

Investment Option Summary

As of 09/30/2017

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. Some or all of the Plan administrative expenses are paid from the total investment expense of one or more of the Plan's investment options. 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: 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 Category: **Short Term Bond**Inv Manager or Sub-Advisor: **Principal Global Investors**

Investment Option Name	Average Annual Total Return										
Short-Term Income Separate Account A,3,14,19,20,31,45,F	(as of 09/30/2017 quarter end)						(as of 12/31/2016 year end)				
	YTD Ret	1-Year	3-Year	5-Year	10-Year	Since Incept	1-Year	5-Year	10-Year	Since Incept	Incept Date
	1.95	1.58	1.70	1.55	2.87	3.91	2.27	2.04	3.05	3.95	12/2010
Benchmark: Bloomberg Barclays Credit 1-3 Years Index	1.73	1.46	1.60	1.54	3.01	-	2.11	1.84	3.25	-	-

Description: The investment seeks as high a level of current income as is consistent with prudent investment management and stability of principal. The fund invests primarily in high quality short-term bonds and other fixed-income securities that, at the time of purchase, are rated BBB- or higher by S&P Global or Baa3 or higher by Moody's or, if unrated, in the opinion of those selecting such investments, are of comparable quality. It maintains an effective maturity of five years or less and an average portfolio duration that is within 15% of the duration of the Bloomberg Barclays Credit 1-3 Year Index, which as of December 31, 2016 was 1.87 years.

Composition (% of Assets) as of 08/31/2017				Fees & Expenses			# of Transfers Allowed/Time Period				
Cash	3.23	Non-U.S. Bonds	6.32	Total Inv Exp Net %			0.59				
Preferred	1.25	U.S. Bonds	89.20	Contractual Cap Expiration Date			06/30/2018				
				Waiver Expiration Date			06/30/2018				
				Total Inv Exp Gross %			0.59				
				Total Inv Exp Gross Per \$1,000 Invested			\$5.90				
				Redemption Fee			-				

Investment Category: **Money Market**Inv Manager or Sub-Advisor: **Principal Global Investors**

Investment Option Name	Average Annual Total Return										
Liquid Assets Separate Account A,5,30,41,43	(as of 09/30/2017 quarter end)						(as of 12/31/2016 year end)				
	YTD Ret	1-Year	3-Year	5-Year	10-Year	Since Incept	1-Year	5-Year	10-Year	Since Incept	Incept Date
	0.36	0.40	-0.03	-0.16	0.28	4.49	0.01	-0.27	0.60	4.58	12/1980
Benchmark: Bloomberg Barclays Treasury Bellwethers 3 Month Index	0.58	0.67	0.33	0.24	0.51	-	0.35	0.14	0.84	-	-

Description: The investment seeks as high a level of current income as is considered consistent with preservation of principal and maintenance of liquidity. It invests in a portfolio of high quality, short-term money market instruments. The investments are U.S. dollar denominated securities which the sub-advisor believes present minimal credit risks. The sub-advisor maintains a dollar weighted average portfolio maturity of 60 days or less.

Composition (% of Assets) as of 08/31/2017				Fees & Expenses			# of Transfers Allowed/Time Period				
U.S. Bonds	11.00	Other	89.00	Total Inv Exp Net %			0.56				
				Contractual Cap Expiration Date			N/A				
				Waiver Expiration Date			N/A				
				Total Inv Exp Gross %			0.56				
				Total Inv Exp Gross Per \$1,000 Invested			\$5.60				
				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: **Principal Global Investors**

Investment Option Name	Average Annual Total Return										
Core Plus Bond Separate Account A,19,20,31,38,43,F	(as of 09/30/2017 quarter end)						(as of 12/31/2016 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	1.39	2.74	2.48	4.36	7.45	4.00	2.98	4.21	7.49	2/1983
Benchmark: Bloomberg Barclays Aggregate Bond Index	3.14	0.07	2.71	2.06	4.27	-	2.65	2.23	4.34	-	-

Description: The investment option invests primarily in intermediate-term, fixed-income investments such as public and private corporate bonds, commercial and residential mortgages, asset-backed securities, and US government and agency-backed securities. Value is added primarily through sector allocation and security selection. The Separate Account may enter into reverse repurchase agreements to attempt to enhance portfolio return and income.

Composition (% of Assets) as of 08/31/2017				Fees & Expenses			# of Transfers Allowed/Time Period		
Cash	1.83	U.S. Stocks	0.16	Total Inv Exp Net %		0.71	1/30 day period		
Non-U.S. Stocks	0.02	Non-U.S. Bonds	15.00	Contractual Cap Expiration Date		N/A			
Convertibles	1.04	Preferred	0.52	Waiver Expiration Date		N/A			
U.S. Bonds	81.59	Other	-0.16	Total Inv Exp Gross %		0.71			
				Total Inv Exp Gross Per \$1,000 Invested		\$7.10			
				Redemption Fee		-			

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

Investment Option Name	Average Annual Total Return										
Income Separate Account A,3,14,19,20,45,F	(as of 09/30/2017 quarter end)						(as of 12/31/2016 year end)				
	YTD Ret	1-Year	3-Year	5-Year	10-Year	Since Incept	1-Year	5-Year	10-Year	Since Incept	Incept Date
	3.86	1.82	2.85	2.79	5.36	7.46	5.30	3.68	5.29	7.50	6/2009
Benchmark: Bloomberg Barclays Aggregate Bond Index	3.14	0.07	2.71	2.06	4.27	-	2.65	2.23	4.34	-	-

Description: The investment seeks to provide a high level of current income consistent with preservation of capital. The fund invests primarily in a diversified pool of fixed-income securities including corporate securities, U.S. government securities, and mortgage-backed securities, up to 35% of which may be in below investment grade bonds which are rated at the time of purchase Ba1 or lower by Moody's and BB+ or lower by S&P Global. It maintains an average portfolio duration that is within from 75% to 125% of the duration of the Bloomberg Barclays U.S. Aggregate Bond Index.

Composition (% of Assets) as of 08/31/2017				Fees & Expenses			# of Transfers Allowed/Time Period		
Cash	2.31	U.S. Stocks	1.01	Total Inv Exp Net %		0.66	1/30 day period		
Non-U.S. Bonds	4.73	Convertibles	0.13	Contractual Cap Expiration Date		06/30/2018			
Preferred	1.52	U.S. Bonds	90.30	Waiver Expiration Date		06/30/2018			
				Total Inv Exp Gross %		0.97			
				Total Inv Exp Gross Per \$1,000 Invested		\$9.70			
				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: **Owned Real Estate**Inv Manager or Sub-Advisor: **Principal Real Estate Inv**

Investment Option Name	Average Annual Total Return										
U.S. Property Sep Acct A,27,43,F	(as of 09/30/2017 quarter end)						(as of 12/31/2016 year end)				
	YTD Ret	1-Year	3-Year	5-Year	10-Year	Since Incept	1-Year	5-Year	10-Year	Since Incept	Incept Date
	5.97	8.58	10.85	11.18	4.10	6.84	8.79	11.89	4.67	6.81	1/1982
Benchmark: NFI-ODCE Equal-Weight Q	4.88	6.93	10.11	10.65	3.95	-	8.36	11.23	4.70	-	-

Description: The investment invests the majority of assets in commercial real estate holdings. It focuses on properties that return both lease income and appreciation of the buildings' marketable value. The property holdings usually contain real estate from the multi-family, office, warehouse/manufacturing, and retail sectors. This investment option is subject to investment and liquidity risk and other risks inherent in real estate such as those associated with general and local economic conditions. You may not be able to immediately withdraw funds contributed to this Separate Account. A contractual limitation in the group annuity contract that provides access to this Separate Account may be implemented, which will allow management of this Separate Account, and satisfy withdrawal requests over time and fairly amongst all those who request a withdrawal.

