

Investment Summary – Periods Ending 12/31/2024

December	0.5	- Overall return of -2.2% / -45 basis points vs the Plan Target Policy Index - US Equity (R3000) -3.1% - Non-US Equity (MSCI EAFE -2.3%, MSCI EMG MKTS -0.1%) - Real Estate (NCREIF ODCE) N/A - Fixed Income (Bloomberg US Agg) -1.6%
QTR	1.7	- Overall return of -0.8% / +81 basis points vs the Plan Target Policy Index - US Equity (R3000) +2.6% - Non-US Equity (MSCI EAFE -8.1%, MSCI EMG MKTS -8.0%) - Real Estate (NCREIF ODCE) +0.3% - Fixed Income (Bloomberg US Agg) -3.1% - Most favorable performance vs. benchmark in basis points (Arrowstreet +569, IFM +196, Jacobs Levy +94, Guggenheim +68) - Most unfavorable performance vs. benchmark in basis points (Dodge & Cox -342, Systematic -114, Axiom -105)
1 Year	6.8	- Overall return of +10.4% / +142 basis points vs the Plan Target Policy Index - US Equity (R3000) +23.8% - Non-US Equity (MSCI EAFE +3.8%, MSCI EMG MKTS +7.5%) - Real Estate (NCREIF ODCE) -7.3% - Fixed Income (Bloomberg US Agg) +1.3% - Most favorable performance vs. benchmark in basis points (Arrowstreet +1227, DoubleLine +239, PIMCO +114, Reams +90, UBS Trumbull +84) - Most unfavorable performance vs. benchmark in basis points (Dodge & Cox -670, JPMorgan -331, Axiom -173, IFM -133)
3 Years	6.8	- Overall return of +5.9% / +258 basis points vs the Plan Target Policy Index - US Equity (R3000) +8.0% - Non-US Equity (MSCI EAFE +1.7%, MSCI EMG MKTS -1.9%) - Real Estate (NCREIF ODCE) -0.2% - Fixed Income (Bloomberg US Agg) -2.4%
5 Years	6.8	- Overall return of +8.7% / +172 basis points vs the Plan Target Policy Index - US Equity (R3000) +13.9% - Non-US Equity (MSCI EAFE +4.7%, MSCI EMG MKTS +1.7%) - Real Estate (NCREIF ODCE) +2.9% - Fixed Income (Bloomberg US Agg) -0.3%
10 Years	7.0	Overall return of +8.4% / +106 basis point vs the Plan Target Policy Index
15 Years	7.2	Overall return of +9.2% / +91 basis point vs the Plan Target Policy Index
20 Years	7.4	Overall return of +7.6% / +72 basis points vs the Plan Target Policy Index
25 Years	7.5	Overall return of +6.6% / +60 basis points vs the Plan Target Policy Index

Notes: 1) Stoplight colors indicate performance relative to the assumed ROR for the period at the Plan level and relative to Aon's long-term return expectations at the asset class level.

2) All returns are gross-of-fees unless otherwise indicated.

3) The second column is a blend of the historical assumed ROR's that were in force at the time.

