

South Carolina Optional Retirement
Program (State ORP)

Participant Summary

3rd Quarter 2021

State ORP Fund Line-Up Comparison

September 30, 2021

Asset Class		AIG	Empower (formerly MassMutual)	TIAA	Voya
Domestic Equity	Large Core	Fidelity 500 Index (FXAIX)	Vanguard Institutional Index (VINIX)	TIAA-CREF Equity Index I (TIEIX)	Fidelity 500 Index (FXAIX)
	Large Value	Vanguard Value Index (VIVIX)	MFS Value R5 (MEIKX)	T. Rowe Price Inst Large Cap Value (TILCX)	Vanguard Equity Income (VEIRX)
	Large Growth	Vanguard US Growth (VWUAX)	MassMutual Select Blue Chip Growth I (MBCZX)	-	Harbor Capital Appreciation (HACAX)
	Mid/SMID	Vanguard Mid Cap Index Inst (VMCIX)	Vanguard Mid Cap Index Inst (VMCIX)	Vanguard Mid Cap Index Inst (VMCIX)	Fidelity Mid Cap Index (FSMDX)
	Small Core	Vanguard Small Cap Index Inst (VSCIX)	Vanguard Small Cap Index Inst (VSCIX)	TIAA-CREF Small Cap Index I (TISBX)	Fidelity Small Cap Index (FSSNX)
	Small Value	-	American Beacon Small Cp Val Inst (AVFIX)	-	Fidelity Advisor SCV (FIKNX)
	Small Growth	-	INVESCO Small Cap Growth R6 (GTSFX)	-	Vanguard Explorer (VEXRX)
International Equity	Large Core	Fidelity International Index (FSPSX)	Fidelity Total International Index (FTIHX)	CREF Stock Annuity Vanguard Total Intl Idx (VTIAX)	Vanguard Total Intl Stock (VTAIX)
	Large Value	-	-	-	-
	Large Growth	American Funds EuroPac Growth R6 (RERGX)	Oppenheimer International Growth I (OIGIX)	American Funds EuroPac Growth R6 (RERGX)	-
	Emerging	Fidelity Emerging Markets Index (FPAGX)	JP Morgan Emerging Markets (JEMWX)	American Funds New World R6 (RNWGX)	Harding Loevner Instl EM I (HLMEX)
Fixed Income	Core	Vanguard Total Bond Market Index I (VBTIX)	JP Morgan Core Bond R6 (JCBUX)	TIAA-CREF Bond Index I (TBIIX)	-
	Core Plus	-	-	-	MetWest Total Return Bond (MWTSX)
	Intermediate	-	-	-	Voya Intermediate Bond (IIBZX)
Inflation Hedge	TIPS/Real Assets	DFA Inflation Protected Securities I (DIPSX)	Vanguard Inflation Protected Secs Adm (VAIPX)	CREF Inflation Linked Bond Annuity	DFA Inflation Protected Securities I (DIPSX)
Target Date/Balanced	Multi-Asset Class	State Street Target Retirement Funds	T. Rowe Price Retirement	TIAA-CREF Lifecycle Instl	Voya Index Solutions
Cash & Equivalents	Money Market/Stable Value	Fixed Interest Option	General Fixed Interest Account	TIAA CREF Money Market Instl (TCIXX) TIAA Traditional Annuity	Voya Fixed Account

State ORP (AIG)

Fund Line-Up Statistics

September 30, 2021

Fund	Ticker	Net Expense Ratio (%)	5-Year Standard Deviation (%)	Return (%) 1 Year	Return (%) 3 Years	Return (%) 5 Years
Domestic Equity						
Fidelity 500 Index	FXAIX	0.02	15.1	30.0	16.0	16.9
Vanguard Value Institutional Index Fund	VIVIX	0.04	15.5	32.5	9.9	12.2
Vanguard US Growth	VWUAX	0.28	18.1	26.1	25.4	24.5
Vanguard MidCap Index Instl.	VMCIX	0.04	17.2	36.1	14.8	14.6
Vanguard Small Cap Index	VSCIX	0.04	19.8	44.1	12.0	14.0
International Equity						
American Funds EuroPacific R6	RERGX	0.46	15.5	24.8	13.2	12.2
Fidelity Emerging Markets Idx	FPADX	0.08	16.6	16.7	8.2	8.8
Fidelity International Index	FSPSX	0.04	14.6	25.1	7.7	8.8
Target Date						
State Street Target Ret 2065 K	SSFKX	0.09	NA	24.6		
State Street Target Ret 2060 K	SSDYX	0.09	13.3	24.9	13.1	13.0
State Street Target Ret 2055 K	SSDQX	0.09	13.3	24.8	13.0	13.0
State Street Target Ret 2050 K	SSDLX	0.09	13.4	24.9	13.1	13.0
State Street Target Ret 2045 K	SSDEX	0.09	13.0	24.0	12.8	12.8
State Street Target Ret 2040 K	SSCQX	0.09	12.2	22.1	12.6	12.4
State Street Target Ret 2035 K	SSCKX	0.09	11.4	20.3	12.2	11.8
State Street Target Ret 2030 K	SSBYX	0.09	10.4	18.5	11.8	11.2
State Street Target Ret 2025 K	SSBSX	0.09	9.4	16.9	10.8	10.2
State Street Target Ret 2020 K	SSBOX	0.09	7.8	14.3	9.3	8.5
State Street Target Ret Inc K	SSBOX	0.09	5.9	11.6	8.2	6.8
Fixed Income						
Vanguard Total Bond Index I	VBPIX	0.04	3.4	-0.9	5.4	2.9
DFA Inflation Protected Sec. I	DIPSX	0.11	3.9	5.2	7.8	4.4
MMF/Stable Value						
Fixed Interest Option	N/A	0.00	0.0	1.8	2.1	2.1

