index that measures the performance of companies within the Russell 2000 Index having lower price-to-book ratios and lower forecasted growth values.

Russell 1000 Growth Index is a market-capitalization weighted index of those firms in the Russell 1000 with higher price-to-book ratios and higher forecasted growth values.

S&P Target Date 2030 Index provides varying levels of exposure to equities and fixed income. Each target date allocation is created and retired according to a pre-determined schedule related to the respective target date.

Morningstar Lifetime Moderate 2010 Index represents a portfolio of global equities, bonds and traditional inflation hedges such as commodities and TIPS. This portfolio is held in proportions appropriate for a U.S. investor who is near retirement.

Russell 1000 Value Index is a market-capitalization weighted index of those firms in the Russell 1000 with lower price-to-book ratios and lower forecasted growth values.

Russell 2000 Growth Index is a market-weighted total return index that measures the performance of companies within the Russell 2000 Index having higher price-to-book ratio and higher forecasted growth values.

MSCI US REIT Index is a capitalization-weighted benchmark index of most actively traded Real Estate Investment Trusts (REITs), designed to measure real estate performance.

Morningstar Lifetime Moderate Income Index represents a portfolio of global equities, bonds and traditional inflation hedges such as commodities and TIPS. This portfolio is held in proportions appropriate for a U.S. investor who is at least ten years into retirement.

Morningstar Lifetime Moderate 2015 Index represents a portfolio of global equities, bonds and traditional inflation hedges such as commodities and TIPS. This portfolio is held in proportions appropriate for a U.S. investor who is about five years away from retirement.

MSCI Emerging Markets NR Index measures equity market performance in the global emerging markets. It consists of 26 emerging market countries in Europe, Latin America and the Pacific Basin.

Citigroup Non-\$ World Govt Bond Index covers thirteen government-bond markets: Austria, Belgium, Canada, Denmark, France, Germany, Italy, Japan, the Netherlands, Spain, Sweden and the United Kingdom.

S&P Target Date 2055 Index provides varying levels of exposure to equities and fixed income. Each target date allocation is created and retired according to a pre-determined schedule related to the respective target date.

Russell Midcap Growth Index is a market-weighted total return index that measures the performance of companies within the Russell Midcap Index having higher price-to-book ratios and higher forecasted growth values.

Russell Midcap Value Index is a market-weighted total return index that measures the performance of companies within the Russell Midcap index having lower price-to-book ratios and lower forecasted growth values.

Standard & Poor's 400 MidCap Stock Index includes approximately 10% of the capitalization of U.S. equity securities. These are comprised of stocks in the middle capitalization range.

Bloomberg Barclays US Treas TIPS Index consists of inflation-protected securities issued by the U.S. Treasury.

Standard & Poor's 600 Stock Index is a small cap index that consists of 600 domestic stocks chosen for market size, liquidity, and industry group representation.

Standard & Poor's 500 Index is a market capitalization-weighted index of 500 widely held stocks often used as a proxy for the stock market.

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² You should consider the differences in investment options and risks, fees and expenses, tax implications, services and penalty-free withdrawals for your various options. There may be other factors to consider due to your specific needs and situation. You may wish to consult your tax advisor or legal counsel.



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