FUND EVALUATION REPORT

San Jose Federated City Employees' Retirement System

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Quarterly Review June 30, 2017

Data is provided for informational purposes only, may not be complete, and cannot be relied upon for any purpose other than for discussion.

Meketa Investment Group has prepared this report on the basis of sources believed to be reliable. The data are based on matters as they are known as of the date of preparation of the report, and not as of any future date, and will not be updated or otherwise revised to reflect information that subsequently becomes available.

1. The World Markets in the Second Quarter of 2017

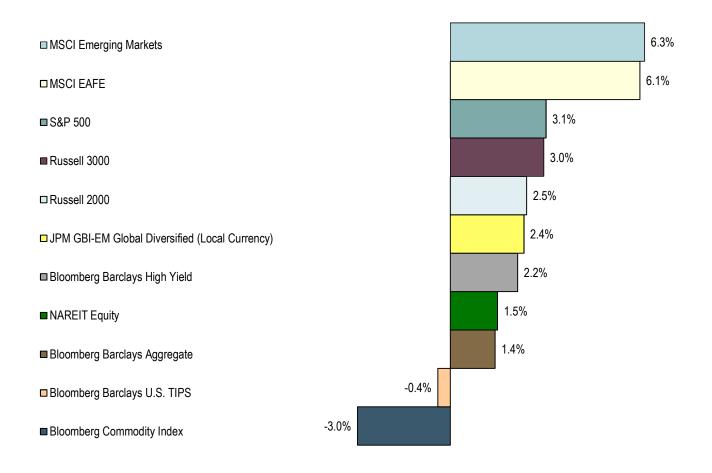
2. Executive Summary

- Aggregate Plan Overview
- Manager Highlights
- Second Quarter Manager Summary
- Market Environment 2Q17 Overview

3. 2Q17 Review

The World Markets Second Quarter of 2017

The World Markets¹ Second Quarter of 2017



¹ Source: Thomson Reuters.



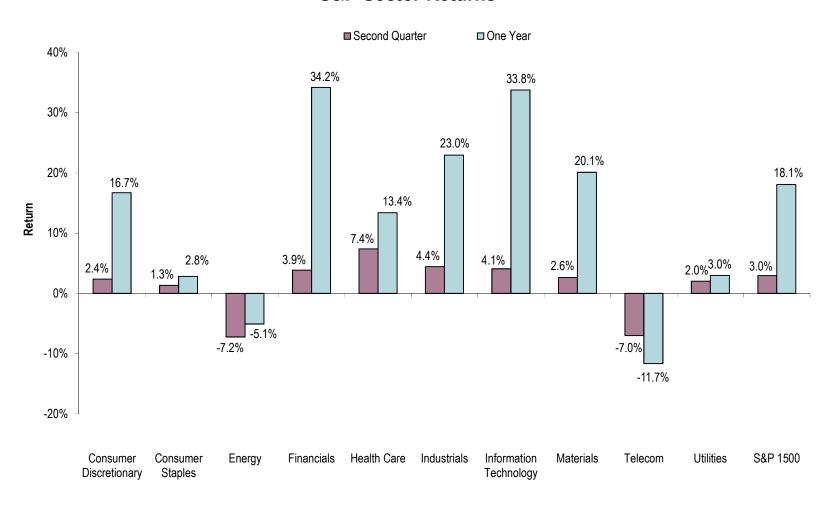
Index Returns¹

	2Q17 (%)	1 YR (%)	3 YR (%)	5 YR (%)	10 YR (%)
Domestic Equity					
Russell 3000	3.0	18.5	9.1	14.6	7.3
Russell 1000	3.1	18.0	9.3	14.7	7.3
Russell 1000 Growth	4.7	20.4	11.1	15.3	8.9
Russell 1000 Value	1.3	15.5	7.4	13.9	5.6
Russell MidCap	2.7	16.5	7.7	14.7	7.7
Russell MidCap Growth	4.2	17.0	7.8	14.2	7.9
Russell MidCap Value	1.4	15.9	7.5	15.1	7.2
Russell 2000	2.5	24.6	7.4	13.7	6.9
Russell 2000 Growth	4.4	24.4	7.6	14.0	7.8
Russell 2000 Value	0.7	24.9	7.0	13.4	5.9
Foreign Equity					
MSCI ACWI (ex. U.S.)	5.8	20.5	0.8	7.2	1.1
MSCI EAFE	6.1	20.3	1.1	8.7	1.0
MSCI EAFE (Local Currency)	2.7	22.1	7.0	12.5	2.0
MSCI EAFE Small Cap	8.1	23.2	5.6	12.9	3.4
MSCI Emerging Markets	6.3	23.7	1.1	4.0	1.9
MSCI Emerging Markets (Local Currency)	6.6	21.8	6.1	7.6	4.3
Fixed Income					
Bloomberg Barclays Universal	1.5	0.9	2.8	2.7	4.7
Bloomberg Barclays Aggregate	1.4	-0.3	2.5	2.2	4.5
Bloomberg Barclays U.S. TIPS	-0.4	-0.6	0.6	0.3	4.3
Bloomberg Barclays High Yield	2.2	12.7	4.5	6.9	7.7
JPM GBI-EM Global Diversified (Local Currency)	2.4	6.7	7.0	6.6	8.2
Other					
NAREIT Equity	1.5	-1.7	8.4	9.5	6.0
Bloomberg Commodity Index	-3.0	-6.5	-14.8	-9.2	-6.5
HFRI Fund of Funds	0.8	6.5	1.5	3.9	0.9