Composition (% of Assets) as of 08/31/2017		Fees & Expenses		# of Transfers Allowed/Time Period	
Other	100.00	Total Inv Exp Net %	1.15	1/30 day period	
		Contractual Cap Expiration Date	N/A		
		Waiver Expiration Date	N/A		
		Total Inv Exp Gross %	1.15		
		Total Inv Exp Gross Per \$1,000 Invested	\$11.50		
		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 Strategic Income Separate Account A,17,20,25,26,36,42,43,F	(as of 09/30/2017 quarter end)						(as of 12/31/2016 year end)				
	YTD Ret	1-Year	3-Year	5-Year	10-Year	Since Incept	1-Year	5-Year	10-Year	Since Incept	Incept Date
	6.68	5.58	3.69	4.17	3.27	4.57	4.62	4.45	2.90	4.37	3/2001
Benchmark: S&P Target Date Retirement Income Index	6.17	5.37	4.14	4.60	3.89	-	5.01	4.66	3.89	-	-

Description: The investment seeks current income, and as a secondary objective, capital appreciation. The fund is a fund of funds and invests in underlying funds of Principal Funds, Inc. ("PFI"). Its underlying funds consist of domestic and foreign equity funds, fixed-income funds, real asset funds, and other funds that aim to offer diversification beyond traditional equity and fixed-income securities. Its asset allocation is designed for investors who are approximately 15 years beyond the normal retirement age of 65.

Composition (% of Assets) as of 08/31/2017				Fees & Expenses		# of Transfers Allowed/Time Period	
Cash	2.44	U.S. Stocks	16.50	Total Inv Exp Net %	0.80	1/30 day period	
Non-U.S. Stocks	11.10	Non-U.S. Bonds	7.52	Contractual Cap Expiration Date	N/A		
Convertibles	0.55	Preferred	0.58	Waiver Expiration Date	N/A		
U.S. Bonds	60.64	Other	0.68	Total Inv Exp Gross %	0.80		
				Total Inv Exp Gross Per \$1,000 Invested	\$8.00		
				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 2000-2010**

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

Investment Option Name	Average Annual Total Return										
Principal LifeTime 2010 Separate Account A,17,20,25,26,36,42,43,F	(as of 09/30/2017 quarter end)						(as of 12/31/2016 year end)				
	YTD Ret	1-Year	3-Year	5-Year	10-Year	Since Incept	1-Year	5-Year	10-Year	Since Incept	Incept Date
	8.48	7.90	4.50	5.82	3.60	5.26	5.16	6.16	3.35	4.97	3/2001
Benchmark: S&P Target Date 2010 Index	7.24	6.93	4.80	5.69	4.23	-	5.82	5.75	4.21	-	-

Description: The investment seeks a total return consisting of long-term growth of capital and current income. The fund operates as a "target date fund" that invests according to an asset allocation strategy designed for investors having a retirement investment goal close to the year in 2010. It is a fund of funds and invests in underlying funds of Principal Funds, Inc. ("PFI"). Its underlying funds consist of domestic and foreign equity funds, fixed-income funds, real asset funds, and other funds that aim to offer diversification beyond traditional equity and fixed-income securities.

Composition (% of Assets) as of 08/31/2017				Fees & Expenses			# of Transfers Allowed/Time Period				
Cash	2.26	U.S. Stocks	24.92	Total Inv Exp Net %			1/30 day period				
Non-U.S. Stocks	16.11	Non-U.S. Bonds	6.15	Contractual Cap Expiration Date			N/A				
Convertibles	0.45	Preferred	0.49	Waiver Expiration Date			N/A				
U.S. Bonds	49.03	Other	0.59	Total Inv Exp Gross %			0.83				
				Total Inv Exp Gross Per \$1,000 Invested			\$8.30				
				Redemption Fee			-				

Investment Category: **Target-Date 2015**

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

Investment Option Name	Average Annual Total Return										
Principal LifeTime 2015 Separate Account A,17,20,25,26,36,42,43,F	(as of 09/30/2017 quarter end)						(as of 12/31/2016 year end)				
	YTD Ret	1-Year	3-Year	5-Year	10-Year	Since Incept	1-Year	5-Year	10-Year	Since Incept	Incept Date
	9.97	9.60	5.07	6.65	-	5.01	5.38	6.89	-	4.32	2/2008
Benchmark: S&P Target Date 2015 Index	8.30	8.43	5.47	6.73	4.55	-	6.56	6.79	4.50	-	-
Benchmark: Morningstar Lifetime Moderate 2015 Index	7.99	7.16	4.79	5.97	5.01	-	7.10	6.48	5.16	5.07	-

Description: The investment seeks a total return consisting of long-term growth of capital and current income. The fund operates as a "target date fund" that invests according to an asset allocation strategy designed for investors having a retirement investment goal close to the year in 2015. It is a fund of funds and invests in underlying funds of Principal Funds, Inc. ("PFI"). Its underlying funds consist of domestic and foreign equity funds, fixed-income funds, real asset funds, and other funds that aim to offer diversification beyond traditional equity and fixed-income securities.

Composition (% of Assets) as of 08/31/2017				Fees & Expenses			# of Transfers Allowed/Time Period				
Cash	1.91	U.S. Stocks	30.20	Total Inv Exp Net %			1/30 day period				
Non-U.S. Stocks	19.55	Non-U.S. Bonds	5.62	Contractual Cap Expiration Date			N/A				
Convertibles	0.41	Preferred	0.40	Waiver Expiration Date			N/A				
U.S. Bonds	41.44	Other	0.47	Total Inv Exp Gross %			0.84				
				Total Inv Exp Gross Per \$1,000 Invested			\$8.40				
				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 2020**Inv Manager or Sub-Advisor: **Multiple Sub-Advisors**

Investment Option Name	Average Annual Total Return										
Principal LifeTime 2020 Separate Account A,17,20,25,26,36,42,43,F	(as of 09/30/2017 quarter end)						(as of 12/31/2016 year end)				
	YTD Ret	1-Year	3-Year	5-Year	10-Year	Since Incept	1-Year	5-Year	10-Year	Since Incept	Incept Date
	11.18	10.96	5.71	7.57	4.16	6.01	5.67	7.82	3.86	5.59	3/2001
Benchmark: S&P Target Date 2020 Index	9.30	9.86	6.05	7.64	4.77	-	7.22	7.66	4.68	-	-

Description: The investment seeks a total return consisting of long-term growth of capital and current income. The fund operates as a "target date fund" that invests according to an asset allocation strategy designed for investors having a retirement investment goal close to the year in 2020. It is a fund of funds and invests in underlying funds of Principal Funds, Inc. ("PFI"). Its underlying funds consist of domestic and foreign equity funds, fixed-income funds, real asset funds, and other funds that aim to offer diversification beyond traditional equity and fixed-income securities.

Composition (% of Assets) as of 08/31/2017				Fees & Expenses			# of Transfers Allowed/Time Period				
Cash	1.76	U.S. Stocks	36.19	Total Inv Exp Net %			1/30 day period				
Non-U.S. Stocks	22.73	Non-U.S. Bonds	4.92	Contractual Cap Expiration Date			N/A				
Convertibles	0.38	Preferred	0.32	Waiver Expiration Date			N/A				
U.S. Bonds	33.31	Other	0.40	Total Inv Exp Gross %			0.87				
				Total Inv Exp Gross Per \$1,000 Invested			\$8.70				
				Redemption Fee			-				

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

Investment Option Name	Average Annual Total Return										
Principal LifeTime 2025 Separate Account A,17,20,25,26,36,42,43,F	(as of 09/30/2017 quarter end)						(as of 12/31/2016 year end)				
	YTD Ret	1-Year	3-Year	5-Year	10-Year	Since Incept	1-Year	5-Year	10-Year	Since Incept	Incept Date
	12.49	12.40	6.21	8.21	-	5.57	5.85	8.30	-	4.65	2/2008
Benchmark: S&P Target Date 2025 Index	10.43	11.39	6.57	8.42	4.93	-	7.82	8.37	4.78	-	-
Benchmark: Morningstar Lifetime Moderate 2025 Index	10.16	10.02	5.88	7.87	5.16	-	8.39	8.27	5.22	5.43	-

Description: The investment seeks a total return consisting of long-term growth of capital and current income. The fund operates as a "target date fund" that invests according to an asset allocation strategy designed for investors having a retirement investment goal close to the year in 2025. It is a fund of funds and invests in underlying funds of Principal Funds, Inc. ("PFI"). Its underlying funds consist of domestic and foreign equity funds, fixed-income funds, real asset funds, and other funds that aim to offer diversification beyond traditional equity and fixed-income securities.

