#### \*\*\*\*\*\* Summary of Accounts \*\*\*\*\*\*

Beginning Balance	\$57,767,731.56
Additions	4,066.92
Investment Return	81,122.45
Deductions	3,028,653.36
Ending Balance	\$54,824,267.57

\*\*\*\*\*\* Additional Contract Information \*\*\*\*\*\*\*

The investment value return based on total assets invested for this Contract from 07-01-18 to 02-01-19 was 0.14%.

Ending balances and itemized transactions for each account are listed on the following pages.

We prepared these reports carefully. Please review them and report any discrepancies to us within 60 days. After 60 days, corrections will be made on a current basis.



\*\*\*\*\*\* Ending Balance by Account \*\*\*\*\*\*\*

Asset Class Investment Advisor	Investment Option	
Large U.S. Equity		
Principal Global Investors	Equity Income Sep Acct-Z	6,601,267.72
Principal Global Investors	LargeCap Value Sep Acct-Z	0.00
Westwood / Barrow Hanley	LargeCap Value III Sep Acct-R6	0.00
Principal Global Investors	LargeCap S&P 500 Index SA-Z	2,795,381.18
Am Century/Sawgrass Asset Mgmt	LargeCap Growth II Sep Acct-R6	0.00
Columbus Circle Investors	LargeCap Growth Sep Acct-R6	0.00
Principal Global Investors	Blue Chip SA-R6	0.00
T. Rowe Price/Brown Advisory	LargeCap Growth I Sep Acct-Z	6,616,771.94
Small/Mid U.S. Equity		
LA Capital Mgmt/Victory	MidCap Value I Sep Acct-Z	955,596.19
Principal Global/Barrow Hanley	MidCap Value III Sep Acct-Z	0.00
Principal Global Investors	MidCap Separate Acct-R6	0.00
Robert Baird/Eagle Asset Mgmt	MidCap Growth III Sep Acct-Z	969,573.73
JP Morgan/Mellon Capital Mgmt	SmallCap Value I Sep Acct-R6	0.00
Vaughan Nelson/LA Capital/H&W	SmallCap Value II Sep Acct-Z	502,118.89
Principal Global Investors	SmallCap Separate Account-R6	0.00
AB/Brown/Emerald	SmallCap Growth I Sep Acct-Z	509,149.21
Emerald Advisers, LLC	SmallCap Growth II Sep Acct-R6	0.00
Principal Real Estate Inv	Real Estate Securities SA-R6	0.00
International Equity		
Principal Global Investors	Intl Emerging Markets SA-Z	2,077,092.81
Causeway / Barrow Hanley	Overseas Sep Acct-Z	6,522,383.12



\*\*\*\*\*\* Ending Balance by Account \*\*\*\*\*\*\*

Asset Class Investment Advisor	Investment Option	
Principal Global Investors	Diversified Intl Sep Acct-R6	0.00
Origin Asset Management LLP	International I Sep Acct-R6	0.00
Principal Global Investors	International Growth SA-R6	0.00
Principal Global Investors	Intl SmallCap Separate Acct-Z	1,512,758.00
Balanced/Asset Allocation		
Multiple Sub-Advisors	Diversified Real Asset SA-Z	1,105,192.71
Short-Term Fixed Income		
Principal Global Investors	Liquid Assets Separate Acct-Z	0.00
Fixed Income		
Neuberger Berman/Mellon/DDJ	High Yield I Separate Acct-Z	1,090,548.55
Mellon Investments Corp.	Bond Market Index Sep Acct-Z	8,335,662.03
Principal Global Investors	Core Plus Bond Separate Acct-Z	11,984,490.12
	General Investment	0.00
BlackRock Financial Mgmt, Inc.	Inflation Protection SA-R6	0.00
Principal Real Estate Inv	U.S. Property Sep Acct-Z	3,246,281.37
Spectrum	Preferred Securities SA-R6	0.00
Ending Balance		\$54,824,267.57



\*\*\*\*\*\* Ending Balance by Account \*\*\*\*\*\*

Asset Class Investment Advisor

**Investment Option** 

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

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 higher or lower than the original cost. Current performance may be higher or lower than the performance data shown. For more performance and investment option information, including most recent month-end performance, visit the Principal Sponsor Service Center<sup>™</sup> at www.principal.com, contact your representative of the Principal, or call our Client Contact Center at 1-800-547-7754.