¹ Source: Thomson Reuters.



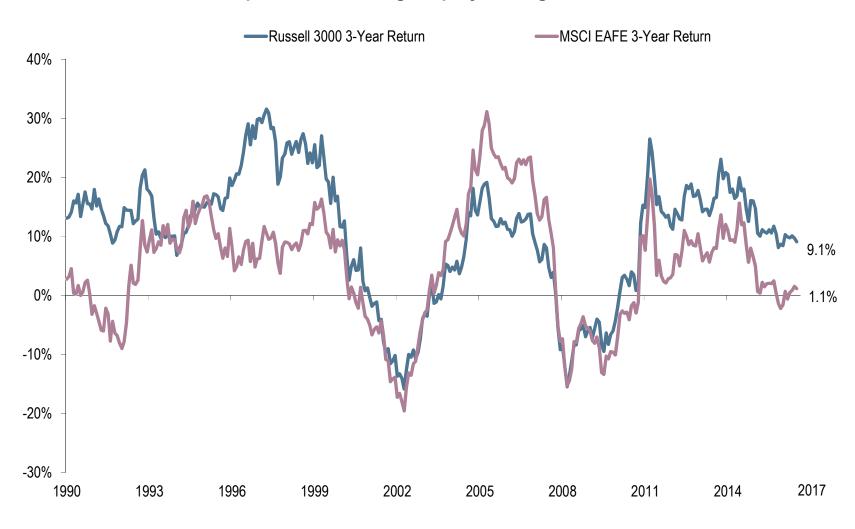
S&P Sector Returns¹

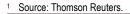


¹ Source: Thomson Reuters. Represents S&P 1500 (All Cap) data.



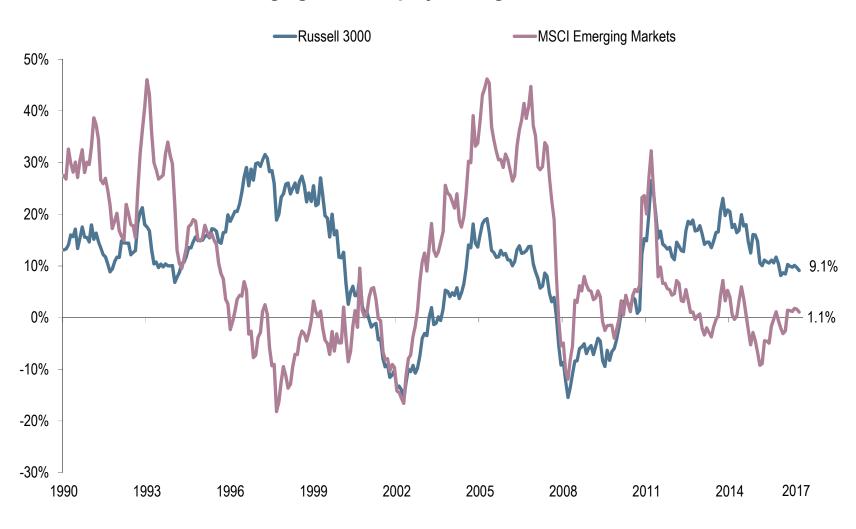
U.S. and Developed Market Foreign Equity Rolling Three-Year Returns¹

