****** Summary of Accounts ******

Beginning Balance	\$56,873,345.46
Additions	1,196.11
Investment Return	675,363.18
Deductions	1,182,220.14
Ending Balance	\$56,367,684.61

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

The investment value return based on total assets invested for this Contract from 07-01-19 to 09-30-19 was 1.21%.

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	6,667,215.50
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	2,811,199.11
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	6,605,237.15
Small/Mid U.S. Equity		
LA Capital Mgmt/Victory	MidCap Value I Sep Acct-Z	957,529.16
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	950,331.59
Vaughan Nelson/LA Capital/H&W	SmallCap Value II Sep Acct-Z	501,041.66
Principal Global Investors	SmallCap Separate Account-R6	0.00
AB/Brown/Emerald	SmallCap Growth I Sep Acct-Z	496,345.26
Principal Real Estate Inv	Real Estate Securities SA-R6	0.00
International Equity		
Principal Global Investors	Intl Emerging Markets SA-Z	1,791,474.48
Causeway / Barrow Hanley	Overseas Sep Acct-Z	3,329,186.21
Principal Global Investors	Diversified Intl Sep Acct-Z	3,330,834.65
Origin Asset Management LLP	International I Sep Acct-R6	0.00
Principal Global Investors	International Growth SA-R6	0.00



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

Asset Class Investment Advisor	Investment Option	
Principal Global Investors	Intl SmallCap Separate Acct-Z	1,802,498.14
Balanced/Asset Allocation		
Multiple Sub-Advisors	Diversified Real Asset SA-Z	1,125,335.06
Short-Term Fixed Income		
Principal Global Investors	LDI Short Duration Sep Acct-Z	0.00
Principal Global Investors	Liquid Assets Separate Acct-Z	0.00
Fixed Income		
Mellon/DDJ/Post	High Income Separate Acct-Z	1,126,096.41
Principal Global Investors	Bond Market Index Sep Acct-Z	8,766,264.36
	General Investment	0.00
Principal Global Investors	Core Plus Bond Separate Acct-Z	0.00
Principal Global Investors	Income Separate Acct-Z	12,720,893.94
BlackRock Financial Mgmt, Inc.	Inflation Protection SA-R6	0.00
Barrow Hanley	LDI Ext Duration Sep Acct-Z	0.00
Principal Real Estate Inv	U.S. Property Sep Acct-Z	3,386,201.93
Principal Global Investors	LDI Interm Dur Sep Acct-Z	0.00
Principal Global Investors	LDI Long Duration SA-Z	0.00
Spectrum	Spectrum Pref Cap Sec Inc R6	0.00
Ending Balance		\$56,367,684.61



****** 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[™] at www.principal.com, contact your representative of the Principal, or call our Client Contact Center at 1-800-547-7754.



Principal Global Investors

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

Beginning Balance	\$2,124,130.34
Investment Return	-75,131.10
Transfer Out	257,524.76
Ending Balance	\$1,791,474.48

The total return from 07-01-19 to 09-30-19 was -3.56%.



Principal Real Estate Inv

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

Beginning Balance	\$3,335,132.58
Investment Return	55,972.72
Transfer Out	4,903.37
Ending Balance	\$3,386,201.93

The total return from 07-01-19 to 09-30-19 was 1.67%.



Principal Global Investors

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

Beginning Balance	\$11,671,820.40
Investment Return	215,972.04
Transfer Out	11,185,136.45
Benefit Payments	662,776.17
Benefit Payments Credits	1,196.11
Expenses	41,075.93
Ending Balance	\$0.00

The total return from 07-01-19 to 09-25-19 was 1.92%.



Principal Global Investors

******* Diversified International Separate Account-Z *******

 Beginning Balance
 \$0.00

 Investment Return
 5,376.88

 Transfer In
 3,325,457.77

 Ending Balance
 \$3,330,834.65

The total return from 09-25-19 to 09-30-19 was 0.19%.



Mellon/DDJ/Post

****** High Income Separate Account-Z ******

Beginning Balance	\$1,136,054.78
Investment Return	4,591.53
Transfer Out	14,549.90
Ending Balance	\$1,126,096.41

The total return from 07-01-19 to 09-30-19 was 0.41%.



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

Beginning Balance	\$1,104,825.68
Investment Return	4,833.31
Transfer Out	159,327.40
Ending Balance	\$950,331.59

The total return from 07-01-19 to 09-30-19 was 0.44%.