Composition (% of Assets) as of 08/31/2017				Fees & Expenses			# of Transfers Allowed/Time Period				
Cash	1.54	U.S. Stocks	41.33	Total Inv Exp Net %			1/30 day period				
Non-U.S. Stocks	25.61	Non-U.S. Bonds	4.26	Contractual Cap Expiration Date			N/A				
Convertibles	0.33	Preferred	0.24	Waiver Expiration Date			N/A				
U.S. Bonds	26.35	Other	0.33	Total Inv Exp Gross %			0.89				
				Total Inv Exp Gross Per \$1,000 Invested			\$8.90				
				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 2030**

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

Investment Option Name	Average Annual Total Return										
Principal LifeTime 2030 Separate Account A,17,20,25,26,36,42,43,F	(as of 09/30/2017 quarter end)						(as of 12/31/2016 year end)				
	YTD Ret	1-Year	3-Year	5-Year	10-Year	Since Incept	1-Year	5-Year	10-Year	Since Incept	Incept Date
	13.60	13.82	6.64	8.82	4.46	6.26	5.72	8.73	4.04	5.71	3/2001
Benchmark: S&P Target Date 2030 Index	11.46	12.79	7.07	9.17	5.02	-	8.35	9.05	4.82	-	-

Description: The investment seeks a total return consisting of long-term growth of capital and current income. The fund operates as a "target date fund" that invests according to an asset allocation strategy designed for investors having a retirement investment goal close to the year in 2030. It is a fund of funds and invests in underlying funds of Principal Funds, Inc. ("PFI"). Its underlying funds consist of domestic and foreign equity funds, fixed-income funds, real asset funds, and other funds that aim to offer diversification beyond traditional equity and fixed-income securities.

Composition (% of Assets) as of 08/31/2017				Fees & Expenses			# of Transfers Allowed/Time Period				
Cash	1.56	U.S. Stocks	46.13	Total Inv Exp Net %			1/30 day period				
Non-U.S. Stocks	28.17	Non-U.S. Bonds	3.38	Contractual Cap Expiration Date			N/A				
Convertibles	0.28	Preferred	0.20	Waiver Expiration Date			N/A				
U.S. Bonds	19.97	Other	0.30	Total Inv Exp Gross %			0.89				
				Total Inv Exp Gross Per \$1,000 Invested			\$8.90				
				Redemption Fee			-				

Investment Category: **Target-Date 2035**

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

Investment Option Name	Average Annual Total Return										
Principal LifeTime 2035 Separate Account A,17,20,25,26,36,42,43,F	(as of 09/30/2017 quarter end)						(as of 12/31/2016 year end)				
	YTD Ret	1-Year	3-Year	5-Year	10-Year	Since Incept	1-Year	5-Year	10-Year	Since Incept	Incept Date
	14.47	14.84	6.84	9.29	-	5.95	5.16	9.15	-	4.85	2/2008
Benchmark: S&P Target Date 2035 Index	12.48	14.19	7.57	9.82	5.13	-	8.85	9.59	4.86	-	-
Benchmark: Morningstar Lifetime Moderate 2035 Index	12.88	14.20	7.11	9.75	5.55	-	10.07	9.82	5.41	5.78	-

Description: The investment seeks a total return consisting of long-term growth of capital and current income. The fund operates as a "target date fund" that invests according to an asset allocation strategy designed for investors having a retirement investment goal close to the year in 2035. It is a fund of funds and invests in underlying funds of Principal Funds, Inc. ("PFI"). Its underlying funds consist of domestic and foreign equity funds, fixed-income funds, real asset funds, and other funds that aim to offer diversification beyond traditional equity and fixed-income securities.

Composition (% of Assets) as of 08/31/2017				Fees & Expenses			# of Transfers Allowed/Time Period				
Cash	0.09	U.S. Stocks	49.70	Total Inv Exp Net %			1/30 day period				
Non-U.S. Stocks	28.77	Non-U.S. Bonds	2.73	Contractual Cap Expiration Date			N/A				
Convertibles	0.16	Preferred	0.12	Waiver Expiration Date			N/A				
U.S. Bonds	18.24	Other	0.20	Total Inv Exp Gross %			0.85				
				Total Inv Exp Gross Per \$1,000 Invested			\$8.50				
				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 2040**Inv Manager or Sub-Advisor: **Multiple Sub-Advisors**

Investment Option Name	Average Annual Total Return										
Principal LifeTime 2040 Separate Account A,17,20,25,26,36,42,43,F	(as of 09/30/2017 quarter end)						(as of 12/31/2016 year end)				
	YTD Ret	1-Year	3-Year	5-Year	10-Year	Since Incept	1-Year	5-Year	10-Year	Since Incept	Incept Date
	15.08	15.66	7.08	9.68	4.59	6.49	5.28	9.47	4.11	5.87	3/2001
Benchmark: S&P Target Date 2040 Index	13.17	15.15	7.90	10.28	5.22	-	9.23	10.00	4.92	-	-

Description: The investment seeks a total return consisting of long-term growth of capital and current income. The fund operates as a "target date fund" that invests according to an asset allocation strategy designed for investors having a retirement investment goal close to the year in the fund's name. It is a fund of funds and invests in underlying funds of Principal Funds, Inc. ("PFI"). Its underlying funds consist of domestic and foreign equity funds, fixed-income funds, real asset funds, and other funds that aim to offer diversification beyond traditional equity and fixed-income securities.

Composition (% of Assets) as of 08/31/2017				Fees & Expenses			# of Transfers Allowed/Time Period				
Cash	0.20	U.S. Stocks	52.71	Total Inv Exp Net %			0.87	1/30 day period			
Non-U.S. Stocks	30.39	Non-U.S. Bonds	2.11	Contractual Cap Expiration Date			N/A				
Convertibles	0.12	Preferred	0.11	Waiver Expiration Date			N/A				
U.S. Bonds	14.18	Other	0.20	Total Inv Exp Gross %			0.87				
				Total Inv Exp Gross Per \$1,000 Invested			\$8.70				
				Redemption Fee			-				

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

Investment Option Name	Average Annual Total Return										
Principal LifeTime 2045 Separate Account A,17,20,25,26,36,42,43,F	(as of 09/30/2017 quarter end)						(as of 12/31/2016 year end)				
	YTD Ret	1-Year	3-Year	5-Year	10-Year	Since Incept	1-Year	5-Year	10-Year	Since Incept	Incept Date
	15.58	16.35	7.29	9.98	-	6.19	5.41	9.74	-	5.00	2/2008
Benchmark: S&P Target Date 2045 Index	13.65	15.87	8.14	10.63	5.22	-	9.54	10.31	4.89	-	-
Benchmark: Morningstar Lifetime Moderate 2045 Index	14.24	16.22	7.55	10.20	5.64	-	10.84	10.03	5.41	5.76	-

Description: The investment seeks a total return consisting of long-term growth of capital and current income. The fund operates as a "target date fund" that invests according to an asset allocation strategy designed for investors having a retirement investment goal close to the year in 2045. It is a fund of funds and invests in underlying funds of Principal Funds, Inc. ("PFI"). Its underlying funds consist of domestic and foreign equity funds, fixed-income funds, real asset funds, and other funds that aim to offer diversification beyond traditional equity and fixed-income securities.