#### **Principal Global Investors**

## \*\*\*\*\*\* Equity Income Separate Account-Z \*\*\*\*\*\*

Beginning Balance	\$7,048,566.73
Investment Return	194,953.63
Transfer In	44,975.38
Transfer Out	687,228.02
Ending Balance	\$6,601,267.72

The total return from 07-01-18 to 02-01-19 was 2.93%.



#### **Principal Global Investors**

## \*\*\*\*\*\* LargeCap S&P 500 Index Separate Account-Z \*\*\*\*\*\*\*

Beginning Balance	\$3,009,455.06
Investment Return	43,490.09
Transfer In	69,100.95
Transfer Out	326,664.92
Ending Balance	\$2,795,381.18

The total return from 07-01-18 to 02-01-19 was 1.54%.



#### T. Rowe Price/Brown Advisory

## \*\*\*\*\*\* LargeCap Growth I Separate Account-Z \*\*\*\*\*\*\*

Beginning Balance	\$7,233,274.04
Investment Return	167,226.06
Transfer In	97,431.94
Transfer Out	881,160.10
Ending Balance	\$6,616,771.94

The total return from 07-01-18 to 02-01-19 was 2.49%.



## LA Capital Mgmt/Victory

## \*\*\*\*\*\* MidCap Value I Separate Account-Z \*\*\*\*\*\*

Beginning Balance	\$0.00
Investment Return	-72,758.00
Transfer In	1,064,230.11
Transfer Out	35,875.92
Ending Balance	\$955,596.19

The total return from 08-28-18 to 02-01-19 was -7.29%.



# Principal Global/Barrow Hanley \*\*\*\*\*\* MidCap Value III Separate Account-Z \*\*\*\*\*\*\*

Ending Balance	\$0.00
Transfer Out	1,030,605.52
Investment Return	29,737.20
Beginning Balance	\$1,000,868.32

The total return from 07-01-18 to 08-28-18 was 2.97%.



# Robert Baird/Eagle Asset Mgmt \*\*\*\*\*\*\* MidCap Growth III Separate Account-Z \*\*\*\*\*\*\*\*

Beginning Balance	\$1,014,383.32
Investment Return	8,805.84
Transfer In	56,498.67
Transfer Out	110,114.10
Ending Balance	\$969,573.73

The total return from 07-01-18 to 02-01-19 was 0.92%.



# Vaughan Nelson/LA Capital/H&W \*\*\*\*\*\*\* SmallCap Value II Separate Account-Z \*\*\*\*\*\*\*\*

Beginning Balance	\$557,312.51
Investment Return	-38,073.40
Transfer In	29,401.74
Transfer Out	46,521.96
Ending Balance	\$502,118.89

The total return from 07-01-18 to 02-01-19 was -7.16%.



#### AB/Brown/Emerald

## \*\*\*\*\*\* SmallCap Growth I Separate Account-Z \*\*\*\*\*\*\*

Beginning Balance	\$564,962.86
Investment Return	-9,975.61
Transfer In	40,793.36
Transfer Out	86,631.40
Ending Balance	\$509,149.21

The total return from 07-01-18 to 02-01-19 was -1.93%.



#### **Principal Global Investors**

## \*\*\*\*\*\*\* International Emerging Markets Separate Account-Z \*\*\*\*\*\*\*

Beginning Balance	\$1,938,521.26
Investment Return	-163,627.32
Transfer In	302,853.46
Transfer Out	654.59
Ending Balance	\$2,077,092.81

The total return from 07-01-18 to 02-01-19 was -7.72%.



#### Causeway / Barrow Hanley

## \*\*\*\*\*\* Overseas Separate Account-Z \*\*\*\*\*\*\*

Ending Balance	\$6,522,383.12
Transfer Out	28,312.35
Transfer In	253,208.52
Investment Return	-477,793.63
Beginning Balance	\$6,775,280.58

The total return from 07-01-18 to 02-01-19 was -7.05%.



#### Principal Global Investors

## \*\*\*\*\*\*\* International SmallCap Separate Account-Z \*\*\*\*\*\*\*

Beginning Balance	\$1,544,932.76
Investment Return	-167,029.80
Transfer In	134,855.04
Ending Balance	\$1,512,758.00

The total return from 07-01-18 to 02-01-19 was -10.65%.



#### **Multiple Sub-Advisors**

## \*\*\*\*\*\* Diversified Real Asset Separate Account-Z \*\*\*\*\*\*\*

Beginning Balance	\$1,204,934.40
Investment Return	-31,774.64
Transfer Out	67,967.05
Ending Balance	\$1,105,192.71

The total return from 07-01-18 to 02-01-19 was -2.69%.