Causeway / Barrow Hanley

****** Overseas Separate Account-Z *******

Beginning Balance	\$6,759,287.27
Investment Return	-118,384.66
Transfer Out	3,311,716.40
Ending Balance	\$3,329,186.21

The total return from 07-01-19 to 09-30-19 was -1.80%.



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

Beginning Balance	\$521,243.73
Investment Return	2,156.71
Transfer Out	22,358.78
Ending Balance	\$501,041.66

The total return from 07-01-19 to 09-30-19 was 0.42%.



Principal Global Investors ******* LargeCap S&P 500 Index Separate Account-Z ********

Beginning Balance	\$3,063,605.13
Investment Return	52,498.22
Transfer Out	304,904.24
Ending Balance	\$2,811,199.11

The total return from 07-01-19 to 09-30-19 was 1.73%.



Principal Global Investors

****** Equity Income Separate Account-Z ******

Beginning Balance	\$7,202,269.58
Investment Return	268,966.70
Transfer Out	804,020.78
Ending Balance	\$6,667,215.50

The total return from 07-01-19 to 09-30-19 was 3.76%.



Multiple Sub-Advisors

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

Beginning Balance	\$1,145,295.22
Investment Return	-2,298.89
Transfer Out	17,661.27
Ending Balance	\$1,125,335.06

The total return from 07-01-19 to 09-30-19 was -0.20%.



Principal Global Investors

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

Beginning Balance	\$8,198,377.92
Investment Return	180,404.32
Transfer In	860,370.16
Benefit Payments	441,850.76
Expenses	31,037.28
Ending Balance	\$8,766,264.36

The total return from 07-01-19 to 09-30-19 was 2.27%.



Principal Global Investors

******* International SmallCap Separate Account-Z *******

Beginning Balance	\$1,614,264.97
Investment Return	-2,045.25
Transfer In	190,278.42
Ending Balance	\$1,802,498.14

The total return from 07-01-19 to 09-30-19 was -0.12%.



LA Capital Mgmt/Victory ****** MidCap Value I Separate Account-Z *******

Beginning Balance	\$1,029,863.98
Investment Return	17,333.77
Transfer Out	89,668.59
Ending Balance	\$957,529.16

The total return from 07-01-19 to 09-30-19 was 1.69%.



Principal Global Investors

****** Income Separate Account-Z ******

 Beginning Balance
 \$0.00

 Investment Return
 44,543.37

 Transfer In
 12,681,830.57

 Expenses
 5,480.00

 Ending Balance
 \$12,720,893.94

The total return from 09-25-19 to 09-30-19 was 0.42%.



AB/Brown/Emerald

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

Beginning Balance	\$579,784.36
Investment Return	-36,143.18
Transfer Out	47,295.92
Ending Balance	\$496,345.26

The total return from 07-01-19 to 09-30-19 was -6.26%.



T. Rowe Price/Brown Advisory

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

Beginning Balance	\$7,387,389.52
Investment Return	56,716.69
Transfer Out	838,869.06
Ending Balance	\$6,605,237.15

The total return from 07-01-19 to 09-30-19 was 0.78%.



****** List of Transactions *******

Transfers		
Mellon/DDJ/Post		
High Income Separate Acct-Z	09-25-19	-14,549.90
Principal Global Investors		
Intl SmallCap Separate Acct-Z	09-25-19	190,278.42
Multiple Sub-Advisors		
Diversified Real Asset SA-Z	09-25-19	-17,661.27
Principal Global Investors		
Income Separate Acct-Z	09-25-19	12,681,830.57
Intl Emerging Markets SA-Z	09-25-19	-257,524.76
Bond Market Index Sep Acct-Z	09-25-19	860,370.16
Vaughan Nelson/LA Capital/H&W		
SmallCap Value II Sep Acct-Z	09-25-19	-22,358.78
Principal Global Investors		
Diversified Intl Sep Acct-Z	09-25-19	3,325,457.77
Causeway / Barrow Hanley		
Overseas Sep Acct-Z	09-25-19	-3,311,716.40
T. Rowe Price/Brown Advisory		
LargeCap Growth I Sep Acct-Z	09-25-19	-838,869.06
Principal Global Investors		
LargeCap S&P 500 Index SA-Z	09-25-19	-304,904.24
Equity Income Sep Acct-Z	09-25-19	-804,020.78
Core Plus Bond Separate Acct-Z	09-25-19	-11,185,136.45
Robert Baird/Eagle Asset Mgmt		
MidCap Growth III Sep Acct-Z	09-25-19	-159,327.40
Principal Real Estate Inv		
U.S. Property Sep Acct-Z	09-25-19	-4,903.37