Composition (% of Assets) as of 08/31/2017				Fees & Expenses			# of Transfers Allowed/Time Period				
Cash	0.31	U.S. Stocks	55.12	Total Inv Exp Net %			0.89	1/30 day period			
Non-U.S. Stocks	31.73	Non-U.S. Bonds	1.56	Contractual Cap Expiration Date			N/A				
Convertibles	0.09	Preferred	0.10	Waiver Expiration Date			N/A				
U.S. Bonds	10.90	Other	0.19	Total Inv Exp Gross %			0.89				
				Total Inv Exp Gross Per \$1,000 Invested			\$8.90				
				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 2050**Inv Manager or Sub-Advisor: **Multiple Sub-Advisors**

Investment Option Name	Average Annual Total Return										
Principal LifeTime 2050 Separate Account A,17,20,25,26,36,42,43,F	(as of 09/30/2017 quarter end)						(as of 12/31/2016 year end)				
	YTD Ret	1-Year	3-Year	5-Year	10-Year	Since Incept	1-Year	5-Year	10-Year	Since Incept	Incept Date
	16.10	16.93	7.47	10.26	4.71	6.39	5.41	9.94	4.17	5.70	3/2001
Benchmark: S&P Target Date 2050 Index	14.09	16.53	8.36	10.96	5.36	-	9.74	10.60	4.99	-	-

Description: The investment seeks a total return consisting of long-term growth of capital and current income. The fund operates as a "target date fund" that invests according to an asset allocation strategy designed for investors having a retirement investment goal close to the year in 2050. It is a fund of funds and invests in underlying funds of Principal Funds, Inc. ("PFI"). Its underlying funds consist of domestic and foreign equity funds, fixed-income funds, real asset funds, and other funds that aim to offer diversification beyond traditional equity and fixed-income securities.

Composition (% of Assets) as of 08/31/2017				Fees & Expenses			# of Transfers Allowed/Time Period				
Cash	0.38	U.S. Stocks	56.91	Total Inv Exp Net %			0.90	1/30 day period			
Non-U.S. Stocks	32.74	Non-U.S. Bonds	1.23	Contractual Cap Expiration Date			N/A				
Convertibles	0.07	Preferred	0.09	Waiver Expiration Date			N/A				
U.S. Bonds	8.39	Other	0.20	Total Inv Exp Gross %			0.90				
				Total Inv Exp Gross Per \$1,000 Invested			\$9.00				
				Redemption Fee			-				

Investment Category: **Target-Date 2055**Inv Manager or Sub-Advisor: **Multiple Sub-Advisors**

Investment Option Name	Average Annual Total Return										
Principal LifeTime 2055 Separate Account A,17,20,25,26,36,42,43,F	(as of 09/30/2017 quarter end)						(as of 12/31/2016 year end)				
	YTD Ret	1-Year	3-Year	5-Year	10-Year	Since Incept	1-Year	5-Year	10-Year	Since Incept	Incept Date
	16.40	17.39	7.61	10.33	-	6.25	5.55	9.96	-	4.98	2/2008
Benchmark: S&P Target Date 2055 Index	14.33	16.94	8.47	11.19	5.49	-	9.94	10.82	-	-	-
Benchmark: Morningstar Lifetime Moderate 2055 Index	14.57	16.46	7.47	10.04	5.51	-	10.90	9.79	5.27	5.57	-

Description: The investment seeks a total return consisting of long-term growth of capital and current income. The fund operates as a "target date fund" that invests according to an asset allocation strategy designed for investors having a retirement investment goal close to the year in 2055. It is a fund of funds and invests in underlying funds of Principal Funds, Inc. ("PFI"). Its underlying funds consist of domestic and foreign equity funds, fixed-income funds, real asset funds, and other funds that aim to offer diversification beyond traditional equity and fixed-income securities.

Composition (% of Assets) as of 08/31/2017				Fees & Expenses			# of Transfers Allowed/Time Period				
Cash	0.45	U.S. Stocks	58.41	Total Inv Exp Net %			0.91	1/30 day period			
Non-U.S. Stocks	33.49	Non-U.S. Bonds	0.93	Contractual Cap Expiration Date			N/A				
Convertibles	0.05	Preferred	0.09	Waiver Expiration Date			N/A				
U.S. Bonds	6.38	Other	0.20	Total Inv Exp Gross %			0.91				
				Total Inv Exp Gross Per \$1,000 Invested			\$9.10				
				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 2060 Separate Account A,17,18,20,25,26,36,42,43,F	(as of 09/30/2017 quarter end)						(as of 12/31/2016 year end)				
	YTD Ret	1-Year	3-Year	5-Year	10-Year	Since Incept	1-Year	5-Year	10-Year	Since Incept	Incept Date
	16.43	17.35	7.56	-	-	9.85	5.52	-	-	7.54	3/2013
Benchmark: S&P Target Date 2060+ Index	14.49	17.24	8.52	11.22	-	-	10.08	10.82	-	-	-
Benchmark: Morningstar Lifetime Moderate 2060 Index	14.67	16.48	7.39	9.90	5.50	-	10.88	9.64	5.29	7.19	-

Description: The investment seeks a total return consisting of long-term growth of capital and current income. The fund operates as a "target date fund" that invests according to an asset allocation strategy designed for investors having a retirement investment goal close to the year in the fund's name. It is a fund of funds and invests in underlying funds of Principal Funds, Inc. ("PFI"). Its underlying funds consist of domestic and foreign equity funds, fixed-income funds, real asset funds, and other funds that aim to offer diversification beyond traditional equity and fixed-income securities.

Composition (% of Assets) as of 08/31/2017				Fees & Expenses			# of Transfers Allowed/Time Period				
Cash	0.49	U.S. Stocks	58.54	Total Inv Exp Net %			0.93	1/30 day period			
Non-U.S. Stocks	33.87	Non-U.S. Bonds	0.86	Contractual Cap Expiration Date			02/28/2018				
Convertibles	0.04	Preferred	0.08	Waiver Expiration Date			02/28/2018				
U.S. Bonds	5.92	Other	0.20	Total Inv Exp Gross %			0.93				
				Total Inv Exp Gross Per \$1,000 Invested			\$9.30				
				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: **BlackRock Advisors, LLC**

Investment Option Name	Average Annual Total Return										
BlackRock Equity Dividend Investor A Fund ²⁹	(as of 09/30/2017 quarter end)						(as of 12/31/2016 year end)				
	YTD Ret	1-Year	3-Year	5-Year	10-Year	Since Incept	1-Year	5-Year	10-Year	Since Incept	Incept Date
	10.54	20.16	9.99	11.65	6.48	10.13	16.00	11.89	6.97	9.99	10/1994
Benchmark: Russell 1000 Value Index	7.92	15.12	8.53	13.20	5.92	-	17.34	14.80	5.72	-	-

Description: The investment seeks long-term total return and current income. The fund seeks to achieve its objective by investing primarily in a diversified portfolio of equity securities. Under normal circumstances, it will invest at least 80% of its assets in equity securities and at least 80% of its assets in dividend paying securities. The fund may invest in securities of companies with any market capitalization, but will generally focus on large cap securities. It may also invest in convertible securities and non-convertible preferred stock. The fund may invest up to 25% of its total assets in securities of foreign issuers.