#### Neuberger Berman/Mellon/DDJ

## \*\*\*\*\*\* High Yield I Separate Account-Z \*\*\*\*\*\*

Beginning Balance	\$2,352,011.78
Investment Return	24,166.53
Transfer Out	1,285,629.76
Ending Balance	\$1,090,548.55

The total return from 07-01-18 to 02-01-19 was 1.09%.



#### **Mellon Investments Corp.**

## \*\*\*\*\*\* Bond Market Index Separate Account-Z \*\*\*\*\*\*\*

Beginning Balance	\$4,988,249.98
Investment Return	142,079.04
Transfer In	3,962,496.34
Benefit Payments	734,321.76
Expenses	22,841.57
Ending Balance	\$8,335,662.03

The total return from 07-01-18 to 02-01-19 was 2.74%.



#### **Principal Global Investors**

## \*\*\*\*\*\* Core Plus Bond Separate Account-Z \*\*\*\*\*\*

Beginning Balance	\$14,937,393.59
Investment Return	283,323.25
Transfer In	1,609,734.74
Transfer Out	2,578,538.35
Benefit Payments	2,202,965.32
Benefit Payments Credits	4,066.92
Expenses	68,524.71
Ending Balance	\$11,984,490.12

The total return from 07-01-18 to 02-01-19 was 1.95%.



#### Principal Real Estate Inv

## \*\*\*\*\*\*\* U.S. Property Separate Account-Z \*\*\*\*\*\*\*

Beginning Balance	\$3,597,584.37
Investment Return	148,373.21
Transfer Out	499,676.21
Ending Balance	\$3,246,281.37

The total return from 07-01-18 to 02-01-19 was 4.28%.



Transfers		
LA Capital Mgmt/Victory		
MidCap Value I Sep Acct-Z	08-28-18	1,030,605.52
Principal Global/Barrow Hanley		
MidCap Value III Sep Acct-Z	08-28-18	-1,030,605.52
Causeway / Barrow Hanley		
Overseas Sep Acct-Z	09-26-18	-28,312.35
Principal Global Investors		
Core Plus Bond Separate Acct-Z	09-26-18	1,609,734.74
Intl SmallCap Separate Acct-Z	09-26-18	24,676.94
Neuberger Berman/Mellon/DDJ		
High Yield I Separate Acct-Z	09-26-18	-67,221.95
Mellon Investments Corp.		
Bond Market Index Sep Acct-Z	09-26-18	555,355.98
LA Capital Mgmt/Victory		
MidCap Value I Sep Acct-Z	09-26-18	-35,875.92
Vaughan Nelson/LA Capital/H&W		
SmallCap Value II Sep Acct-Z	09-26-18	-46,521.96
Robert Baird/Eagle Asset Mgmt		
MidCap Growth III Sep Acct-Z	09-26-18	-110,114.10
Principal Global Investors		
Equity Income Sep Acct-Z	09-26-18	-687,228.02
Multiple Sub-Advisors		
Diversified Real Asset SA-Z	09-26-18	-38,895.92
Principal Real Estate Inv		
U.S. Property Sep Acct-Z	09-26-18	-183,994.48



Principal Global Investors		
Intl Emerging Markets SA-Z	09-26-18	302,853.46
AB/Brown/Emerald		
SmallCap Growth I Sep Acct-Z	09-26-18	-86,631.40
T. Rowe Price/Brown Advisory		
LargeCap Growth I Sep Acct-Z	09-26-18	-881,160.10
Principal Global Investors		
LargeCap S&P 500 Index SA-Z	09-26-18	-326,664.92
Intl SmallCap Separate Acct-Z	01-16-19	110,178.10
Multiple Sub-Advisors		
Diversified Real Asset SA-Z	01-16-19	-29,071.13
Mellon Investments Corp.		
Bond Market Index Sep Acct-Z	01-16-19	3,407,140.36
Principal Real Estate Inv		
U.S. Property Sep Acct-Z	01-16-19	-315,681.73
Principal Global Investors		
Core Plus Bond Separate Acct-Z	01-16-19	-2,578,538.35
Vaughan Nelson/LA Capital/H&W		
SmallCap Value II Sep Acct-Z	01-16-19	29,401.74
Principal Global Investors		
Intl Emerging Markets SA-Z	01-16-19	-654.59
Causeway / Barrow Hanley		
Overseas Sep Acct-Z	01-16-19	253,208.52
T. Rowe Price/Brown Advisory		
LargeCap Growth I Sep Acct-Z	01-16-19	97,431.94
Principal Global Investors		
LargeCap S&P 500 Index SA-Z	01-16-19	69,100.95
Equity Income Sep Acct-Z	01-16-19	44,975.38