****** List of Transactions ******

LA Capital Mgmt/Victory		
MidCap Value I Sep Acct-Z	09-25-19	-89,668.59
AB/Brown/Emerald		
SmallCap Growth I Sep Acct-Z	09-25-19	-47,295.92
Total		\$0.00
Expenses		
Principal Global Investors		
Core Plus Bond Separate Acct-Z	07-31-19	5,480.00
Bond Market Index Sep Acct-Z	07-31-19	3,653.33
Core Plus Bond Separate Acct-Z	08-09-19	3,745.25
Bond Market Index Sep Acct-Z	08-09-19	2,496.83
Core Plus Bond Separate Acct-Z	08-27-19	7,890.68
Bond Market Index Sep Acct-Z	08-27-19	5,260.46
Core Plus Bond Separate Acct-Z	08-30-19	5,480.00
Bond Market Index Sep Acct-Z	08-30-19	3,653.33
Core Plus Bond Separate Acct-Z	09-19-19	18,480.00
Bond Market Index Sep Acct-Z	09-19-19	12,320.00
Bond Market Index Sep Acct-Z	09-30-19	3,653.33
Income Separate Acct-Z	09-30-19	5,480.00
Total		\$77,593.21
Direct Fund Payments to Retirees		
Principal Global Investors		
Bond Market Index Sep Acct-Z	07-01-19	145,420.24
Core Plus Bond Separate Acct-Z	07-01-19	218,130.37
Bond Market Index Sep Acct-Z	07-12-19	1,724.09



****** List of Transactions ******

Core Plus Bond Separate Acct-Z	07-12-19	2,586.14
Bond Market Index Sep Acct-Z	07-13-19	119.69
Core Plus Bond Separate Acct-Z	07-13-19	179.54
Bond Market Index Sep Acct-Z	07-16-19	179.04
Core Plus Bond Separate Acct-Z	07-16-19	268.57
Bond Market Index Sep Acct-Z	08-01-19	147,438.11
Core Plus Bond Separate Acct-Z	08-01-19	221,157.17
Bond Market Index Sep Acct-Z	08-13-19	4.96
Core Plus Bond Separate Acct-Z	08-13-19	7.44
Bond Market Index Sep Acct-Z	09-01-19	146,959.67
Core Plus Bond Separate Acct-Z	09-01-19	220,439.50
Core Plus Bond Separate Acct-Z	09-13-19	7.44
Bond Market Index Sep Acct-Z	09-13-19	4.96
Total		\$1,104,626.93

Credit Direct Fund Payments to Retirees

Principal Global Investors

Core Plus Bond Separate Acct-Z	08-01-19	1,196.11
Total		\$1,196.11



Principal Global Investors

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

	ID. No.	Unit Value	Units	Amount
Prior Year Ending Balar	nce			
06-30-19		67.5448040	31,447.723929959	\$2,124,130.34
Transfers				
09-25-19		65.5425136	3,929.125476811	-\$257,524.76
Total			-3,929.125476811	-\$257,524.76
Investment Return				-\$75,131.10
Ending Balance				
09-30-19		65.1004987	27,518.598453148	\$1,791,474.48



Principal Real Estate Inv

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

	ID. No.	Unit Value	Units	Amount
Prior Year Ending Bala	nce			
06-30-19		137.1657593	24,314.614668658	\$3,335,132.58
Transfers				
09-25-19		139.2876212	35.203200096	-\$4,903.37
Total			-35.203200096	-\$4,903.37
Investment Return				\$55,972.72
Ending Balance				
09-30-19		139.4680402	24,279.411468562	\$3,386,201.93