Composition (% of Assets) as of 08/31/2017				Fees & Expenses			# of Transfers Allowed/Time Period				
Cash	5.06	U.S. Stocks	78.50	Total Inv Exp Net %			0.97	-			
Non-U.S. Stocks	16.44				Contractual Cap Expiration Date			N/A			
				Waiver Expiration Date			N/A				
				Total Inv Exp Gross %			0.97				
				Total Inv Exp Gross Per \$1,000 Invested			\$9.70				
				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: **Principal Global Investors**

Investment Option Name	Average Annual Total Return										
LargeCap Value Separate Account A,43,F	(as of 09/30/2017 quarter end)						(as of 12/31/2016 year end)				
	YTD Ret	1-Year	3-Year	5-Year	10-Year	Since Incept	1-Year	5-Year	10-Year	Since Incept	Incept Date
	9.03	15.19	6.70	11.32	4.99	7.61	7.98	12.73	4.62	7.45	6/1995
Benchmark: Russell 1000 Value Index	7.92	15.12	8.53	13.20	5.92	-	17.34	14.80	5.72	-	-

Description: The investment option normally invests the majority of assets in companies with large market capitalizations at the time of purchase. Management selects investments primarily on the basis of fundamental security analysis, focusing on the company's financial stability, sales, earnings, dividend trends, return on equity and industry trends. It may invest up to 25% of assets in foreign securities.

Composition (% of Assets) as of 08/31/2017				Fees & Expenses			# of Transfers Allowed/Time Period				
U.S. Stocks	99.27	Other	0.73	Total Inv Exp Net %			0.61				
				Contractual Cap Expiration Date			N/A				
				Waiver Expiration Date			N/A				
				Total Inv Exp Gross %			0.61				
				Total Inv Exp Gross Per \$1,000 Invested			\$6.10				
				Redemption Fee			-				

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

Investment Option Name	Average Annual Total Return										
LargeCap S&P 500 Index Separate Account A,2,10,31,43,F	(as of 09/30/2017 quarter end)						(as of 12/31/2016 year end)				
	YTD Ret	1-Year	3-Year	5-Year	10-Year	Since Incept	1-Year	5-Year	10-Year	Since Incept	Incept Date
	13.95	18.21	10.44	13.83	7.10	9.28	11.60	14.27	6.61	9.02	1/1990
Benchmark: Standard & Poor's 500 Index	14.24	18.61	10.81	14.22	7.44	-	11.96	14.66	6.95	-	-

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 08/31/2017				Fees & Expenses			# of Transfers Allowed/Time Period				
Cash	3.55	U.S. Stocks	95.59	Total Inv Exp Net %			0.31				
				Contractual Cap Expiration Date			N/A				
				Waiver Expiration Date			N/A				
				Total Inv Exp Gross %			0.31				
				Total Inv Exp Gross Per \$1,000 Invested			\$3.10				
				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 Growth**Inv Manager or Sub-Advisor: **Columbus Circle Investors**

Investment Option Name	Average Annual Total Return										
LargeCap Growth Separate Account A,43,F	(as of 09/30/2017 quarter end)						(as of 12/31/2016 year end)				
	YTD Ret	1-Year	3-Year	5-Year	10-Year	Since Incept	1-Year	5-Year	10-Year	Since Incept	Incept Date
	25.15	18.76	8.74	13.02	6.45	7.75	-4.99	11.77	5.87	6.91	6/1995
Benchmark: Russell 1000 Growth Index	20.72	21.94	12.69	15.26	9.08	-	7.08	14.50	8.33	-	-

Description: The investment option primarily invests in common stocks of large capitalization companies with strong earnings growth potential. It normally invests the majority of assets in companies with large market capitalizations at the time of purchase. Management places strong emphasis on companies it believes are guided by high quality management teams. It also attempts to identify those companies that are market leaders possessing the ability to control pricing and margins in their respective industries. It may invest up to 25% of assets in foreign securities.

Composition (% of Assets) as of 08/31/2017				Fees & Expenses		# of Transfers Allowed/Time Period
Cash	2.51	U.S. Stocks	93.92	Total Inv Exp Net %	0.71	1/30 day period
Non-U.S. Stocks	3.57			Contractual Cap Expiration Date	N/A	
				Waiver Expiration Date	N/A	
				Total Inv Exp Gross %	0.71	
				Total Inv Exp Gross Per \$1,000 Invested	\$7.10	
				Redemption Fee	-	

Inv Manager or Sub-Advisor: **T. Rowe Price/Brown Advisory**

Investment Option Name	Average Annual Total Return										
LargeCap Growth I Separate Account A,3,23,44,F	(as of 09/30/2017 quarter end)						(as of 12/31/2016 year end)				
	YTD Ret	1-Year	3-Year	5-Year	10-Year	Since Incept	1-Year	5-Year	10-Year	Since Incept	Incept Date
	24.04	22.64	12.28	14.67	9.15	5.80	0.82	13.40	8.09	4.66	12/2000
Benchmark: Russell 1000 Growth Index	20.72	21.94	12.69	15.26	9.08	-	7.08	14.50	8.33	-	-

Description: The investment seeks long-term growth of capital. The fund normally invests at least 80% of its net assets, plus any borrowings for investment purposes, in equity securities of companies with large market capitalizations at the time of purchase. It invests in growth equity securities; growth orientation emphasizes buying equity securities of companies whose potential for growth of capital and earnings is expected to be above average.

Composition (% of Assets) as of 08/31/2017				Fees & Expenses		# of Transfers Allowed/Time Period
Cash	-0.13	U.S. Stocks	93.87	Total Inv Exp Net %	0.76	1/30 day period
Non-U.S. Stocks	5.69	Preferred	0.52	Contractual Cap Expiration Date	06/30/2018	
Other	0.05			Waiver Expiration Date	06/30/2018	
				Total Inv Exp Gross %	1.48	
				Total Inv Exp Gross Per \$1,000 Invested	\$14.80	
				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: **LA Capital Mgmt/Victory**

Investment Option Name	Average Annual Total Return										
MidCap Value I Separate Account A,1,3,23,39,44,F	(as of 09/30/2017 quarter end)						(as of 12/31/2016 year end)				
	YTD Ret	1-Year	3-Year	5-Year	10-Year	Since Incept	1-Year	5-Year	10-Year	Since Incept	Incept Date
	8.33	14.04	7.04	12.60	7.32	8.58	15.07	13.67	7.07	8.47	7/1999
Benchmark: Russell Midcap Value Index	7.43	13.37	9.19	14.33	7.85	-	20.00	15.70	7.59	-	-

Description: The investment seeks long-term growth of capital. Under normal circumstances, the fund invests at least 80% of its net assets, plus any borrowings for investment purposes, in equity securities of companies with medium market capitalizations at the time of purchase. It invests in value equity securities, an investment strategy that emphasizes buying equity securities that appear to be undervalued. The fund also invests in real estate investment trusts, and actively trades portfolio securities.

Composition (% of Assets) as of 08/31/2017				Fees & Expenses		# of Transfers Allowed/Time Period
Cash	-0.10	U.S. Stocks	98.49	Total Inv Exp Net %	1.07	1/30 day period
Non-U.S. Stocks	1.61			Contractual Cap Expiration Date	02/28/2018	
				Waiver Expiration Date	02/28/2018	
				Total Inv Exp Gross %	1.19	
				Total Inv Exp Gross Per \$1,000 Invested	\$11.90	
				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,1,2,12,31,43,F	(as of 09/30/2017 quarter end)						(as of 12/31/2016 year end)				
	YTD Ret	1-Year	3-Year	5-Year	10-Year	Since Incept	1-Year	5-Year	10-Year	Since Incept	Incept Date
	9.13	17.12	10.79	14.02	8.62	9.73	20.29	14.91	8.78	9.62	8/1999
Benchmark: Standard & Poor's 400 MidCap Stock Index	9.40	17.52	11.18	14.43	9.00	-	20.74	15.33	9.16	-	-

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 08/31/2017				Fees & Expenses		# of Transfers Allowed/Time Period
Cash	3.73	U.S. Stocks	95.60	Total Inv Exp Net %	0.31	1/30 day period
Non-U.S. Stocks	0.67			Contractual Cap Expiration Date	N/A	
				Waiver Expiration Date	N/A	
				Total Inv Exp Gross %	0.31	
				Total Inv Exp Gross Per \$1,000 Invested	\$3.10	
				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: **Mid Cap Growth**Inv Manager or Sub-Advisor: **Principal Global Investors**

Investment Option Name	Average Annual Total Return										
MidCap Separate Account A,1,32,33,43,F	(as of 09/30/2017 quarter end)						(as of 12/31/2016 year end)				
	YTD Ret	1-Year	3-Year	5-Year	10-Year	Since Incept	1-Year	5-Year	10-Year	Since Incept	Incept Date
	19.42	20.43	12.52	15.69	10.56	12.18	10.06	14.88	9.83	11.79	1/1991
Benchmark: Russell Midcap Index	11.74	15.32	9.54	14.26	8.08	-	13.80	14.72	7.86	-	-

Description: The investment option invests primarily in common stocks and other equity securities of medium capitalization companies. It normally invests the majority of assets in companies with market capitalizations similar to those companies in the Russell MidCap Index. Management's securities selection is based on stocks with value and/or growth characteristics, and management constructs an investment portfolio that has a blend of stocks with these characteristics. It may invest up to 25% of assets in foreign securities.