Sonoma County Employees' Retirement Association

SUMMARY OF PERFORMANCE

RATES OF RETURN

Periods Ending: December 31, 2024



STATE STREET

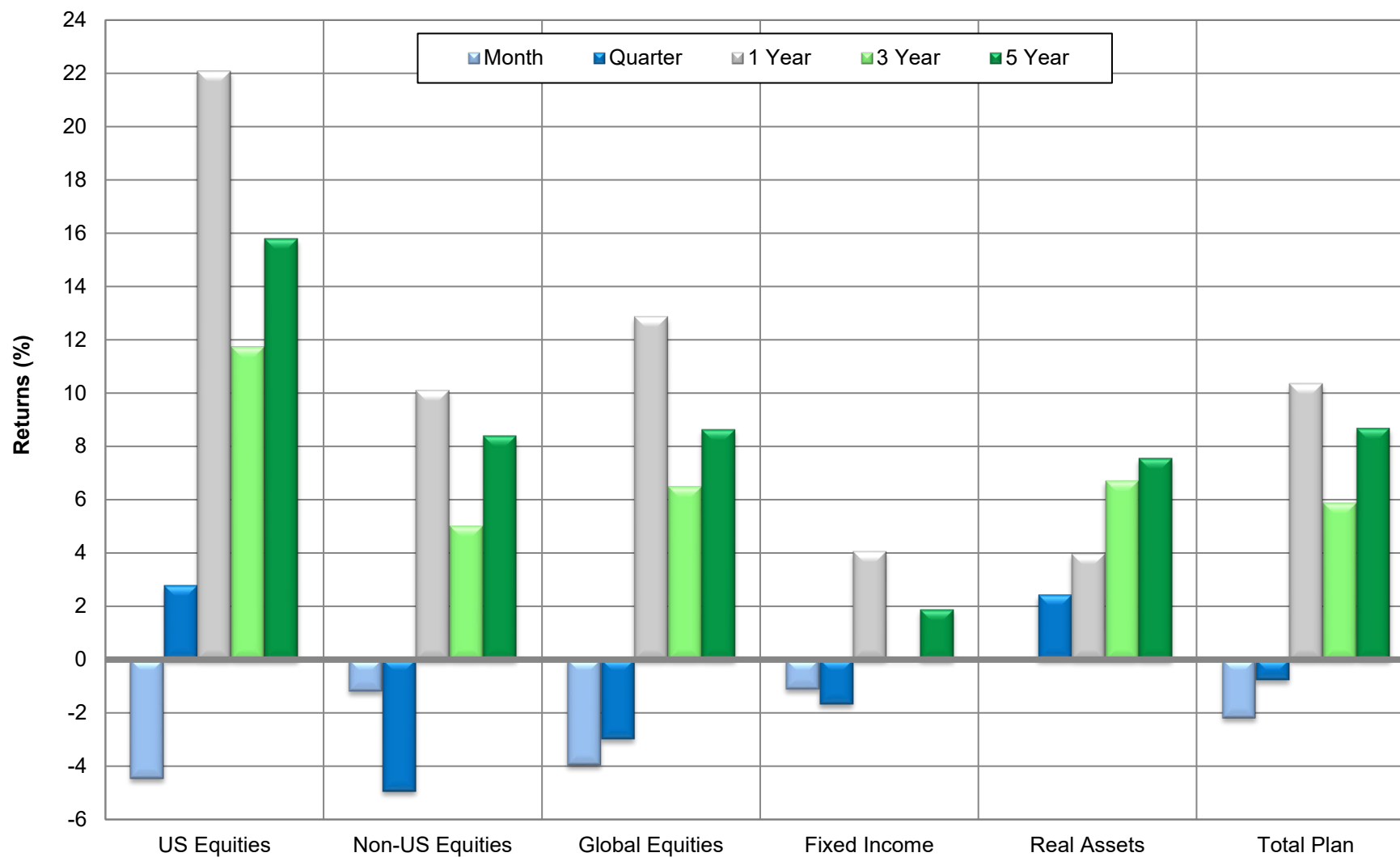
	1 Month	QTR	YTD	1 Year	2 Year	3 Year	5 Year	10 Year	15 Year	20 year
SONOMA TOTAL FUND POLICY INDEX	-1.75	-1.59	8.93	8.93	10.95	3.30	6.96	7.32	8.27	6.84
DJ Industrial Average Total Return Index	-5.13	0.93	14.99	14.99	15.58	7.56	10.55	11.57	12.45	9.72
S&P 500	-2.38	2.41	25.02	25.02	25.65	8.94	14.53	13.10	13.88	10.35
NASDAQ Composite Index	0.55	6.35	29.57	29.57	36.90	8.13	17.49	16.20	16.53	12.62
Russell 1000	-2.79	2.75	24.51	24.51	25.52	8.41	14.28	12.87	13.79	10.39
Russell 1000 Growth	0.88	7.07	33.36	33.36	37.94	10.47	18.96	16.78	16.45	12.56
Russell 1000 Value	-6.84	-1.98	14.37	14.37	12.91	5.63	8.68	8.49	10.75	7.89
Russell 2000	-8.26	0.33	11.54	11.54	14.20	1.24	7.40	7.82	10.33	7.79
Russell 2000 Growth	-8.19	1.70	15.15	15.15	16.89	0.21	6.86	8.09	10.92	8.32
Russell 2000 Value	-8.33	-1.06	8.05	8.05	11.30	1.94	7.29	7.14	9.46	7.01
Russell 3000	-3.06	2.63	23.81	23.81	24.88	8.01	13.86	12.55	13.56	10.22
MSCI ACWI EX US SMALL CAP	-2.13	-7.66	3.36	3.36	9.34	-1.47	4.30	5.66	6.04	6.26
S&P DEVELOPED EX U.S. SMALLCAP	-2.67	-8.88	0.39	0.39	7.01	-3.45	2.42	5.25	6.33	6.04
MSCI EAFE (NET)	-2.27	-8.11	3.82	3.82	10.80	1.65	4.73	5.20	5.24	4.81
MSCI EMERGING MARKETS	-0.14	-8.01	7.50	7.50	8.66	-1.92	1.70	3.64	3.99	6.76
MSCI AC World IMI w/USA GROSS (NET)	-2.67	-1.17	16.67	16.67	19.27	5.20	9.97	9.32	9.48	7.99
MSCI All Country World ex US IMI net	-1.97	-7.61	5.23	5.23	10.30	0.50	4.12	4.91	4.84	5.14
Bloomberg U.S. Aggregate	-1.64	-3.06	1.25	1.25	3.37	-2.41	-0.33	1.35	2.37	3.01
Bloomberg U.S. Universal	-1.51	-2.73	2.04	2.04	4.09	-1.95	0.06	1.73	2.75	3.31
Bloomberg US Mortgage Backed Securities	-1.65	-3.16	1.20	1.20	3.10	-2.13	-0.74	0.91	1.84	2.81
CS Leveraged Loan Index	0.59	2.29	9.05	9.05	11.03	6.84	5.73	5.13	5.36	4.92
CPI + 500 BPS 1 ML	0.35	1.45	7.88	7.88	8.08	9.51	9.36			
ICE BofA US 3-Month Treasury Bill	0.40	1.17	5.25	5.25	5.13	3.89	2.46	1.77	1.20	1.66
NCREIF ODCE 1 MO LAG	0.00	0.25	-7.27	-7.27	-9.74	-0.18	2.94	6.10	8.16	6.51
NCREIF FARMLAND INDEX 1 ML	0.00	-0.24	2.57	2.57	4.26	6.20	5.59	6.74	9.20	12.10
UBS CORE FARMLAND 1ML	0.00	0.37	6.38	6.38	8.17	9.65	8.17	6.90	8.75	10.92