Neuberger Berman/Mellon/DDJ		
High Yield I Separate Acct-Z	01-16-19	-1,218,407.81
Robert Baird/Eagle Asset Mgmt		
MidCap Growth III Sep Acct-Z	01-16-19	56,498.67
LA Capital Mgmt/Victory		
MidCap Value I Sep Acct-Z	01-16-19	33,624.59
AB/Brown/Emerald		
SmallCap Growth I Sep Acct-Z	01-16-19	40,793.36
Total		\$0.00
Expenses		
·		
Principal Global Investors	07.44.40	0.745.00
Core Plus Bond Separate Acct-Z	07-11-18	8,745.00
Mellon Investments Corp.	07.44.40	0.045.00
Bond Market Index Sep Acct-Z	07-11-18	2,915.00
Principal Global Investors	07.04.40	- 404
Core Plus Bond Separate Acct-Z	07-31-18	7,187.51
Mellon Investments Corp.		
Bond Market Index Sep Acct-Z	07-31-18	2,395.84
Principal Global Investors		
Core Plus Bond Separate Acct-Z	08-02-18	4,723.49
Mellon Investments Corp.		
Bond Market Index Sep Acct-Z	08-02-18	1,574.50
Principal Global Investors		
Core Plus Bond Separate Acct-Z	08-31-18	7,187.51
Mellon Investments Corp.		
Bond Market Index Sep Acct-Z	08-31-18	2,395.84



Principal Global Investors		
Core Plus Bond Separate Acct-Z	09-28-18	7,187.50
Mellon Investments Corp.		
Bond Market Index Sep Acct-Z	09-28-18	2,395.83
Principal Global Investors		
Core Plus Bond Separate Acct-Z	10-31-18	7,187.51
Mellon Investments Corp.		
Bond Market Index Sep Acct-Z	10-31-18	2,395.84
Principal Global Investors		
Core Plus Bond Separate Acct-Z	11-06-18	4,743.69
Mellon Investments Corp.		
Bond Market Index Sep Acct-Z	11-06-18	1,581.23
Principal Global Investors		
Core Plus Bond Separate Acct-Z	11-30-18	7,187.50
Mellon Investments Corp.		
Bond Market Index Sep Acct-Z	11-30-18	2,395.83
Principal Global Investors		
Core Plus Bond Separate Acct-Z	12-31-18	7,187.50
Mellon Investments Corp.		
Bond Market Index Sep Acct-Z	12-31-18	2,395.83
Principal Global Investors		
Core Plus Bond Separate Acct-Z	01-31-19	7,187.50
Mellon Investments Corp.		
Bond Market Index Sep Acct-Z	01-31-19	2,395.83
Total		\$91,366.28



Direct Fund Payments to Retirees		
Mellon Investments Corp.		
Bond Market Index Sep Acct-Z	07-01-18	91,825.76
Principal Global Investors		
Core Plus Bond Separate Acct-Z	07-01-18	275,477.28
Mellon Investments Corp.		
Bond Market Index Sep Acct-Z	07-13-18	3.10
Principal Global Investors		
Core Plus Bond Separate Acct-Z	07-13-18	9.30
Mellon Investments Corp.		
Bond Market Index Sep Acct-Z	08-01-18	91,062.06
Principal Global Investors		
Core Plus Bond Separate Acct-Z	08-01-18	273,186.18
Mellon Investments Corp.		
Bond Market Index Sep Acct-Z	08-13-18	3.10
Principal Global Investors		
Core Plus Bond Separate Acct-Z	08-13-18	9.30
Mellon Investments Corp.		
Bond Market Index Sep Acct-Z	08-16-18	1,687.14
Principal Global Investors		
Core Plus Bond Separate Acct-Z	08-16-18	5,061.42
Mellon Investments Corp.		
Bond Market Index Sep Acct-Z	08-18-18	30.37
Principal Global Investors		
Core Plus Bond Separate Acct-Z	08-18-18	91.11
Mellon Investments Corp.		
Bond Market Index Sep Acct-Z	09-01-18	91,649.76