Composition (% of Assets) as of 08/31/2017				Fees & Expenses		# of Transfers Allowed/Time Period
U.S. Stocks	86.86	Non-U.S. Stocks	12.49	Total Inv Exp Net %	0.81	1/30 day period
Other	0.65			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	-	

Investment Category: **Small Value**Inv Manager or Sub-Advisor: **DFA/Vaughan Nelson/LA Capital**

Investment Option Name	Average Annual Total Return										
SmallCap Value II Separate Account A,1,3,23,44,F	(as of 09/30/2017 quarter end)						(as of 12/31/2016 year end)				
	YTD Ret	1-Year	3-Year	5-Year	10-Year	Since Incept	1-Year	5-Year	10-Year	Since Incept	Incept Date
	3.69	16.22	10.34	13.62	7.04	8.38	25.08	15.70	6.48	8.59	6/2004
Benchmark: Russell 2000 Value Index	5.68	20.55	12.12	13.27	7.14	-	31.74	15.07	6.26	-	-

Description: The investment seeks long-term growth of capital. Under normal circumstances, the fund invests at least 80% of its net assets, plus any borrowings for investment purposes, in equity securities of companies with small market capitalizations at the time of purchase. It invests in value equity securities, an investment strategy that emphasizes buying equity securities that appear to be undervalued. The fund also invests in real estate investment trusts ("REITs").

Composition (% of Assets) as of 08/31/2017				Fees & Expenses		# of Transfers Allowed/Time Period
Cash	-0.10	U.S. Stocks	98.81	Total Inv Exp Net %	1.20	1/30 day period
Non-U.S. Stocks	1.29			Contractual Cap Expiration Date	06/30/2018	
				Waiver Expiration Date	06/30/2018	
				Total Inv Exp Gross %	3.27	
				Total Inv Exp Gross Per \$1,000 Invested	\$32.70	
				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: **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,1,2,11,31,43,F	(as of 09/30/2017 quarter end)						(as of 12/31/2016 year end)				
	YTD Ret	1-Year	3-Year	5-Year	10-Year	Since Incept	1-Year	5-Year	10-Year	Since Incept	Incept Date
	8.78	20.76	13.72	15.22	8.95	10.20	26.12	16.21	8.71	10.12	8/1999
Benchmark: Standard & Poor's 600 Stock Index	8.92	21.05	14.07	15.60	9.27	-	26.56	16.62	9.03	-	-

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 08/31/2017				Fees & Expenses		# of Transfers Allowed/Time Period
Cash	1.99	U.S. Stocks	97.62	Total Inv Exp Net %	0.31	1/30 day period
Non-U.S. Stocks	0.39			Contractual Cap Expiration Date	N/A	
				Waiver Expiration Date	N/A	
				Total Inv Exp Gross %	0.31	
				Total Inv Exp Gross Per \$1,000 Invested	\$3.10	
				Redemption Fee	-	

Investment Category: **Small Growth**Inv Manager or Sub-Advisor: **AB/Brown/Emerald**

Investment Option Name	Average Annual Total Return										
SmallCap Growth I Separate Account A,1,3,23,40,44,F	(as of 09/30/2017 quarter end)						(as of 12/31/2016 year end)				
	YTD Ret	1-Year	3-Year	5-Year	10-Year	Since Incept	1-Year	5-Year	10-Year	Since Incept	Incept Date
	19.73	22.32	12.27	13.75	8.55	6.01	9.08	12.79	8.26	5.11	12/2000
Benchmark: Russell 2000 Growth Index	16.81	20.98	12.17	14.28	8.47	-	11.32	13.74	7.76	-	-

Description: The investment seeks long-term growth of capital. Under normal circumstances, the fund invests at least 80% of its net assets, plus any borrowings for investment purposes, in equity securities of companies with small market capitalizations at the time of purchase. For this fund, companies with small market capitalizations are those with market capitalizations equal to or smaller than the greater of: 1) \$6.0 billion or 2) the highest market capitalization of the companies comprising the Russell 2000(R) Growth Index (as of December 31, 2016, the range was between approximately \$20.4 million and \$10.3 billion).

Composition (% of Assets) as of 08/31/2017				Fees & Expenses		# of Transfers Allowed/Time Period
Cash	-0.16	U.S. Stocks	98.57	Total Inv Exp Net %	1.19	1/30 day period
Non-U.S. Stocks	1.59			Contractual Cap Expiration Date	06/30/2018	
				Waiver Expiration Date	06/30/2018	
				Total Inv Exp Gross %	10.76	
				Total Inv Exp Gross Per \$1,000 Invested	\$107.60	
				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: **Principal Global Investors**

Investment Option Name	Average Annual Total Return										
International Emerging Markets Sep Acct A,4,43,F	(as of 09/30/2017 quarter end)						(as of 12/31/2016 year end)				
	YTD Ret	1-Year	3-Year	5-Year	10-Year	Since Incept	1-Year	5-Year	10-Year	Since Incept	Incept Date
	32.94	26.19	5.90	3.97	0.58	8.63	8.13	0.58	0.86	7.54	1/1995
Benchmark: MSCI Emerging Markets NR Index	27.78	22.46	4.90	3.99	1.32	-	11.19	1.28	1.84	-	-

Description: The investment option normally invests the majority of assets in equities of companies in emerging market countries. It invests in securities of companies with their principal place of business or principal office in emerging market countries; companies for which the principal securities trade in an emerging market; or companies, regardless of where their securities are traded, that derive 50% of their total revenue from either goods or services produced in emerging market countries. The fund may invest in securities of companies with small to medium market capitalizations.