Expense Ratio and Standard Deviation: Lower is better

Return: Higher is better

State ORP (Empower - formerly MassMutual)

Fund Line-Up Statistics

September 30, 2021

Fund	Ticker	Net Expense Ratio (%)	5-Year Standard Deviation (%)	Return (%) 1 Year	Return (%) 3 Years	Return (%) 5 Years
Domestic Equity						
Vanguard Institutional Index Fund	VINIX	0.04	15.1	30.0	16.0	16.9
MFS Value R6	MEIKX	0.47	15.2	30.2	11.5	11.7
MassMutual Select Blue Chip Growth I	MBCZX	0.63	15.6	21.6	19.4	21.2
Vanguard Mid Cap Index	VMCIX	0.04	17.2	36.1	14.8	14.6
Vanguard Small Cap Index	VSCIX	0.04	19.8	44.1	12.0	14.0
American Beacon Small Cap Val Inst	AVFIX	0.83	23.9	60.7	6.9	10.0
Invesco Small Cap Growth Fund	GTSFX	0.71	20.5	40.9	18.6	20.1
International Equity						
Oppenheimer International Gr I	OIGIX	0.69	15.4	24.0	13.3	10.6
Fidelity Total International Index	FTIHX	0.06	14.7	24.2	8.2	8.9
JP Morgan Emerging Markets Eq Fd	JEMWX	0.79	17.5	15.1	16.5	13.7
Target Date						
T. Rowe Price Retirement 2060 Fund	TRPLX	0.46	13.7	29.4	14.1	13.8
T. Rowe Price Retirement 2055 Fund	TRPNX	0.46	13.7	29.4	14.1	13.8
T. Rowe Price Retirement 2050 Fund	TRPMX	0.45	13.7	29.4	14.1	13.8
T. Rowe Price Retirement 2045 Fund	TRPKX	0.44	13.7	29.3	14.0	13.8
T. Rowe Price Retirement 2040 Fund	TRPDX	0.43	13.2	27.8	13.6	13.4
T. Rowe Price Retirement 2035 Fund	TRPJX	0.42	12.5	25.6	12.9	12.7
T. Rowe Price Retirement 2030 Fund	TRPCX	0.41	11.6	23.1	12.2	11.9
T. Rowe Price Retirement 2025 Fund	TRPHX	0.39	10.5	20.5	11.4	10.9
T. Rowe Price Retirement 2020 Fund	TRBRX	0.37	9.4	18.0	10.5	9.9
T. Rowe Price Retirement 2015 Fund	TRFGX	0.36	8.3	16.4	10.0	9.0
T. Rowe Price Retirement 2010 Fund	TRPAX	0.34	7.6	14.9	9.5	8.2
Fixed Income						
JP Morgan Core Bond R6	JCBUX	0.34	3.4	0.3	5.8	3.3
Vanguard Inflation-Protectd Secs Fd	VAIPX	0.10	3.6	5.1	7.3	4.2
MMF/Stable Value						
General Fixed Interest SF GIA 61953	N/A	0.00	0.1	2.3	2.6	2.7

Expense Ratio and Standard Deviation: Lower is better

Return: Higher is better

State ORP (TIAA)