1 Custom Index: 80% NCREIF Farmland Annual Cropland Fixed/Var Rent + 20% NCREIF Farmland Permanent Cropland Fixed/Var Rent

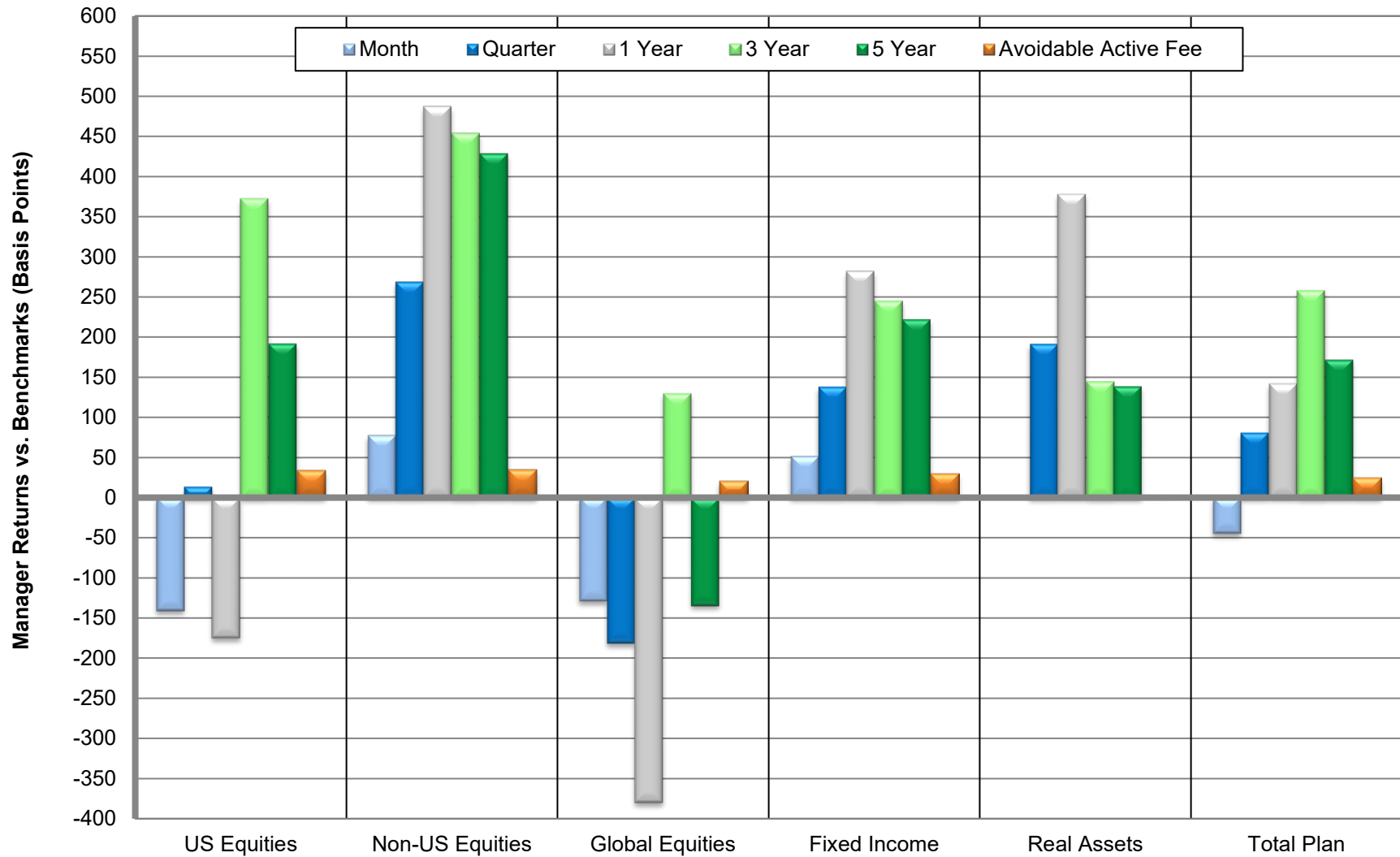
2 Russell 2000 Blended benchmark is Russell 2000 Value Index from 1/1/2000 to 12/31/2016. As of 1/1/2017 it is Russell 2000 Index.