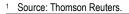






U.S. and Emerging Market Equity Rolling Three-Year Returns¹

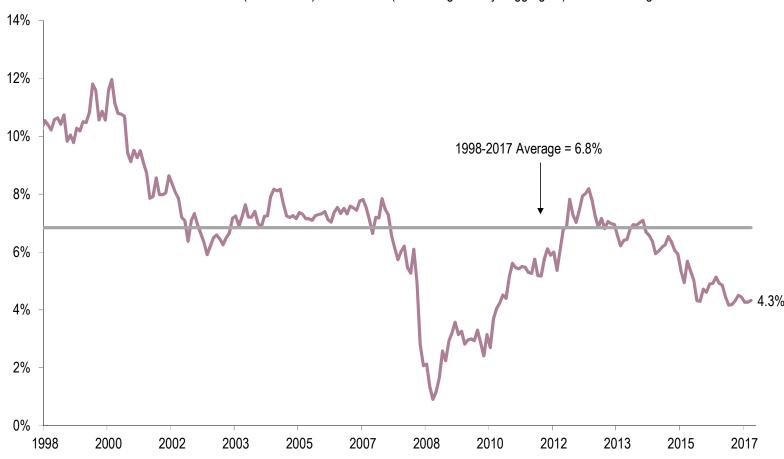


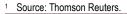




Rolling Ten-Year Returns: 65% Stocks and 35% Bonds¹

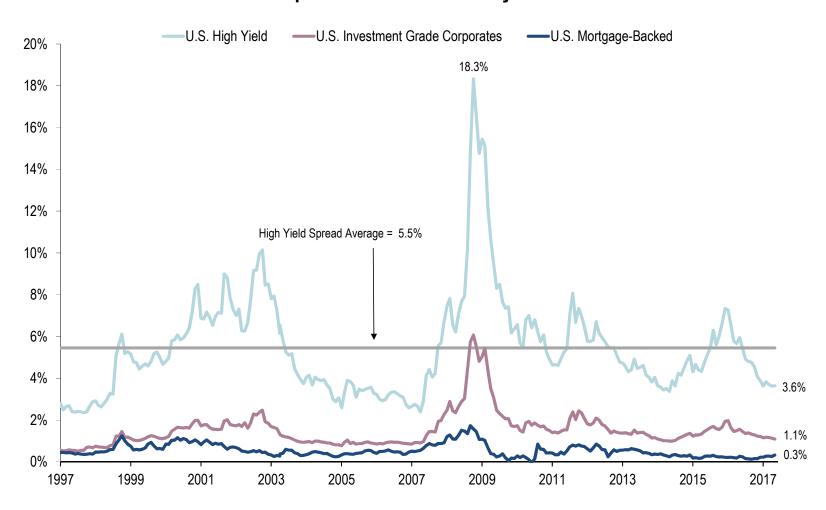
——65% Stocks (MSCI ACWI) / 35% Bonds (Bloomberg Barclays Aggregate) 10-Year Rolling Return







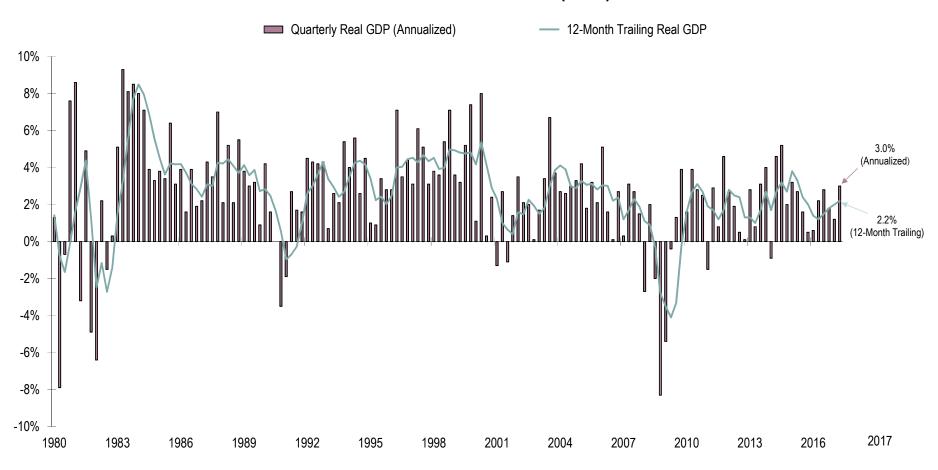
Credit Spreads vs. U.S. Treasury Bonds^{1, 2}



Source: Barclays Live.
 The median high yield spread was 5.0% from 1997-2017.