Principal Global Investors		
Core Plus Bond Separate Acct-Z	09-01-18	274,949.30
Mellon Investments Corp.		
Bond Market Index Sep Acct-Z	09-13-18	3.10
Principal Global Investors		
Core Plus Bond Separate Acct-Z	09-13-18	9.30
Mellon Investments Corp.		
Bond Market Index Sep Acct-Z	10-01-18	91,649.76
Principal Global Investors		
Core Plus Bond Separate Acct-Z	10-01-18	274,949.30
Mellon Investments Corp.		
Bond Market Index Sep Acct-Z	10-13-18	3.10
Principal Global Investors		
Core Plus Bond Separate Acct-Z	10-13-18	9.30
Mellon Investments Corp.		
Bond Market Index Sep Acct-Z	11-01-18	91,559.11
Principal Global Investors		
Core Plus Bond Separate Acct-Z	11-01-18	274,677.32
Mellon Investments Corp.		
Bond Market Index Sep Acct-Z	11-13-18	3.10
Principal Global Investors		
Core Plus Bond Separate Acct-Z	11-13-18	9.30
Mellon Investments Corp.		
Bond Market Index Sep Acct-Z	12-01-18	91,543.38
Principal Global Investors		
Core Plus Bond Separate Acct-Z	12-01-18	274,630.14
Mellon Investments Corp.		
Bond Market Index Sep Acct-Z	12-13-18	3.10



Principal Global Investors		
Core Plus Bond Separate Acct-Z	12-13-18	9.30
Mellon Investments Corp.		
Bond Market Index Sep Acct-Z	01-01-19	91,543.38
Principal Global Investors		
Core Plus Bond Separate Acct-Z	01-01-19	274,630.14
Core Plus Bond Separate Acct-Z	01-13-19	9.30
Mellon Investments Corp.		
Bond Market Index Sep Acct-Z	01-13-19	3.10
Bond Market Index Sep Acct-Z	01-18-19	199.80
Principal Global Investors		
Core Plus Bond Separate Acct-Z	01-18-19	599.41
Mellon Investments Corp.		
Bond Market Index Sep Acct-Z	02-01-19	91,549.54
Principal Global Investors		
Core Plus Bond Separate Acct-Z	02-01-19	274,648.62
Total		\$2,937,287.08
Credit Direct Fund Payments to Retirees		
Principal Global Investors		
Core Plus Bond Separate Acct-Z	07-03-18	3,054.80
Core Plus Bond Separate Acct-Z	11-08-18	62.91
Core Plus Bond Separate Acct-Z	11-29-18	427.36
Core Plus Bond Separate Acct-Z	01-18-19	521.85
Total		\$4,066.92



## **Principal Global Investors**

\*\*\*\*\*\*\* International Emerging Markets Separate Account-Z Transaction Detail \*\*\*\*\*\*\*

	ID. No.	Unit Value	Units	Amount
Prior Year Ending Balan	ice			
06-30-18		71.6786317	27,044.618789680	\$1,938,521.26
Transfers				
09-26-18		68.6212307	4,413.407584075	\$302,853.46
01-16-19		63.5373522	10.302443796	-\$654.59
Total			4,403.105140279	\$302,198.87
Investment Return				-\$163,627.32
Ending Balance				
02-01-19		66.0490668	31,447.723929959	\$2,077,092.81



## Principal Real Estate Inv

\*\*\*\*\*\*\* U.S. Property Separate Account-Z Transaction Detail \*\*\*\*\*\*\*

	ID. No.	Unit Value	Units	Amount
Prior Year Ending Balan	ce			
06-30-18		128.0964437	28,084.966833964	\$3,597,584.37
Transfers				
09-26-18		131.2895990	1,401.439881006	-\$183,994.48
01-16-19		133.2602022	2,368.912284300	-\$315,681.73
Total			-3,770.352165306	-\$499,676.21
Investment Return				\$148,373.21
Ending Balance				
02-01-19		133.5115289	24,314.614668658	\$3,246,281.37



## Principal Global Investors

\*\*\*\*\*\*\* Core Plus Bond Separate Account-Z Transaction Detail \*\*\*\*\*\*\*

	ID. No.	Unit Value	Units	Amount
Prior Year Ending Balan	ce			
06-30-18		131.1779346	113,871.236339633	\$14,937,393.59
Transfers				
09-26-18		131.7665579	12,216.565156248	\$1,609,734.74
01-16-19		132.7166795	19,428.894391529	-\$2,578,538.35
		.020000		
Total			-7,212.329235281	-\$968,803.61
Expenses				
07-11-18		131.6902522	66.405826201	\$8,745.00
07-31-18		131.7174401	54.567641115	\$7,187.51
08-02-18		131.5901103	35.895478689	\$4,723.49
08-31-18		132.4391681	54.270274444	\$7,187.51
09-28-18		131.8625150	54.507530058	\$7,187.50
10-31-18		130.4312379	55.105740892	\$7,187.51
11-06-18		130.3139282	36.402018307	\$4,743.69
11-30-18		130.6182053	55.026785764	\$7,187.50
12-31-18		132.0517603	54.429414524	\$7,187.50
01-31-19		134.2193463	53.550402368	\$7,187.50
Total			520.161112362	\$68,524.71
Direct Fund Payments to Retirees				
07-01-18		131.1770360	2,100.041961612	\$275,477.28
07-13-18		131.9265436	0.070493774	\$9.30
08-01-18		131.5033075	2,077.409193681	\$273,186.18
08-13-18		132.1078369	0.070397034	\$9.30
08-16-18		132.2207952	38.280060200	\$5,061.42
08-18-18		132.2506209	0.688919260	\$91.11