Provided by State Street Analytics

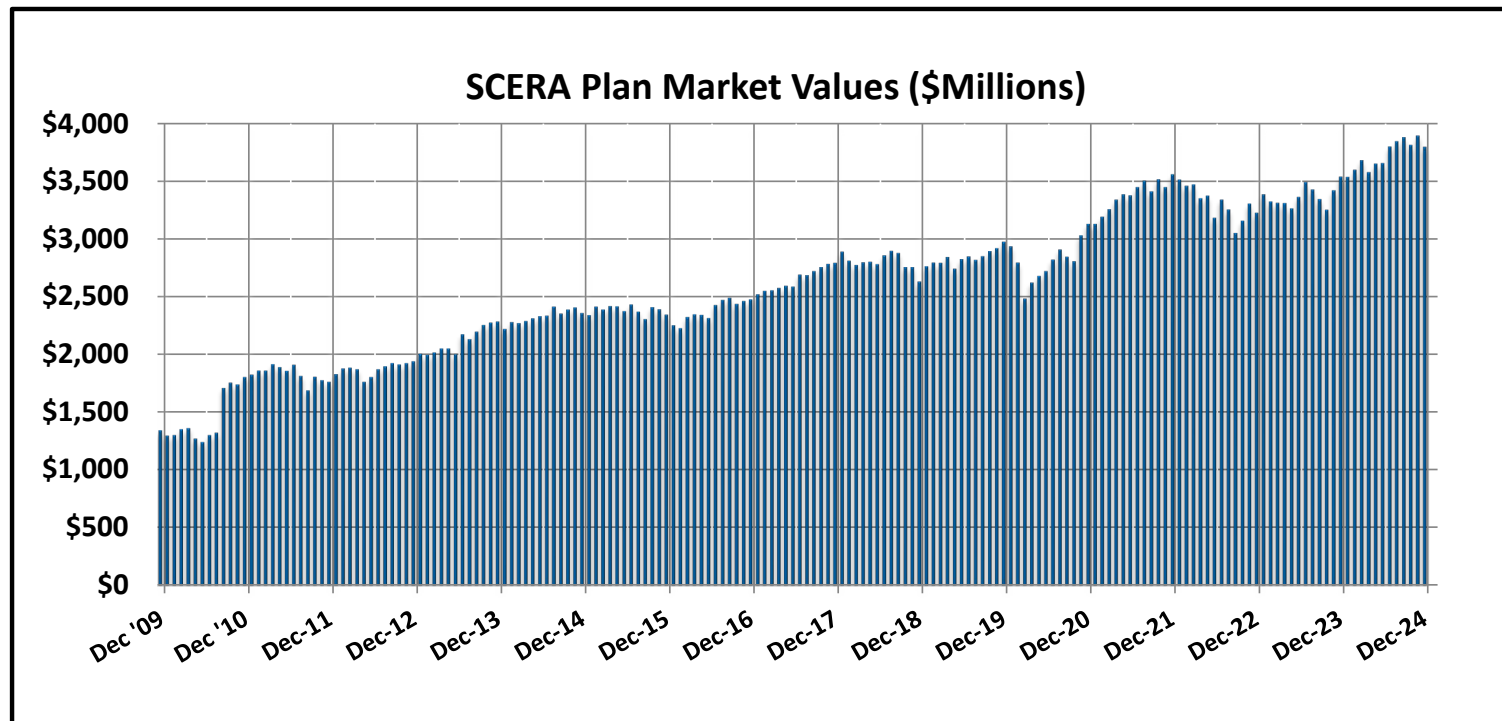
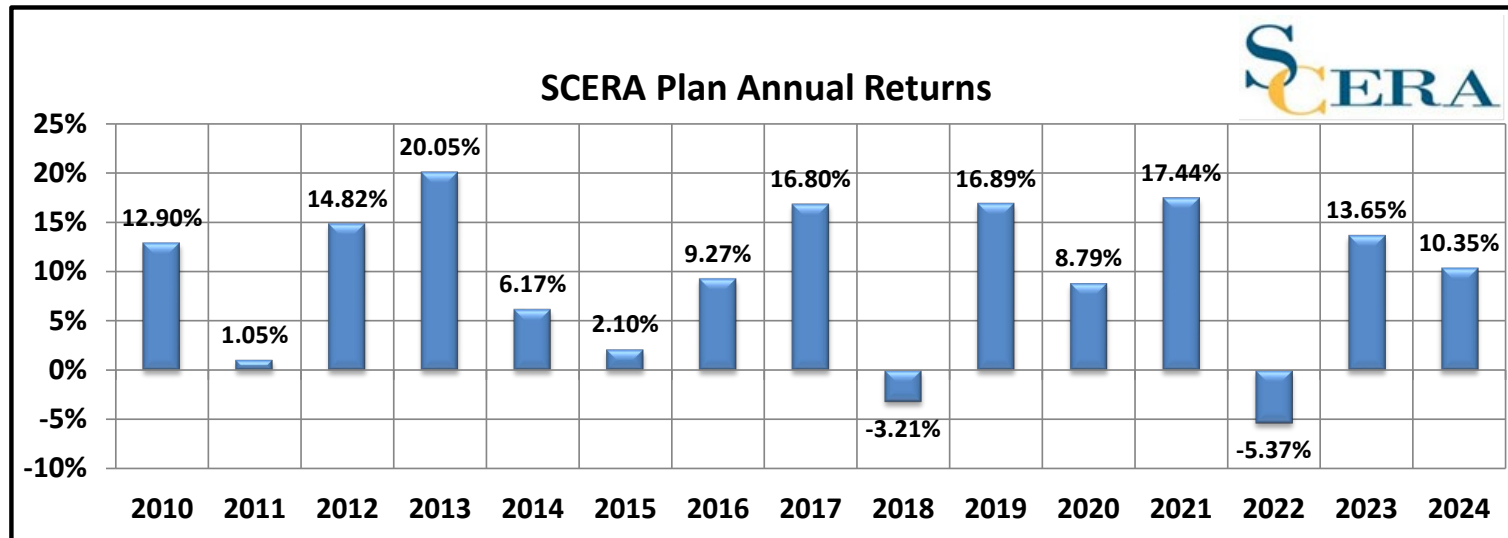
SCERA Investment Returns by Asset Class Periods Ending December 31, 2024