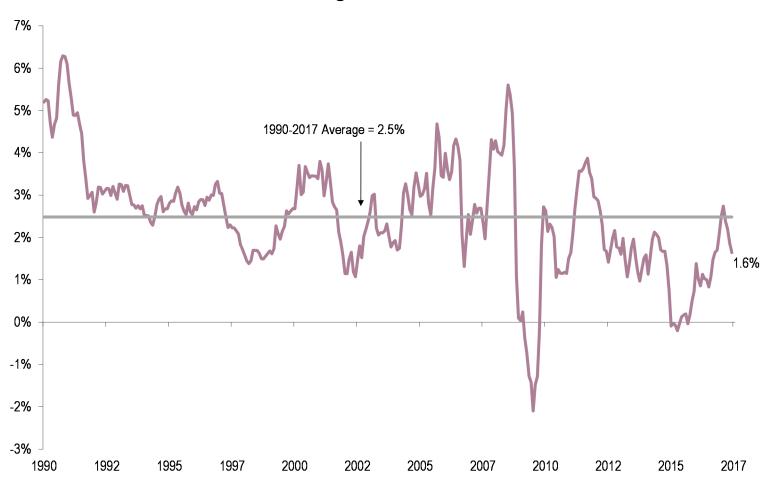
U.S. Real Gross Domestic Product (GDP) Growth¹



Source: Bureau of Economic Analysis. Data is as of the second quarter of 2017 and represents the second estimate.



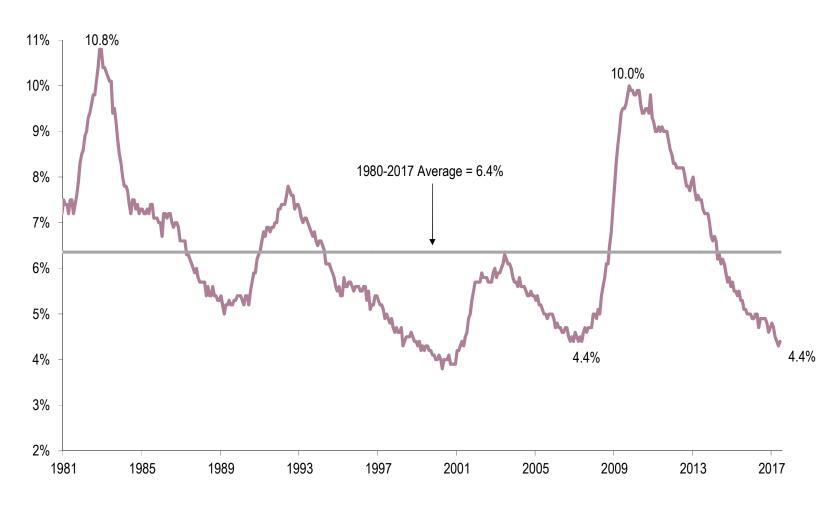
U.S. Inflation (CPI)
Trailing Twelve Months¹



Source: Bureau of Labor Statistics. Data is non-seasonally adjusted CPI, which may be volatile in the short-term. Data is as of June 30, 2017.



U.S. Unemployment¹



Source: Bureau of Labor Statistics. Data is as of June 30, 2017.



Executive Summary As of June 30, 2017

The value of the San Jose Federated City Employees' Retirement System assets was \$1,998 million on June 30, 2017, a decrease of approximately \$10.2 million from the end of the prior quarter. The System had net cash outflows of \$53.4 million during the quarter.

- The Retirement System's net of fees performance for the quarter was +2.0%, underperforming the Policy Benchmark (+2.4%), but slightly outperforming the Custom Benchmark (+1.9%). The Retirement System underperformed the peer Public Defined Benefit Plans > \$1 Billion Universe's median return of +2.9%.
- The Retirement System returned +7.5% for the fiscal year, mixed relative to the Policy Benchmark (+8.1%), Custom Benchmark (+6.5%), and the peer median (+12.7%). The Retirement System's standard deviation of returns was 2.2%, exhibiting lower volatility than the peer median (3.2%).
 - Total Global Equity returned +4.6% for the quarter and +17.7% for the fiscal year, versus +4.2% and +19.0% for the MSCI ACWI IMI over the same periods, respectively. For the fiscal year, Global Equity returned +23.4%, U.S. Equity returned +18.4%, International Equity returned +19.3%, Emerging Markets Equity returned +17.7%, and Marketable Alternative Equity returned +7.6%.
 - Global Fixed Income returned +1.6% for the quarter and +2.2% for the fiscal year, versus +2.5% and -0.2% for the Custom Benchmark over the same periods, respectively. For the fiscal year, Global Core returned +0.7%, Non-Investment Grade Credit returned +9.6%, and Emerging Markets Debt returned +5.5%.
 - Real Assets returned +0.7% for the quarter and +5.7% for the fiscal year. For the fiscal year,
 Real Estate returned +10.5%, Commodities returned -1.8%, Infrastructure returned +8.2%, and
 Natural Resources returned +8.8%.
- The Retirement System funded two new investment managers during the quarter: Artisan Global Opportunities (Global Equity) and GQG Partners Global Emerging Markets (Emerging Markets Equity).