09-01-18	132.4382609	2,076.056406445	\$274,949.30
09-13-18	132.0791744	0.070412311	\$9.30
10-01-18	131.7809443	2,086.411669460	\$274,949.30
10-13-18	131.0746270	0.070951947	\$9.30
11-01-18	130.5233065	2,104.431211294	\$274,677.32
11-13-18	130.5250690	0.071250680	\$9.30
12-01-18	130.6173106	2,102.555463272	\$274,630.14
12-13-18	131.4176857	0.070766730	\$9.30
01-01-19	132.0508558	2,079.730103498	\$274,630.14
01-13-19	132.7662725	0.070047910	\$9.30
01-18-19	132.7054630	4.516844947	\$599.41
02-01-19	133.9809986	2,049.907247071	\$274,648.62
Total		16,720.523401126	\$2,202,965.32
Total Credit Direct Fund Payments to Retirees		16,720.523401126	\$2,202,965.32
Credit Direct Fund Payments to	131.3005653	<b>16,720.523401126</b> 23.265703335	<b>\$2,202,965.32</b> \$3,054.80
Credit Direct Fund Payments to Retirees	131.3005653 130.3725075		
Credit Direct Fund Payments to Retirees 07-03-18		23.265703335	\$3,054.80
Credit Direct Fund Payments to Retirees 07-03-18 11-08-18	130.3725075	23.265703335 0.482540385	\$3,054.80 \$62.91
Credit Direct Fund Payments to Retirees 07-03-18 11-08-18 11-29-18	130.3725075 130.5211407	23.265703335 0.482540385 3.274258849	\$3,054.80 \$62.91 \$427.36
Credit Direct Fund Payments to Retirees 07-03-18 11-08-18 11-29-18 01-18-19	130.3725075 130.5211407	23.265703335 0.482540385 3.274258849 3.932392745	\$3,054.80 \$62.91 \$427.36 \$521.85
Credit Direct Fund Payments to Retirees  07-03-18  11-08-18  11-29-18  01-18-19  Total	130.3725075 130.5211407	23.265703335 0.482540385 3.274258849 3.932392745	\$3,054.80 \$62.91 \$427.36 \$521.85 \$4,066.92



## Neuberger Berman/Mellon/DDJ

\*\*\*\*\*\* High Yield I Separate Account-Z Transaction Detail \*\*\*\*\*\*

	ID. No.	Unit Value	Units	Amount
Prior Year Ending Balar	nce			
06-30-18		25.0502103	93,891.897817952	\$2,352,011.78
Transfers				
09-26-18		25.5696619	2,628.972970502	-\$67,221.95
01-16-19		25.1850863	48,378.147110022	-\$1,218,407.81
Total			-51,007.120080524	-\$1,285,629.76
Investment Return				\$24,166.53
Ending Balance				
02-01-19		25.4297355	42,884.777737428	\$1,090,548.55



## Principal Global/Barrow Hanley

\*\*\*\*\*\* MidCap Value III Separate Account-Z Transaction Detail \*\*\*\*\*\*

	ID. No.	Unit Value	Units	Amount
Prior Year Ending Balar	nce			
06-30-18		158.1333607	6,329.267429191	\$1,000,868.32
Transfers				
08-28-18		162.8317237	6,329.267429191	-\$1,030,605.52
Total			-6,329.267429191	-\$1,030,605.52
Investment Return				\$29,737.20
Ending Balance				
02-01-19		149.6743038	0.000000000	\$0.00



## Robert Baird/Eagle Asset Mgmt

\*\*\*\*\*\* MidCap Growth III Separate Account-Z Transaction Detail \*\*\*\*\*\*