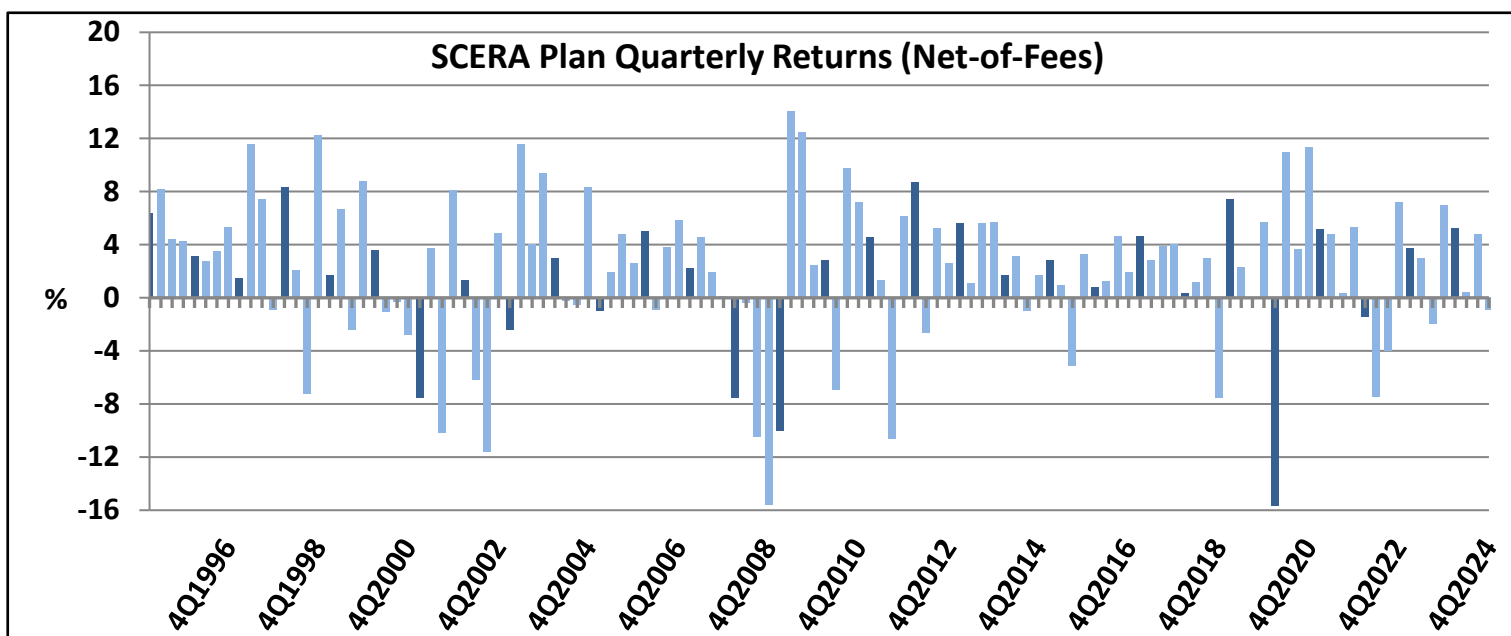
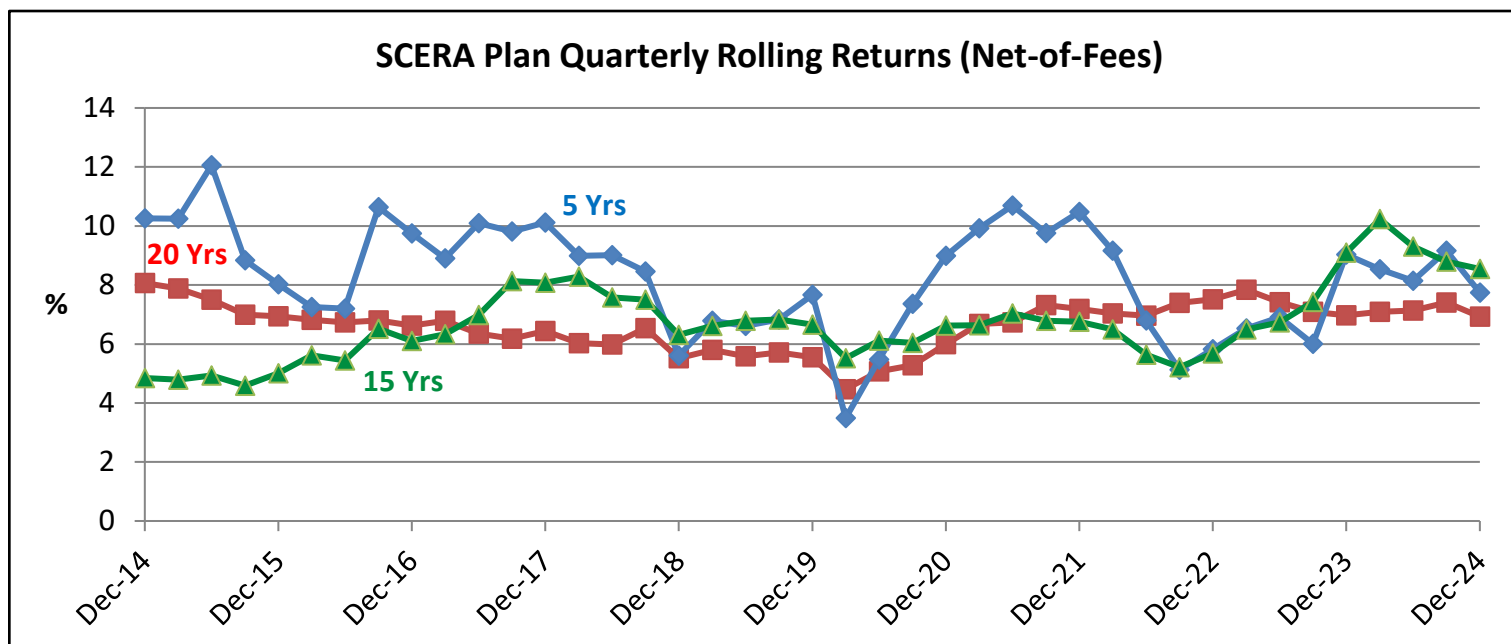