Artisan

• Artisan Global Value returned +5.9% for the quarter, outperforming the MSCI ACWI Value by 300 basis points. For the quarter, all but eight portfolio stocks in the Global Value Fund has positive returns. The top contributors for the quarter were Samsung Electronics (+13%), Citigroup (+12%), and Oracle (+13%).

Voya

• Voya Securitized Credit outperformed the BBgBarc Global Aggregate Securitized TR for the quarter (+3.6% vs. 1.8%). Over the fiscal year, Voya also had very strong performance (+9.3%) outperforming the benchmark by 910 basis points. The portfolios overweight to Non-Agency RMBS was the largest positive contributor to active excess returns during the quarter, supported by favorable technicals and a recovering housing market.

Oberweis

• Oberweis International Opportunities Fund returned 8.9% for the quarter and +16.8% for the fiscal year, outperforming the MSCI World ex US Small Cap Growth for the quarter (+8.2%) but underperforming over the one-year period (19.1%). Oberweis benefitted in the quarter from its relative overweight positioning in the United Kingdom (26.3% vs. 16.2%) as rising political certainty and improving economic data lifted markets post-Brexit. The top contributors for the quarter were Ipsen S.A (+37.3%), Aristocrat Leisure Ltd (+27.1%), and Logitech International (+15.7%).

Pinnacle

• Pinnacle Natural Resources outperformed the Bloomberg Commodity Index for the quarter (+0.3% vs. -3.0%), but underperformed for the fiscal year (-9.7% vs. -6.5%). Despite the relatively strong quarterly outperformance, Pinnacle has underperformed the benchmark by 1,180 basis points since inception in January 2016.

¹ All returns calculated by the System's Custodian and are shown net of fees.



Second Quarter Manager Summary

Investment Manager	Asset Class	Changes/ Announcements	Performance Concerns	Meketa Recommendation ¹	Comments
Artisan Global Value	Global Equity	Yes		Hold	Personnel Changes
Artisan Global Opportunities	Global Equity				Funded in June-17
Cove Street Small Cap Value	Small Cap Equity	Yes		Hold	AUM reduction
Aberdeen Frontier Markets	Frontier Markets Equity	Yes		Hold	Personnel Changes, Proposed Merger
Comgest Global EM	Emerging Markets Equity				
GQG Partners Global EM	Emerging Markets Equity				Funded in June-17
Dimensional EM Value	Emerging Markets Equity	Yes		Hold	Personnel Changes
Senator Global Opportunity	Long-Short Equity				
Horizon Portfolio I	Long-Short Equity				
Sandler Plus	Long-Short Equity				
Marshall Wace Eureka	Long-Short Equity				
Voya Securitized Credit	Global Credit				
Davidson Kempner Inst.	Long-Short Credit				
Claren Road Credit Fund	Long-Short Credit				
BlueBay EM Select Debt	Global Credit	Yes		Hold	Personnel Changes
Credit Suisse Risk Parity	Commodities	Yes		Hold	Restructuring Transition
Pinnacle Natural Resources	Commodities		Yes	Hold	Significant Underperformance

¹ The Meketa Investment Group recommendations are based on the noted organizational or resource changes at each manager.



Artisan

• During the quarter, the Global Value team added one research associate and one analyst.

Aberdeen

- During the quarter, the Global Emerging Markets Equity team added three analysts and had one investment manager departure.
- Subsequent to the end of the second quarter, the merger of Aberdeen and Standard Life was successfully completed. The merged firm will be called Aberdeen Standard Investments.

Cove Street

• During the quarter, Cove Street Capital's Value Small Cap strategy lost \$140 million in assets under management. As of June 30, 2017, the strategy had \$710 million in assets, down from \$830 million at the end of the prior quarter.

Dimensional

• Subsequent to the end of the first quarter, Henry Gray, Head of Global Equity Trading, left the firm. Ryan Wiley, previously Head of Americas trading, and John Romiza, previously Head of International Trading, were appointed Co-Heads of Global Equity Trading.