Composition (% of Assets) as of 08/31/2017				Fees & Expenses		# of Transfers Allowed/Time Period
Cash	1.66	Non-U.S. Stocks	97.04	Total Inv Exp Net %	1.51	1/30 day period
Other	1.31			Contractual Cap Expiration Date	N/A	
				Waiver Expiration Date	N/A	
				Total Inv Exp Gross %	1.51	
				Total Inv Exp Gross Per \$1,000 Invested	\$15.10	
				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,4,43,F	(as of 09/30/2017 quarter end)						(as of 12/31/2016 year end)				
	YTD Ret	1-Year	3-Year	5-Year	10-Year	Since Incept	1-Year	5-Year	10-Year	Since Incept	Incept Date
	24.54	20.03	6.39	8.74	1.58	7.43	0.30	6.35	1.05	6.83	5/1987
Benchmark: MSCI ACWI Ex USA Index	21.13	19.61	4.70	6.97	1.28	-	4.50	5.00	0.96	-	-

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 08/31/2017				Fees & Expenses			# of Transfers Allowed/Time Period				
Cash	1.76	U.S. Stocks	2.95	Total Inv Exp Net %			1.06	1/30 day period			
Non-U.S. Stocks	93.45	Other	1.85	Contractual Cap Expiration Date			N/A				
				Waiver Expiration Date			N/A				
				Total Inv Exp Gross %			1.06				
				Total Inv Exp Gross Per \$1,000 Invested			\$10.60				
				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: **Origin Asset Management LLP**

Investment Option Name	Average Annual Total Return										
	(as of 09/30/2017 quarter end)						(as of 12/31/2016 year end)				
	YTD Ret	1-Year	3-Year	5-Year	10-Year	Since Incept	1-Year	5-Year	10-Year	Since Incept	Incept Date
	30.39	21.39	7.88	10.29	1.79	4.65	-4.83	6.86	0.54	3.28	7/1999
Benchmark: MSCI ACWI Ex USA Index	21.13	19.61	4.70	6.97	1.28	-	4.50	5.00	0.96	-	-

Description: The investment seeks long-term growth of capital. The fund invests primarily in foreign equity securities. Usually, the fund's investments are diversified across many different countries and regions, including countries with emerging markets. It typically invests in foreign securities of at least ten countries. The fund invests in equity securities of small, medium, and large market capitalization companies. It invests in value equity securities, an investment strategy that emphasizes buying equity securities that appear to be undervalued.

Composition (% of Assets) as of 08/31/2017				Fees & Expenses		# of Transfers Allowed/Time Period	
Cash	0.19	U.S. Stocks	0.51	Total Inv Exp Net %	1.09	1/30 day period	
Non-U.S. Stocks	98.75	Other	0.56	Contractual Cap Expiration Date	06/30/2018		
				Waiver Expiration Date	06/30/2018		
				Total Inv Exp Gross %	177.39		
				Total Inv Exp Gross Per \$1,000 Invested	\$1,773.90		
				Redemption Fee	-		

Asset Class: Short-Term Fixed Income

Investment Option Name: **Guaranteed Interest Account 3 year**

Description: This investment option provides a guaranteed interest rate for 3 years. Guarantees are supported by the General Account of Principal Life Insurance Company (Principal Life), but you do not participate in the investment experience or performance of the General Account. Contributions and transfers allocated to this option will be credited interest at a guaranteed rate that Principal Life declares for a set period of time (the Guarantee Period). Guaranteed interest rates for new allocations are subject to change daily, and each amount allocated to the guaranteed interest account will earn interest based on this guaranteed interest rate in effect for the date that the amount is allocated to this guaranteed interest account. Your actual interest credited after the first deposit year is a composite of the guaranteed rates based on the actual dates of deposit, withdrawals and transfers. A surrender charge may apply to transfers or withdrawals from an unmatured guaranteed interest account. The reference rate used to determine if a charge applies is equal to the applicable fixed U.S. Treasury rate plus 0.50%. A charge applies when the reference rate is higher than the rate being credited to the unmatured funds being transferred or withdrawn. The amount of the surrender charge is calculated as follows: 1) the applicable fixed U.S. Treasury Rate plus 0.50% minus the rate being credited, multiplied by 2) the number of years and fractional parts of a year left in the guarantee period, multiplied by 3) the amount being surrendered. A surrender charge may not apply to withdrawals due to retirement, termination of employment, disability or death. 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. Crediting Rates shown are the rates that would have been received if \$1.00 was allocated on the date shown.

Crediting Rate	Crediting Period	Term
3-Year Full Rate: 0.65	Guarantee Period: 09/30/2017	3 years
3-Year Full Rate: 0.50	Guarantee Period: 06/30/2017	3 years
3-Year Full Rate: 0.20	Guarantee Period: 09/30/2016	3 years

Asset Class: Short-Term Fixed Income**Investment Option Name: Guaranteed Interest Account 5 year**

Description: This investment option provides a guaranteed interest rate for 5 years. Guarantees are supported by the General Account of Principal Life Insurance Company (Principal Life), but you do not participate in the investment experience or performance of the General Account. Contributions and transfers allocated to this option will be credited interest at a guaranteed rate that Principal Life declares for a set period of time (the Guarantee Period). Guaranteed interest rates for new allocations are subject to change daily, and each amount allocated to the guaranteed interest account will earn interest based on this guaranteed interest rate in effect for the date that the amount is allocated to this guaranteed interest account. Your actual interest credited after the first deposit year is a composite of the guaranteed rates based on the actual dates of deposit, withdrawals and transfers. A surrender charge may apply to transfers or withdrawals from an unmatured guaranteed interest account. The reference rate used to determine if a charge applies is equal to the applicable fixed U.S. Treasury rate plus 0.50%. A charge applies when the reference rate is higher than the rate being credited to the unmatured funds being transferred or withdrawn. The amount of the surrender charge is calculated as follows: 1) the applicable fixed U.S. Treasury Rate plus 0.50% minus the rate being credited, multiplied by 2) the number of years and fractional parts of a year left in the guarantee period, multiplied by 3) the amount being surrendered. A surrender charge may not apply to withdrawals due to retirement, termination of employment, disability or death. 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. Crediting Rates shown are the rates that would have been received if \$1.00 was allocated on the date shown.

Crediting Rate	Crediting Period	Term
5-Year Full Rate: 1.00	Guarantee Period: 09/30/2017	5 years
5-Year Full Rate: 0.85	Guarantee Period: 06/30/2017	5 years
5-Year Full Rate: 0.45	Guarantee Period: 09/30/2016	5 years

Investors should carefully consider a mutual fund's investment objectives, risks, charges, and expenses prior to investing. A prospectus, or summary prospectus if available, containing this and other information can be obtained by contacting a financial professional, visiting principal.com, or calling 1-800-547-7754. Read the prospectus carefully before investing.

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.

The value of the investment options will fluctuate so that when redeemed, shares or units may be worth more or less than the original cost.

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.

^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.

2016 Morningstar, Inc. All Rights Reserved. Part of the mutual fund data contained herein: (1) is proprietary to Morningstar and/or its content providers; (2) may not be copied or distributed; and (3) is not warranted to be accurate, complete, or timely. Neither Morningstar nor its content providers are responsible for any damages or losses arising from any use of this information.

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 Liquid asset investment options are not insured or guaranteed by the Federal Deposit Insurance Corporation (FDIC), or any other government agency. Although the investment option may seek to preserve the value of an investment, it is possible to lose money by investing in the portfolio.
- ⁶ The Separate Account invests in a mutual fund only. Performance results and investment expenses shown prior to December 31, 1999, are of the mutual fund only because the Separate Account was not available. Any present or past investment expenses charged by The Principal would have reduced the illustrated performance results. 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.
- ⁷ This Separate Account invests in class Adv shares of the underlying mutual fund. Performance prior to the inception date of December 31, 1999, for class Adv shares is that of class Inv shares. The expense ratio of the class Inv share was .25% less than that of the class Adv share.
- ⁸ The Separate Account invests in a mutual fund only. Performance results and investment expenses shown prior to July 1, 1999, are of the mutual fund only because the Separate Account was not available. Any present or past investment expenses charged by The Principal would have reduced the illustrated performance results. 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 expenses, see the prospectus of the fund.
- ⁹ This Separate Account invests in class Adv shares of the underlying mutual fund. Performance prior to the inception date of October 2, 1996, for class Adv shares is that of class Inv shares. The expense ratio of the class Inv share was .25% less than that of the class Adv.
- ¹⁰ 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.
- ¹¹ 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.
- ¹² 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.
- ¹³ Effective December 17, 2001, this Separate Account invests in class K shares of the underlying mutual fund. Prior to December 17, 2001, this Separate Account invested in the Investors share class of the underlying fund. Beginning December 17, 2001, the expense ratio of K shares of the underlying fund will be reflected in the performance of the Separate Account.