Principal Global Investors

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

	ID. No.	Unit Value	Units	Amount
Prior Year Ending Balar	nce			
06-30-19		141.7486592	82,341.663584434	\$11,671,820.40
Transfers				
09-25-19		144.4266681	77,445.091012289	-\$11,185,136.45
		111.120001		
Total			-77,445.091012289	-\$11,185,136.45
Expenses				
07-31-19		142.4001638	38.483101801	\$5,480.00
08-09-19		143.7077521	26.061572498	\$3,745.25
08-27-19		145.5407215	54.216303991	\$7,890.68
08-30-19		145.5549160	37.649020387	\$5,480.00
09-19-19		144.2615488	128.100662676	\$18,480.00
Total			284.510661353	\$41,075.93
Direct Fund Payments to				
Retirees				
07-01-19		141.7095364	1,539.277987504	\$218,130.37
07-12-19		141.4900395	18.277894395	\$2,586.14
07-13-19		141.4890703	1.268931936	\$179.54
07-16-19		141.4508307	1.898680966	\$268.57
08-01-19		143.1350842	1,545.094071352	\$221,157.17
08-13-19		143.9487344	0.051685067	\$7.44
09-01-19		145.5529219	1,514.497250364	\$220,439.50
09-13-19		143.2949867	0.051920867	\$7.44
Total			4,620.418422451	\$662,776.17



Credit Direct Fund Payments to Retirees

 08-01-19
 143.1350842
 8.356511659
 \$1,196.11

 Total

 Investment Return
 \$215,972.04

Ending Balance

09-30-19 144.8668227 **0.00000000 \$0.00**



Principal Global Investors

****** Diversified International Separate Account-Z Transaction Detail *******

	ID. No.	Unit Value	Units	Amount	
Prior Year Ending Balance					
06-30-19		85.2095895	0.00000000	\$0.00	
Transfers					
09-25-19		92.8807695	35,803.512265259	\$3,325,457.77	
Total			35,803.512265259	\$3,325,457.77	
Investment Return				\$5,376.88	
Ending Balance					
09-30-19		93.0309471	35,803.512265259	\$3,330,834.65	



Mellon/DDJ/Post

****** High Income Separate Account-Z Transaction Detail ******

	ID. No.	Unit Value	Units	Amount	
Prior Year Ending Balance					
06-30-19		26.4908632	42,884.777737428	\$1,136,054.78	
Transfers					
09-25-19		26.6253851	546.467213351	-\$14,549.90	
Total			-546.467213351	-\$14,549.90	
Investment Return				\$4,591.53	
Ending Balance					
09-30-19		26.5975757	42,338.310524077	\$1,126,096.41	



Robert Baird/Eagle Asset Mgmt

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

	ID. No.	Unit Value	Units	Amount	
Prior Year Ending Balance					
06-30-19		41.9417446	26,341.910645316	\$1,104,825.68	
Transfers					
09-25-19		42.4232761	3,755.659973653	-\$159,327.40	
Total			-3,755.659973653	-\$159,327.40	
Investment Return				\$4,833.31	
Ending Balance					
09-30-19		42.0756686	22,586.250671663	\$950,331.59	



Causeway / Barrow Hanley

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

	ID. No.	Unit Value	Units	Amount	
Prior Year Ending Balance					
06-30-19		17.3030695	390,640.936747537	\$6,759,287.27	
Transfers					
09-25-19		16.9904727	194,916.083764991	-\$3,311,716.40	
Total			-194,916.083764991	-\$3,311,716.40	
Investment Return				-\$118,384.66	
Ending Balance					
09-30-19		17.0095221	195,724.852982546	\$3,329,186.21	



Vaughan Nelson/LA Capital/H&W

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

	ID. No.	Unit Value	Units	Amount	
Prior Year Ending Balance					
06-30-19		31.6818980	16,452.415016804	\$521,243.73	
Transfers					
09-25-19		32.1917477	694.550050788	-\$22,358.78	
Total			-694.550050788	-\$22,358.78	
Investment Return				\$2,156.71	
Ending Balance					
09-30-19		31.7962913	15,757.864966016	\$501,041.66	



Principal Global Investors

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

	ID. No.	Unit Value	Units	Amount	
Prior Year Ending Balance					
06-30-19		152.1205886	20,139.319466764	\$3,063,605.13	
Transfers					
09-25-19		155.0741972	1,966.182933752	-\$304,904.24	
Total			-1,966.182933752	-\$304,904.24	
Investment Return				\$52,498.22	
Ending Balance					
09-30-19		154.6898145	18,173.136533012	\$2,811,199.11	



Principal Global Investors

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

	ID. No.	Unit Value	Units	Amount	
Prior Year Ending Balance					
06-30-19		36.8353790	195,525.871483706	\$7,202,269.58	
Transfers					
09-25-19		38.1276210	21,087.619917329	-\$804,020.78	
Total			-21,087.619917329	-\$804,020.78	
Investment Return				\$268,966.70	
Ending Balance					
09-30-19		38.2210636	174,438.251566377	\$6,667,215.50	