BlueBay

 As previously announced, Alex Khein, BlueBay's CEO resigned and his responsibilities were transferred to Erich Gerth on May 1, 2017. Mr. Gerth's responsibilities as BlueBay's Global Head of Business Development were assumed by Cenk Turkinan, Head of Institutional Sales and Consultant Relations. The changes do not affect the management of any funds or accounts.



Credit Suisse

- In April 2017, Credit Suisse Asset Management ("CSAM") announced that the Volaris business, which employed an options-based volatility strategy, had spun off into an independent advisory firm, Volaris Capital Management LLC.
- In June 2017, a Cooperation was formed between CSAM and River and Mercantile Group PLC (RMG) whereby the Emerging Markets ILC equities team became part of the Asset Management division of RMG. The transition of the ILC team resulted in assets being transferred initially under an investment advisor agreement, and subject to regulatory approval, the Luxemburg UCITS funds will be transferred and renamed to RMG.

Pinnacle

• Pinnacle Natural Resources outperformed by 330 basis points for the quarter, but remained 1,180 basis points behind the benchmark since inception in January 2016.

Market Environment – 2Q17 Overview

Benchmark	Scope	2Q17 (%)	1 YR (%)	3 YR (%)	5YR (%)	10 YR (%)	MSCI ACWI IMI		
Global Equity	·	` ′	` ,	` ′	, ,	` ,	MSCI ACWI IMI Net (Local)		
MSCI ACWI IMI	World	4.2	19.0	4.9	10.7	3.9	S&P 500		
MSCI ACWI IMI Net (Local)	World (Local)	3.1	19.4	7.7	12.7	4.5	Russell 1000		
Domestic Equity							Russell 1000 Growth		
S&P 500	Large Core	3.1	17.9	9.6	14.6	7.2	Russell 1000 Value		
Russell 1000	Large Core	3.1	18.0	9.3	14.7	7.3	Russell 2000		
Russell 1000 Growth	Large Growth	4.7	20.4	11.1	15.3	8.9	Russell 2000 Growth		
Russell 1000 Value	Large Value	1.3	15.5	7.4	13.9	5.6	Russell 2000 Value	-	
Russell 2000	Small Core	2.5	24.6	7.4	13.7	6.9			
Russell 2000 Growth	Small Growth	4.4	24.4	7.6	14.0	7.8	Russell 3000		
Russell 2000 Value	Small Value	0.7	24.9	7.0	13.4	5.9	MSCI World ex US		
Russell 3000	All Cap Core	3.0	18.5	9.1	14.6	7.3	MSCI EAFE		0
International Equity						4.0	MSCI EAFE (Local)		
MSCI World ex. U.S.	World ex. U.S.	5.6	19.5	0.7	8.1	1.0	MSCI EM		
MSCI EAFE	Int'l Developed	6.1 2.7	20.3 22.1	1.1 7.0	8.7 12.5	1.0 2.0	MSCI EM (Local)		
MSCI EAFE (Local)	Int'l Developed (Local) Emerg. Markets	6.3	23.7	7.0 1.1	4.0	2.0 1.9	Barclays Global Aggregate		_
MSCI Emerging Markets MSCI Emerging Markets (Local)	Emerg. Markets (Local)	6.6	21.8	6.1	4.0 7.6	4.3	Citi WGBI		Quarter
Global Fixed Income	Lillery. Warkets (Local)	0.0	21.0	0.1	7.0	4.5			1 Year
Barclays Global Aggregate	Global Core Bonds	2.6	-2.2	-0.4	0.8	3.7	S&P Global Leveraged Loan	-	
Citi WGBI	World Gov. Bonds	2.9	-4.1	-1.0	-0.2	3.5	JPM GBI-EM GD		
S&P Global Leveraged Loan	Bank Loans	2.5	8.3	2.3	4.3	4.1	JPM EMBI Global TR		
JPM GBI-EM GD	Emerg. Bonds (Local)	2.4	6.7	7.0	6.6	8.2	Barclays US Aggregate	.	
JPM EMBI Global TR	Emerg. Bonds	2.2	5.5	4.6	5.2	7.3	Barclays US HY		
Domestic Fixed Income	J						Barclays US TIPS		
Barclays U.S. Aggregate	Core Bonds	1.4	-0.3	2.5	2.2	4.5	Cambridge Assoc.PE ldx 1Q Lag		
Barclays U.S. High Yield	High Yield	2.2	12.7	4.5	6.9	7.7	NCREIF Property		
Barclays U.S. TIPS	Inflation	-0.4	-0.6	0.6	0.3	4.3	Bloomberg Commodity		
Other							•		
Cambridge Assoc. PE Index (1Q-Lag)	Private Equity	3.9	17.3	10.2	12.4	9.7	DJ Brookfield Global Infra.		
NCREIF Property	Real Estate	1.8	7.0	10.2	10.5	6.4	S&P Global Natural Resources		
Bloomberg Commodities	Commodities	-3.0	-6.5	-14.8	-9.2	-6.5	HFRI Macro (Total)	_	
DJ Brookfield Global Infrastructure	Infrastructure	3.7	8.0	2.4	9.6	7.0	-10%	-5% 0% 5% 10% 15% 20)% 25%
S&P Global Natural Resources	Natural Resources	-0.9	15.3	-4.7	0.5	-0.5	-1070	Return	,0 20/0
HFRI Macro (Total)	Hedge Funds	-0.7	-2.4	1.1	1.0	2.2			