SCERA Asset Class Returns vs. Benchmarks Periods Ending December 31, 2024



Note: Real Assets have no passive alternative





Source: Aon

Sonoma County Employees' Retirement Association
SUMMARY OF "OPPORTUNISTIC" PERFORMANCE
INTERNAL RATES OF RETURN (NET-OF- BASE MANAGEMENT FEES)
Periods Ending **30-Nov-24**



DK SOF Fund III	
	USD
Total Capital Commitment	75,000,000
Capital Contributions ITD	(49,168,269)
Remaining Commitment	25,831,731
Capital Contributions ITD	49,168,269
Capital Distributions ITD	(58,684,784)
Net Profit/Loss ITD	13,804,913
Ending Appraised Value	4,288,398
Inception to Date IRR	7.58%
Initial Closing Date	8/24/2015
Investment Period Start Date	1/1/2016
Harvest Period Start Date	7/1/2017
Term End Date	7/1/2021

DK SOF Fund IV	
	USD
Total Capital Commitment	50,000,000
Capital Contributions ITD	(44,750,000)
Remaining Commitment	5,250,000
Capital Contributions ITD	44,750,000
Capital Distributions ITD	(52,468,160)
Net Profit/Loss ITD	18,925,659
Ending Appraised Value	11,207,499
Inception to Date IRR	12.91%
Initial Closing Date	7/28/2017
Investment Period Start Date	7/28/2017
Harvest Period Start Date	1/28/2020
Term End Date	1/28/2024

Note: The manager is not required to return all capital by the Fund "End Date" but is merely required to begin the process. There is no hard and fast date by which all capital must be returned.

Management Fee: 0.75%
Performance Fee Hurdle: 8.00%
Performance Fee: 10.00%

Source: Citco Fund Administration

Sonoma County Employees' Retirement Association

SUMMARY OF PERFORMANCE

RATES OF RETURN (GROSS-OF-FEES)

Periods Ending December 31, 2024

(All \$ in thousands)



													Inception Date
		Market Value	Month	3 Mos	YTD	1 Yr	3 Yrs	5 Yrs	10 Yrs	15 Yrs	20 Yrs	ITD	
U.S. EQUITY	TOTAL US EQUITY	799,203	-4.47	2.77	22.06	22.06	11.73	15.78	14.30	15.21	11.42	13.32	Jun-01-82
	BENCHMARK (RUSSELL 3000)		-3.06	2.63	23.81	23.81	8.01	13.86	12.55	13.56	10.22	12.35	
	JACOBS LEVY 130/30	326,136	-5.74	3.57	23.35	23.35	17.11	21.39	18.45	18.72		14.29	Mar-01-07
	RUSSELL 3000		-3.06	2.63	23.81	23.81	8.01	13.86	12.55	13.56		10.24	
	SSGA RUSSELL 1000 INDEX FUND	325,592	-2.81	2.72	24.46	24.46	8.39	14.27				13.50	Oct-01-18
	RUSSELL 1000		-2.79	2.75	24.51	24.51	8.41	14.28				13.50	
	SYSTEMATIC ¹ RUSSELL 2000 BLENDED	147,475	-6.86	-0.81	11.92	11.92	5.85	10.62	10.95	12.87	10.19	12.04	Jan-01-00
			-8.26	0.33	11.54	11.54	1.24	7.40	8.36	10.29	7.62	9.48	
NON-US EQUITY	TOTAL NON-US EQUITY	800,919	-1.20	-4.93	10.10	10.10	5.03	8.40	7.13	6.61	6.24	6.84	Apr-01-01
	BENCHMARK (BLEND)		-1.97	-7.61	5.23	5.23	0.50	4.12	4.91	4.78	4.69	5.01	
	² ARROWSTREET 130/30/20	373,287	0.11	-1.92	17.50	17.50	9.44	13.90	11.12			9.96	Feb-01-11
	³ MSCI INT'L EQUITY BLENDED II		-1.97	-7.61	5.23	5.23	0.50	4.12	4.91			4.27	
	⁴ SSGA ACWI EX-US IMI ROL STRATEGY	427,631	-2.31	-7.40	4.41	4.41	1.74	5.79	5.89			5.64	Jun-01-13
	MSCI ACWI EX-US IMI (NET)		-1.97	-7.61	5.23	5.23	0.50	4.12	4.91			4.77	
GLOBAL EQUITY	TOTAL GLOBAL EQUITY	603,018	-3.96	-2.98	12.87	12.87	6.50	8.63	7.57	8.16		7.29	Apr-01-05
	BENCHMARK (BLEND)		-2.67	-1.17	16.67	16.67	5.20	9.97	9.29	9.26		7.84	
	⁴ SSGA ACWI IMI ROL STRATEGY	268,891	-2.79	-0.90	16.72	16.72	6.93					10.26	Jan-01-21
	MSCI ACWI IMI (NET) with USA Gross		-2.67	-1.17	16.67	16.67	5.20					8.38	
	DODGE & COX	334,128	-4.87	-4.59	9.97	9.97	6.53	9.02	9.49	11.72	8.70	9.65	Aug-01-97
	⁵ MSCI Global Equity Blended II		-2.67	-1.17	16.67	16.67	5.20	9.97	8.96	11.07	8.13	7.97	