Fund Line-Up Statistics

September 30, 2021

Fund	Ticker	Net Expense Ratio (%)	5-Year Standard Deviation (%)	Return (%) 1 Year	Return (%) 3 Years	Return (%) 5 Years
Domestic Equity						
TIAA-CREF Equity Index Instl	TIEIX	0.05	15.7	31.8	16.0	16.8
T. Rowe Large Cap Value I	TILCX	0.57	16.7	42.1	10.5	11.4
Vanguard Mid Cap Index I	VMCIX	0.04	17.2	36.1	14.8	14.6
TIAA-CREF Small-Cap Blend Index Instl	TISBX	0.06	20.9	47.7	10.6	13.6
International Equity						
CREF Stock R3	QCSTIX	0.21	15.4	29.1	12.9	13.9
American Funds Europacific Growth R6	RERGX	0.46	15.5	24.8	13.2	12.2
American Funds New World R6	RNWGX	0.59	15.1	25.3	15.7	13.5
Vanguard Total International Index	VTIAX	0.11	14.8	24.4	8.3	9.0
Target Date						
TIAA-CREF Lifecycle 2060 Instl	TLXNX	0.45	14.7	27.1	12.2	13.4
TIAA-CREF Lifecycle 2055 Instl	TTRIX	0.45	14.5	26.8	12.1	13.3
TIAA-CREF Lifecycle 2050 Instl	TFTIX	0.45	14.4	26.4	12.0	13.2
TIAA-CREF Lifecycle 2045 Instl	TTFIX	0.45	14.2	25.9	11.9	13.0
TIAA-CREF Lifecycle 2040 Instl	TCOIX	0.44	13.1	23.5	11.3	12.4
TIAA-CREF Lifecycle 2035 Instl	TCIIX	0.43	12.0	21.1	10.8	11.6
TIAA-CREF Lifecycle 2030 Instl	TCRIX	0.42	10.7	18.7	10.2	10.7
TIAA-CREF Lifecycle 2025 Instl	TCYIX	0.41	9.6	16.4	9.6	9.8
TIAA-CREF Lifecycle 2020 Instl	TCWIX	0.39	8.4	14.3	9.0	8.9
TIAA-CREF Lifecycle 2015 Instl	TCNIX	0.38	7.6	13.0	8.6	8.3
TIAA-CREF Lifecycle 2010 Instl	TCTIX	0.37	6.9	11.8	8.3	7.7
TIAA-CREF Lifecycle Retirement Inc Instl	TLRIX	0.37	6.8	11.7	8.3	7.6
Fixed Income						
TIAA-CREF Bond Index Instl	TBIIX	0.11	3.3	-1.0	5.2	2.8
CREF Inflation Linked Bond R3	QCILIX	0.22	2.6	5.4	6.1	3.6
MMF/Stable Value						
TIAA-CREF Money Market Instl	TCIXX	0.13	0.2	0.0	1.0	1.0
TIAA Traditional	N/A	0.00	0.2	2.8	3.3	3.7

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State ORP (Voya)

Fund Line-Up Statistics

September 30, 2021

Fund	Ticker	Net Expense Ratio (%)	5-Year Standard Deviation (%)	Return (%) 1 Year	Return (%) 3 Years	Return (%) 5 Years
Domestic Equity						
Fidelity 500 Index	FXAIX	0.02	15.1	30.0	16.0	16.9
Vanguard Equity Income	VEIRX	0.19	14.2	30.8	10.6	11.8
Harbor Capital Appreciation	HACAX	0.67	18.5	24.0	23.7	24.6
Fidelity Mid Cap Index	FSMDX	0.03	17.6	38.1	14.2	14.4
Fidelity Small Cap Index	FSSNX	0.03	20.9	47.5	10.6	13.6
Fidelity Advisor SCV	FIKNX	0.81	N/A	74.4		
Vanguard Explorer	VEXRX	0.30	19.8	42.0	16.0	19.0
International Equity						
Vanguard Total Intl Stock	VTIAX	0.11	14.8	24.4	8.3	9.0
American Funds Europacific Growth	RERGX	0.46	15.5	24.8	13.2	12.2
American Funds New World	RNWXG	0.59	15.1	25.3	15.7	13.5
Target Date						
Voya Index Solution 2060	VSZIX	0.15	13.9	27.2	12.4	12.8
Voya Index Solution 2055	VSZHX	0.15	14.0	33.0	14.1	13.7
Voya Index Solution 2050	VSZGX	0.15	13.7	26.6	12.2	12.6
Voya Index Solution 2045	VSZFX	0.16	13.5	26.5	12.3	12.6
Voya Index Solution 2040	VSZEX	0.16	12.8	25.0	12.1	12.3
Voya Index Solution 2035	VSZDX	0.16	11.8	22.0	11.2	11.5
Voya Index Solution 2030	VSZCX	0.16	10.5	19.5	10.6	10.6
Voya Index Solution 2025	VSZBX	0.16	9.0	16.4	10.0	9.7
Voya Index Solution Income	VSZJX	0.16	5.3	9.6	8.0	6.7
Fixed Income						
Voya Intermediate Bond	IIBZX	0.30	4.2	0.9	6.1	3.8
DFA Inflation Protected Securities	DIPSX	0.11	3.9	5.2	7.8	4.4
MMF/Stable Value						
Voya Fixed Account	N/A	0.00	0.9	1.8	2.0	2.1

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State ORP Vendor Fee Comparison September 30, 2021