	ID. No.	Unit Value	Units	Amount
Prior Year Ending Balan	ice			
06-30-18		36.9179672	27,476.684256159	\$1,014,383.32
Transfers				
09-26-18		39.9556003	2,755.911541141	-\$110,114.10
01-16-19		34.8512418	1,621.137930298	\$56,498.67
Total			-1,134.773610843	-\$53,615.43
Investment Return				\$8,805.84
Ending Balance				
02-01-19		36.8072667	26,341.910645316	\$969,573.73



## Causeway / Barrow Hanley

\*\*\*\*\*\*\* Overseas Separate Account-Z Transaction Detail \*\*\*\*\*\*\*

	ID. No.	Unit Value	Units	Amount
Prior Year Ending Balan	ice			
06-30-18		17.9876502	376,662.905163417	\$6,775,280.58
Transfers				
09-26-18		18.3332418	1,544.317710357	-\$28,312.35
01-16-19		16.3125127	15,522.349294477	\$253,208.52
Total			13,978.031584120	\$224,896.17
Investment Return				-\$477,793.63
Ending Balance				
02-01-19		16.6966196	390,640.936747537	\$6,522,383.12



## Vaughan Nelson/LA Capital/H&W

\*\*\*\*\*\* SmallCap Value II Separate Account-Z Transaction Detail \*\*\*\*\*\*

	ID. No.	Unit Value	Units	Amount
Prior Year Ending Balan	ice			
06-30-18		33.0915979	16,841.511211884	\$557,312.51
Transfers				
09-26-18		33.6050932	1,384.372295090	-\$46,521.96
01-16-19		29.5412901	995.276100010	\$29,401.74
Total			-389.096195080	-\$17,120.22
Investment Return				-\$38,073.40
Ending Balance				
02-01-19		30.5194646	16,452.415016804	\$502,118.89



#### Principal Global Investors

\*\*\*\*\*\*\* LargeCap S&P 500 Index Separate Account-Z Transaction Detail \*\*\*\*\*\*\*

	ID. No.	Unit Value	Units	Amount
Prior Year Ending Balan	ce			
06-30-18		137.8521149	21,831.040252977	\$3,009,455.06
Transfers				
09-26-18		148.0051802	2,207.118153287	-\$326,664.92
01-16-19		134.0731529	515.397367074	\$69,100.95
Total			-1,691.720786213	-\$257,563.97
Investment Return				\$43,490.09
Ending Balance				
02-01-19		138.8021673	20,139.319466764	\$2,795,381.18



## Principal Global Investors

\*\*\*\*\*\*\* Equity Income Separate Account-Z Transaction Detail \*\*\*\*\*\*\*

	ID. No.	Unit Value	Units	Amount
Prior Year Ending Balar	nce			
06-30-18		32.9944569	213,628.815029816	\$7,048,566.73
Transfers				
09-26-18		35.2733079	19,482.947897835	-\$687,228.02
01-16-19		32.5907523	1,380.004351725	\$44,975.38
Total			-18,102.943546110	-\$642,252.64
Investment Return				\$194,953.63
Ending Balance				
02-01-19		33.7616075	195,525.871483706	\$6,601,267.72



#### Multiple Sub-Advisors

\*\*\*\*\*\* Diversified Real Asset Separate Account-Z Transaction Detail \*\*\*\*\*\*\*

	ID. No.	Unit Value	Units	Amount
Prior Year Ending Balar	ice			
06-30-18		12.3396208	97,647.603955267	\$1,204,934.40
Transfers				
09-26-18		12.2941194	3,163.782515403	-\$38,895.92
01-16-19		11.7388135	2,476.496453410	-\$29,071.13
Total			-5,640.278968813	-\$67,967.05
Investment Return				-\$31,774.64
Ending Balance				
02-01-19		12.0120079	92,007.324986454	\$1,105,192.71



## Mellon Investments Corp.

\*\*\*\*\*\*\* Bond Market Index Separate Account-Z Transaction Detail \*\*\*\*\*\*\*