2Q17 Review

Policy	Current	Overlay Net							
				Allocation vs	. Targets a	nd Policy			
				Current Balance	Current Allocation	Russell Overlay Net Position	Policy	Policy Range	Within IPS Range?
28.0%		i i	Total Global Equity	\$682,047,413	34.1%	31.9%	28.0%	20.0% - 36.0%	Yes
	34.1%	31.9%	US Equity	\$100,208,892	5.0%	5.5%		-	
			International Equity	\$187,922,412	9.4%	10.2%		-	
			Global Equity	\$213,789,559	10.7%	7.6%			-
			Emerging Markets Equity	\$91,404,252	4.6%	4.2%		-	
9.0%		2.8%	Marketable Alternative Equity	\$88,722,298	4.4%	4.4%	6.0%	3.0% - 9.0%	Yes
	2.8%		Private Equity	\$56,692,993	2.8%	2.8%	9.0%	4.0% - 14.0%	No
			Global Fixed Income	\$386,378,684	19.3%	18.6%	19.0%	9.0% - 29.0%	Yes
		18.6%	Global Core	\$290,750,489	14.5%	13.7%	12.0%	7.0% - 17.0%	Yes
19.0%	19.3%		Non-Investment Grade Credit	\$41,776,968	2.1%	2.1%	4.0%	0.0% - 6.0%	Yes
			Emerging Markets	\$53,851,227	2.7%	2.7%	3.0%	0.0% - 5.0%	Yes
		4.0%	Private Debt	\$80,227,746	4.0%	4.0%	5.0%	0.0% - 10.0%	Yes
5.0%	4.0%		Real Assets	\$460,630,018	23.0%	23.0%	23.0%	15.0% - 30.0%	Yes
			Real Estate	\$116,095,240	5.8%	5.8%	7.0%	4.0% - 10.0%	Yes
			Commodities	\$128,136,299	6.4%	6.4%	6.0%	2.0% - 10.0%	Yes
	02.00/	23.0%	Infrastructure	\$107,257,628	5.4%	5.4%	5.0%	2.0% - 8.0%	Yes
23.0%	23.0%		Natural Resources	\$109,140,851	5.5%	5.5%	5.0%	2.0% - 8.0%	Yes
			Absolute Return	\$257,871,313	12.9%	12.9%	11.0%	6.0% - 16.0%	Yes
			GTAA/Opportunistic			0.0%	5.0%	0.0% - 8.0%	Yes
		10.00/	Cash	\$74,620,764	3.7%	6.8%	0.0%	0.0% - 10.0%	Yes
11.0%	12.9%	12.9%	Total	\$1,998,468,931	100.0%	100.0%	100.0%		
		-0.0%-							
5.0% 0.0%	3.7%	6.8%							

Data in the column titled "Russell Overlay Net Position" is based on physical exposures, adjusted for synthetic positions provided by Russell Investments.
 Global Equity includes <\$0.1 million of residuals from terminated managers or previous transitions.
 Cash includes the cash account, cash equitized in the Russell Investments Overlay program, cash from private manager distributions, and residuals from the Terminated Manager Account.