¹ Russell 2000 Value Inception to 12/31/2016 ; Russell 2000 1/1/2017 to Present

² Transitioned from separately managed long-only account into the Arrowstreet International Equity Alpha Extension Fund II on 9/1/2017. On 7/3/2023, SCERA transitioned from the 130/30 strategy to the 130/30/20 strategy.

³ MSCI AC World ex US (Net) 2/1/2011 to 03/31/2011 ; MSCI AC World ex US IMI (Net) 4/1/2011 to Present

⁴ Effective 3/5/2021, SCERA implemented rule of law (ROL) guidelines into the passive strategies managed by SSGA.

⁵ Russell 1000 Value to 9/30/2018; MSCI ACWI IMI (Net) with USA Gross 10/1/2018 to Present

PERFORMANCE SUMMARY (GROSS-OF-FEES)

Periods Ending December 31, 2024

PERFORMANCE SUMMARY (GROSS-OF-FEES)												Inception	
Periods Ending December 31, 2024												Date	
FIXED INCOME	TOTAL FIXED INCOME	533,531	-1.13	-1.68	4.07	4.07	0.04	1.89	2.74	3.87	4.36	6.33	Sep-01-86
	BENCHMARK (BB US AGGREGATE)		-1.64	-3.06	1.25	1.25	-2.41	-0.33	1.35	2.37	3.01	5.27	
	REAMS CORE PLUS	158,696	-1.86	-3.02	2.15	2.15	-1.25	2.30	3.09	4.28	4.90	5.05	Jul-01-01
	BB US AGGREGATE		-1.64	-3.06	1.25	1.25	-2.41	-0.33	1.35	2.37	3.01	3.55	
	DOUBLELINE CORE PLUS	134,596	-1.39	-2.74	3.64	3.64	-1.43	0.18	1.98			2.11	Jul-01-14
	BB US AGGREGATE		-1.64	-3.06	1.25	1.25	-2.41	-0.33	1.35			1.47	
	BB US MORTGAGE BACKED SECURITIES INDEX		-1.65	-3.16	1.20	1.20	-2.13	-0.74	0.91			1.05	
	PIMCO CORE PLUS	128,594	-1.41	-2.79	2.39	2.39	-2.00	0.23	1.88			2.63	Apr-01-11
	BB US AGGREGATE		-1.64	-3.06	1.25	1.25	-2.41	-0.33	1.35			2.09	
	GUGGENHEIM BANK LOANS	111,645	0.57	2.97	9.48	9.48	7.34	6.10	5.59			5.23	Oct-01-13
CREDIT SUISSE LEV LOAN INDEX		0.59	2.29	9.05	9.05	6.84	5.73	5.13			4.91		

REAL ASSETS*	TOTAL REAL ASSETS	910,470		2.42	3.98	3.98	6.72	7.55	7.70	9.09	5.92	6.07	Jan-01-03
	BENCHMARK (COMPOSITE)			0.51	0.20	0.20	5.27	6.16	7.15	8.85	7.03	7.31	
	JPMORGAN STRAT. PROPERTY FUND	147,161		0.82	-10.58	-10.58	-2.18	1.68	5.12			7.50	Jan-01-11
	NCREIF ODCE 1 MONTH LAGGED			0.25	-7.27	-7.27	-0.18	2.94	6.10			7.98	
	UBS TRUMBULL PROPERTY FUND	100,967		0.02	-6.43	-6.43	-2.68	-0.42	3.12	5.75	5.43	5.81	Jan-01-03
	NCREIF ODCE 1 MONTH LAGGED			0.25	-7.27	-7.27	-0.18	2.94	6.10	8.16	6.51	6.84	
	UBS AGRIVEST FARMLAND FUND	140,867		0.28	6.30	6.30	8.18	6.72	6.29			7.95	Nov-01-10
	CORE FARMLAND INDEX 1 MO. LAG			0.37	6.38	6.38	9.65	8.17	6.90			8.90	
	NCREIF FARMLAND INDEX 1 MO. LAG			-0.24	2.57	2.57	6.20	5.59	6.74			9.34	
	FIERA COMOX GLOBAL AGRICULTURE FUND	140,496		3.13	9.83	9.83						5.34	Nov-01-22
	NCREIF FARMLAND INDEX 1 MO. LAG			-0.24	2.57	2.57						3.92	
	IFM GLOBAL INFRASTRUCTURE FUND	127,813		3.55	6.22	6.22	7.96	9.10				10.54	Sep-01-17
	CPI + 500 bps 1 MO. LAG			1.59	7.55	7.55	9.65	9.19				8.47	
	AXINFRA NA II LP (\$ weighted)	95,808		0.54	5.82	5.82	9.01	9.11				9.10	Sep-01-19
	CPI + 500 bps 1 MO. LAG			1.59	7.55	7.55	9.65	9.19				9.19	
Opp.	KKR DCIF	157,357		2.20	8.24	8.24						7.38	May-01-22
	CPI + 500 bps 1 MO. LAG			1.59	7.55	7.55						7.98	

* Real Assets returns are reported quarterly with a one month lag.