	ID. No.	Unit Value	Units	Amount
Prior Year Ending Balan	ıce			
06-30-18		12.7387049	391,582.191791837	\$4,988,249.98
Transfers				
		40.7074000	42 024 204044700	ФЕБЕ 255 OO
09-26-18		12.7274830	43,634.391811798	\$555,355.98
01-16-19		12.9509258	263,080.833958603	\$3,407,140.36
Total			306,715.225770401	\$3,962,496.34
Expenses				
07-11-18		12.7746959	228.185470935	\$2,915.00
07-31-18		12.7420499	188.026260986	\$2,395.84
08-02-18		12.7290805	123.693144999	\$1,574.50
08-31-18		12.8217194	186.857934201	\$2,395.84
09-28-18		12.7378161	188.087972160	\$2,395.83
10-31-18		12.6351942	189.616397031	\$2,395.84
11-06-18		12.6088499	125.406362399	\$1,581.23
11-30-18		12.7074676	188.537171639	\$2,395.83
12-31-18		12.9393899	185.157879816	\$2,395.83
01-31-19		13.0743920	183.245997213	\$2,395.83
Total			1,786.814591379	\$22,841.57
Direct Fund Payments to Retirees				
07-01-18		12.7386525	7,208.435900107	\$91,825.76
07-13-18		12.7925745	0.242328078	\$3.10
08-01-18		12.7180220	7,160.080396149	\$91,062.06
08-13-18		12.7928188	0.242323451	\$3.10
08-16-18		12.8025465	131.781595169	\$1,687.14
08-18-18		12.8047811	2.371770338	\$30.37



02-01-19	13.0427731	639,101.973861909	\$8,335,662.03
Ending Balance			
Investment Return			\$142,079.04
Total		57,408.629108950	\$734,321.76
02-01-19	13.0427731	7,019.177539782	\$91,549.54
01-18-19	12.9334626	15.448299204	\$199.80
01-13-19	12.9632436	0.239137680	\$3.10
01-01-19	12.9393367	7,074.812420639	\$91,543.38
12-13-18	12.8063644	0.242067139	\$3.10
12-01-18	12.7074154	7,203.933854243	\$91,543.38
11-13-18	12.6510894	0.245038186	\$3.10
11-01-18	12.6454633	7,240.470975863	\$91,559.11
10-13-18	12.6711830	0.244649611	\$3.10
10-01-18	12.7249269	7,202.380078112	\$91,649.76
09-13-18	12.7678573	0.242797199	\$3.10
09-01-18	12.8216667	7,148.037938000	\$91,649.76



## Principal Global Investors

\*\*\*\*\*\*\* International SmallCap Separate Account-Z Transaction Detail \*\*\*\*\*\*\*

	ID. No.	Unit Value	Units	Amount
Prior Year Ending Balar	ice			
06-30-18		137.4341862	11,241.255201052	\$1,544,932.76
Transfers				
09-26-18		137.6843415	179.228369262	\$24,676.94
01-16-19		118.0246521	933.517684988	\$110,178.10
Total			1,112.746054250	\$134,855.04
Investment Return				-\$167,029.80
Ending Balance				
02-01-19		122.4508542	12,354.001255302	\$1,512,758.00



## LA Capital Mgmt/Victory

\*\*\*\*\*\* MidCap Value I Separate Account-Z Transaction Detail \*\*\*\*\*\*

	ID. No.	Unit Value	Units	Amount
Prior Year Ending Balar	nce			
06-30-18		0.0000000	0.00000000	\$0.00
Transfers				
08-28-18		50.0253190	20,601.678122232	\$1,030,605.52
09-26-18		49.4718123	725.179012696	-\$35,875.92
01-16-19		44.4959499	755.677540890	\$33,624.59
Total			20,632.176650426	\$1,028,354.19
Investment Return				-\$72,758.00
Ending Balance				
02-01-19		46.3158208	20,632.176650426	\$955,596.19



#### AB/Brown/Emerald

\*\*\*\*\*\* SmallCap Growth I Separate Account-Z Transaction Detail \*\*\*\*\*\*\*

	ID. No.	Unit Value	Units	Amount
Prior Year Ending Balar	nce			
06-30-18		33.4669636	16,881.210851054	\$564,962.86
Transfers				
09-26-18		35.9371396	2,410.637044691	-\$86,631.40
01-16-19		30.7681101	1,325.832489139	\$40,793.36
Total			-1,084.804555552	-\$45,838.04
Investment Return				-\$9,975.61
Ending Balance				
02-01-19		32.2319650	15,796.406295502	\$509,149.21



## T. Rowe Price/Brown Advisory

\*\*\*\*\*\* LargeCap Growth I Separate Account-Z Transaction Detail \*\*\*\*\*\*

	ID. No.	Unit Value	Units	Amount
Prior Year Ending Balan	ice			
06-30-18		32.9428656	219,570.274661868	\$7,233,274.04
Transfers				
09-26-18		35.2956199	24,965.140221265	-\$881,160.10
01-16-19		32.2442844	3,021.680952547	\$97,431.94
Total			-21,943.459268718	-\$783,728.16
Investment Return				\$167,226.06
Ending Balance				
02-01-19		33.4811444	197,626.815393150	\$6,616,771.94