- ¹⁴ 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.
- ¹⁵ Effective October 15, 2004, the name of the underlying mutual fund in which this Separate Account invests changed from INVESCO Leisure Fund to AIM Leisure Fund. However, the name of the Separate Account will not change.
- ¹⁶ Effective October 15, 2004, the name of the underlying mutual fund in which this Separate Account invests changed from INVESCO Small Company Growth Fund to AIM Small Company Growth Fund. However, the name of the Separate Account will not change.
- ¹⁷ 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.
- ¹⁸ 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.
- ¹⁹ 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.
- ²⁰ Fixed-income and asset allocation investment options that invest in mortgage securities are subject to increased risk due to real estate exposure.
- ²¹ Effective January 21, 2009, this portfolio is sub-advised by Columbus Circle Investors. Prior to January 21, 2009, the portfolio was sub-advised by Mazama Capital Management and Columbus Circle Investors. The portfolio has had various sub-advisors since its inception. Performance results displayed reflect all sub-advisors managing this portfolio during the time periods displayed.
- ²² Effective April 1, 2009, this portfolio is sub-advised by Jacobs Levy. Prior to April 1, 2009, the portfolio was sub-advised by MacKay Shields and Jacobs Levy. The portfolio has had various sub-advisors since its inception. Performance results displayed reflect all sub-advisors managing this portfolio during the time periods displayed.
- ²³ This Separate Account invests solely in the least expensive share class of a mutual fund (Fund) from Principal Funds, Inc. The investment manager of the Fund, Principal Global Investors, invests between 10% and 40% of the Fund's assets in common stocks in an attempt to match or exceed the performance of the Fund's benchmark index for performance.
- ²⁴ Effective June 26, 2009, this portfolio is sub-advised by Emerald Advisors and Essex. Prior to June 26, 2009, the portfolio was sub-advised by UBS Global Asset Management, Emerald Advisors and Essex. The portfolio has had various sub-advisors since its inception. Performance results displayed reflect all sub-advisors managing this portfolio during the time periods displayed.
- ²⁵ 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.
- ²⁶ 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.
- ²⁷ This investment option is subject to investment and liquidity risk and other risks inherent in real estate such as those associated with general and local economic conditions. If you elect to contribute funds into the U.S. Property Separate Account, withdrawals may be delayed for up to 3 years.
- ²⁸ Effective June 27, 2011, this portfolio is sub-advised by TS&W and Herndon. Prior to June 27, 2011, the portfolio was sub-advised by UBS Global Asset Management and TS&W. The portfolio has had various sub-advisors since its inception. Performance results displayed reflect all sub-advisors managing this portfolio during the time periods displayed.
- ²⁹ 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.
- ³⁰ The net return experienced may be negative if the costs to maintain and operate the Liquid Assets Separate Account exceed returns. Participants may also see negative returns if plan expenses, if applicable, are netted or deducted from their accounts.
- ³¹ 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.
- ³² Formerly known as MidCap Blend Separate Account.
- ³³ This investment option has closed to new investors, effective June 14, 2013. Retirement plans in transition will have until August 15, 2013 to direct assets to the investment option. Existing investors and participants in retirement plans using the investment option may continue to make purchases and elect to use the investment option.
- ³⁴ Effective June 3, 2014, this portfolio is sub-advised by Origin Asset Management. Prior to June 3, 2014, this portfolio was sub-advised by Fidelity and Schroders. The portfolio has had various sub-advisors since its inception. Performance results displayed reflect all sub-advisors managing this portfolio during the time periods displayed.

- ³⁵ Effective December 30, 2014, this portfolio is sub-advised by American Century and Sawgrass Asset Management. Prior to December 30, 2014, the portfolio was sub-advised by American Century and Montag & Caldwell. The portfolio has had various sub-advisors since its inception. Performance results displayed reflect all sub-advisors managing this portfolio during the time periods displayed.
- ³⁶ International and global investing involves greater risks such as currency fluctuations, political/social instability and differing accounting standards.
- ³⁷ Formerly known as SmallCap Blend Separate Account.
- ³⁸ Formerly known as Bond and Mortgage Separate Account.
- ³⁹ Effective June 30, 2016, this portfolio is sub-advised by LA Capital and Victory Capital. Prior to June 30, 2016, the portfolio was sub-advised by Goldman Sachs and LA Capital. The portfolio has had various sub-advisors since its inception. Performance results displayed reflect all sub-advisors managing this portfolio during the time periods displayed.
- ⁴⁰ Effective September 30, 2016, this portfolio is sub-advised by AB LP, Brown Advisory and Emerald Advisors, Inc. Prior to September 30, 2016, the portfolio was sub-advised by AB LP, Brown Advisory, Emerald Advisors, Inc. and Columbus Circle Investors. The portfolio has had various sub-advisors since its inception. Performance results displayed reflect all sub-advisors managing this portfolio during the time periods displayed.
- ⁴¹ Prior to January 1, 2017, the name of this investment option was Principal Money Market Separate Account.
- ⁴² This Separate Account invests directly in the Institutional class shares of a Principal LifeTime Fund. The mutual fund operating expenses for each Principal LifeTime Fund are reflected in the Total Investment Expense of the Separate Accounts well as the operating expenses of the underlying funds in which the Principal LifeTime Fund invests. Based on the asset allocation of the Principal LifeTime Funds as in the prospectus dated March 1, 2017, the weighted average operating expenses of the underlying funds are: Principal LifeTime Strategic Income, 0.61%; Principal LifeTime 2010, 0.65%; Principal LifeTime 2015, 0.67%; Principal LifeTime 2020, 0.70%; Principal LifeTime 2025, 0.72%; Principal LifeTime 2030, 0.72%; Principal LifeTime 2035, 0.68%; Principal LifeTime 2040, 0.70%; Principal LifeTime 2045, 0.71%; Principal LifeTime 2050, 0.72%; Principal LifeTime 2055, 0.72%; Principal LifeTime 2060, 0.73%. For further information on all mutual fund expenses, see the prospectus of the underlying Principal LifeTime Fund. 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.
- ⁴³ 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.
- ⁴⁴ Investment manager/sub-advisor means either the Investment Advisor or Sub-Advisor to the investment option or the underlying asset(s).
- ⁴⁵ 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. Edge Asset Management is an internal investment boutique of Principal Global Investors.
- ⁴⁶ Effective June 30, 2017, this portfolio is sub-advised by Robert Baird and Eagle Asset Management. Prior to June 30, 2017, the portfolio was sub-advised by Robert Baird and William Blair. The portfolio has had various sub-advisors since its inception. Performance results displayed reflect all sub-advisors managing this portfolio during the time periods displayed.
- ^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.
- ^Q NFI-ODCE Equal-Weight-Benchmark is published by the National Council of Real Estate Investment Fiduciaries (NCREIF). Regarding quarter end information, dashes will appear for periods of time after a quarter end but prior to NCREIF publication of the NFI-ODCE Equal-Weight Benchmark. The most current year end information as published by NCREIF is presented. For periods of time after year end but prior to NCREIF publication, data may be for the preceding year. For the most up to date information visit principal.com or call 1-800-547-7754.
- ⁻⁻ 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 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.

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 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.

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.

NFI-ODCE Equal-Weight is the NCREIF Fund Index - Open End Diversified Core Equity. It is a fund-level equal-weighted, time-weighted return index and includes property investments at ownership share, cash balances and leverage. The return series is net of the average fee charged by accounts that make up the index.

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.

Bloomberg Barclays Treasury Bellwethers 3 Month Index is composed of public obligations of the U. S. Treasury with a maturity of three months.

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.

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.

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.

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.

Bloomberg Barclays Credit 1-3 Years Index is composed of publicly issued U.S. corporate and specified foreign debentures and secured notes that meet the specified maturity, liquidity, and quality requirements. To qualify, bonds must be SEC-registered.

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.

Russell Midcap Index includes firms 201 through 1000, based on market capitalization, from the Russell 3000 Index.

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 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.

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.

t16083102t2