STRATEGIC	PLAN LEVEL CASH	114,295	1.23	1.93	4.47	4.47	1.75	1.12	1.06	0.81		1.30	May-01-06
	91 DAY T-BILL		0.40	1.17	5.25	5.25	3.89	2.46	1.77	1.20		1.54	
	TOTAL STRATEGIC PORT EXCL OVERLAYS	3,761,436	-2.11	-0.59	10.40	10.40	5.97	8.45	8.16	9.01	7.44	9.35	Mar-01-79
	⁶ PARAMETRIC CASH OVERLAY G/L IMPACT	12,758	-0.11	-0.16	0.08	0.08	-0.07	0.37	0.32			0.31	Dec-01-13
Opp.	⁷ TOTAL STRATEGIC PORTFOLIO	3,774,194	-2.21	-0.75	10.44	10.44	5.85	8.70	8.37	9.18	7.56	9.40	Mar-01-79
	DAVIDSON KEMPNER FUNDS	14,619	0.10	-6.49	-3.96	-3.96	4.34	6.00	Staff calculated IRR			9.26	Jul-01-16
	⁸ BENCHMARK		2.04	1.78	14.95	14.95	4.74	7.81	Staff estimated value added			\$13,390	

TOTAL	TOTAL PLAN	3,788,813	-2.20	-0.78	10.35	10.35	5.88	8.68	8.38	9.18	7.56	9.40	Mar-01-79
	TOTAL PLAN TARGET POLICY		-1.75	-1.59	8.93	8.93	3.30	6.96	7.32	8.27	6.84	9.64	

⁶ Cash Overlay Impact includes the gains/losses from the GBP hedge for the investment in Davidson Kempner SOF III-A.

⁷ Returns prior to Dec 2022 include impact of the Parametric EIRP overlay strategy.

⁸ Opportunistic and its benchmark (which is the Total Plan Policy) return are lagged one month.

Source: State Street Analytics

Sonoma County Employees' Retirement Association
ASSET ALLOCATION vs. POLICY RANGES
Period Ending: December 31, 2024
(All \$ in thousands)



	Market Values	% of Strategic Assets	Trigger for Physical Rebalance	Policy Targets	Trigger for Physical Rebalance	Derivatives Overlay	Economic Exposure	% of Total Plan assets	Trigger for Derivative Rebalance	Policy Targets	Trigger for Derivative Rebalance
Core Plus Fixed Income	421,887	11.6%	10.0%	12.0%	14.0%	52,273					
Total Alternative Fixed Income	111,645	3.1%	2.0%	3.0%	4.0%						
Total Fixed Income	533,531	14.6%	13.0%	15.0%	17.0%	52,273	585,804	15.5%	14.0%	15.0%	16.0%
Core Real Estate	248,128	6.8%		10.0%							
Farmland	281,363	7.7%		8.0%							
Infrastructure	380,979	10.4%		8.0%							
Total Real Assets	910,470	25.0%	21.0%	26.0%	31.0%		910,470	24.1%		26.0%	
US Large Cap Broad	326,136	8.9%		9.0%		20,096	346,232	9.2%	8.0%	9.0%	10.0%
US Large Cap	325,592	8.9%		8.5%		297	325,888	8.6%	7.5%	8.5%	9.5%
US Small Cap	147,475	4.0%		4.0%		7,431	154,907	4.1%	3.5%	4.0%	4.5%
Total US Equity	799,203	21.9%	19.5%	21.5%	23.5%	27,824	827,027	21.9%		21.5%	
Non- US Equity	800,919	22.0%	19.5%	21.5%	23.5%	26,184	827,103	21.9%	20.5%	21.5%	22.5%
Global Equity	603,018	16.5%	14.0%	16.0%	18.0%	17,880	620,898	16.5%	15.0%	16.0%	17.0%
Total Equities	2,203,140	60.4%	56.0%	59.0%	62.0%	71,889	2,275,029	60.3%	57.0%	59.0%	61.0%
Total Strategic Port. ex Cash	3,647,141	100%									
Cash (Plan + Overlays)	127,053					(124,161)	2,891	0.1%			
Opportunistic	14,619										
Davidson Kempner	14,619						14,619				
Total Plan Assets	3,788,813						3,788,813	100.0%			

Non-US as % of Total Equities - Physicals **45.8%**
Non-US as % of Total Equities - Economic Exposure **45.8%**
Non-US as % of Total Equities - Policy Target **50.0%**
Non-US as % of MSCI All Country World IM Index **34.7%**

Note: 1) The total market exposure gained/reduced in addition to the managers by using derivatives within the Parametric overlay account is \$124.2 million.
2) The total physical cash (including manager cash) being overlaid by Parametric is \$131.7 million.
3) The Total Cash contains \$12.8 million for the margin account supporting the Parametric Cash overlay.
4) Parametric compensates for the excess to Policy weighting of Real Assets by adjusting downwards the targets and ranges for the other asset classes, and vice versa.