Multiple Sub-Advisors

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

	ID. No.	Unit Value	Units	Amount	
Prior Year Ending Balance					
06-30-19		12.4478701	92,007.324986454	\$1,145,295.22	
Transfers					
09-25-19		12.4439559	1,419.264913981	-\$17,661.27	
Total			-1,419.264913981	-\$17,661.27	
Investment Return				-\$2,298.89	
Ending Balance					
09-30-19		12.4225540	90,588.060072473	\$1,125,335.06	



Principal Global Investors

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

	ID. No.	Unit Value	Units	Amount
Prior Year Ending Balar	nce			
06-30-19		13.7164624	597,703.524670475	\$8,198,377.92
Transfers				
09-25-19		13.9668357	61,600.936567185	\$860,370.16
Total			61,600.936567185	\$860,370.16
Expenses				
07-31-19		13.7485920	265.723937403	\$3,653.33
08-09-19		13.9242761	179.314887328	\$2,496.83
08-27-19		14.1018159	373.034227457	\$5,260.46
08-30-19		14.1029412	259.047382258	\$3,653.33
09-19-19		13.9416659	883.682056962	\$12,320.00
09-30-19		14.0204650	260.571243535	\$3,653.33
Total			2,221.373734943	\$31,037.28
Direct Fund Payments to Retirees				
07-01-19		13.7021290	10,612.966787861	\$145,420.24
07-12-19		13.6658634	126.160341980	\$1,724.09
07-13-19		13.6658073	8.758355607	\$119.69
07-16-19		13.6608656	13.106050907	\$179.04
08-01-19		13.8400077	10,653.036703151	\$147,438.11
08-13-19		13.9590100	0.355326058	\$4.96
09-01-19		14.1028252	10,420.583671419	\$146,959.67
09-13-19		13.8412669	0.358348700	\$4.96
Total			31,835.325585683	\$441,850.76
Investment Return				\$180,404.32



Ending Balance

09-30-19 14.0204650 **625,247.761917034 \$8,766,264.36**



Principal Global Investors

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

	ID. No.	Unit Value	Units	Amount
Prior Year Ending Balar	псе			
06-30-19		130.6673797	12,354.001255302	\$1,614,264.97
Transfers				
09-25-19		130.5941016	1,457.021547441	\$190,278.42
Total			1,457.021547441	\$190,278.42
Investment Return				-\$2,045.25
Ending Balance				
09-30-19		130.5115612	13,811.022802743	\$1,802,498.14



LA Capital Mgmt/Victory

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

	ID. No.	Unit Value	Units	Amount	
Prior Year Ending Balance					
06-30-19		49.9154309	20,632.176650426	\$1,029,863.98	
Transfers					
09-25-19		50.7872412	1,765.573161315	-\$89,668.59	
Total			-1,765.573161315	-\$89,668.59	
Investment Return				\$17,333.77	
Ending Balance					
09-30-19		50.7525990	18,866.603489111	\$957,529.16	



Principal Global Investors

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

	ID. No.	Unit Value	Units	Amount		
Prior Year Ending Balance						
06-30-19		0.0000000	0.000000000	\$0.00		
Transfers						
09-25-19		17.5850399	721,171.555032980	\$12,681,830.57		
Total			721,171.555032980	\$12,681,830.57		
Expenses						
09-30-19		17.6468052	310.537796382	\$5,480.00		
Total			310.537796382	\$5,480.00		
Investment Return				\$44,543.37		
Ending Balance						
09-30-19		17.6468052	720,861.017236598	\$12,720,893.94		



AB/Brown/Emerald

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

	ID. No.	Unit Value	Units	Amount			
Prior Year Ending Balance							
06-30-19		36.7035612	15,796.406295502	\$579,784.36			
Transfers							
09-25-19		35.1072977	1,347.182013385	-\$47,295.92			
Total			-1,347.182013385	-\$47,295.92			
Investment Return				-\$36,143.18			
Ending Balance							
09-30-19		34.3509974	14,449.224282117	\$496,345.26			



T. Rowe Price/Brown Advisory

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

	ID. No.	Unit Value	Units	Amount			
Prior Year Ending Balance							
06-30-19		37.3805018	197,626.815393150	\$7,387,389.52			
Transfers							
09-25-19		37.8986252	22,134.551202664	-\$838,869.06			
Total			-22,134.551202664	-\$838,869.06			
Investment Return				\$56,716.69			
Ending Balance							
09-30-19		37.6383380	175,492.264190486	\$6,605,237.15			