Asset Class Net Performance Summary											
	Market Value (\$)	% of Portfolio	QTD (%)	YTD (%)	Fiscal YTD (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Return (%)	Since
Total Fund Aggregate	1,998,468,931	100.0	2.0	4.9	7.5	7.5	1.9	5.4	3.2	6.7	Jan-94
San Jose FCERS Policy Benchmark			2.4	5.9	8.1	8.1	1.9	6.1	3.9	7.0	Jan-94
San Jose FCERS Custom Benchmark			1.9	4.8	6.5	6.5	1.7	5.4	3.2		Jan-94
InvestorForce Public DB > \$1B Net Median			2.9	7.4	12.7	12.7	4.9	8.6	4.8	7.2	Jan-94
InvestorForce Public DB > \$1B Net Rank			99	98	96	96	96	94	96	74	Jan-94
Total Global Equity	682,047,414	34.1	4.6	10.6	17.7	17.7	4.3	10.4		8.4	May-10
MSCI ACWI IMI Net USD	l		4.2	11.3	19.0	19.0	4.9	10.7	-[8.4	May-10
Global Equity	213,789,559	10.7	4.9	10.6	23.4	23.4			-	9.8	Jul-15
MSCI ACWI IMI Net USD			4.2	11.3	19.0	19.0				7.0	Jul-15
US Equity	100,208,892	5.0	2.9	7.4	18.4	18.4				9.2	Jul-15
Russell 3000			3.0	8.9	18.5	18.5				10.0	Jul-15
International Equity	187,922,412	9.4	6.4	14.4	19.3	19.3				4.6	Jul-15
MSCI World ex USA			5.6	12.8	19.5	19.5				3.8	Jul-15
Emerging Markets Equity	91,404,252	4.6	4.7	15.0	17.7	17.7				2.8	Jul-15
MSCI Emerging Markets			6.3	18.4	23.7	23.7				4.3	Jul-15
Marketable Alternative Equity	88,722,298	4.4	2.7	5.9	7.6	7.6				5.3	Oct-14
HFRI Equity Hedge (Total) Index	l		2.0	5.9	12.2	12.2				3.7	Oct-14
Private Equity	56,692,993	2.8	6.5	6.6	10.3	10.3	8.6	10.8	7.7	6.7	Jan-06
Cambridge PE Composite BM	l		4.1	7.4	12.0	12.0	8.2	11.4	8.8	10.6	Jan-06



Fiscal Year begins July 1.
 Beginning in July 2012, fees are accounted for on a cash basis. Previously, fees were accounted for on an accrual basis.
 Please see the Appendix for composition of the San Jose FCERS Policy Benchmark.

⁴ San Jose FCERS Custom Benchmark consists of the individual benchmarks that comprise the San Jose FCERS Policy Benchmark weighted accordingly to actual allocations and re-adjusted monthly. 5 Global Equity includes <\$0.1 million of residuals from terminated managers or previous transitions.

⁵ Returns for the Equity Aggregate are gross of fees through June 2015 and net of fees thereafter.

	Market Value (\$)	% of Portfolio	QTD (%)	YTD (%)	Fiscal YTD (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Return (%)	Since
Global Fixed Income Fixed Income Custom Benchmark	386,378,684	19.3	1.6 2.5	3.3 4.7	2.2 -0.2	2.2 -0.2	1.3 0.5	2.4 1.3	-	2.7 1.4	Jan-12 <i>Jan-12</i>
Global Core BBgBarc Global Aggregate TR	290,750,489	14.5	1.3 2.6	2.3 4.4	0.7 -2.2	0.7 -2.2	<u>-</u> 		-	1.9 3.2	Jul-15 <i>Jul-15</i>
Non-Investment Grade Credit 50% BAML Global HY / 50% S&P Global Leveraged Loan	41,776,968	2.1	2.7 1.4	4.9 3.4	9.6 9.9	9.6 9.9	-1.4 3.2	 	-	1.6 6.2	Feb-13 <i>Feb-13</i>
Emerging Markets 50% JPM EMBI GD / 50% JPM GBI-EM	53,851,227	2.7	2.7 2.9	7.5 8.3	5.5 6.3	5.5 6.3	 	 	-	3.8 6.1	Jul-15 <i>Jul-15</i>
Private Debt S&P Global Leveraged Loan +2%	80,227,746	4.0	0.0 1.3	2.6 2.9	2.7 9.7	2.7 9.7	3.4 <i>4.1</i>	6.3 6.2	-	5.8 6.4	Dec-10 <i>Dec-10</i>
Real Assets	460,630,018	23.0	0.7	3.3	5.7	5.7	-2.4	-0.1		0.5	May-10
Real Estate NCREIF Property Index	116,095,241	5.8	2.0 1.8	4.7 3.3	10.5 7.0	10.5 7.0	15.7 <i>10.2</i>	14.0 <i>10.5</i>	4.8 6.4	9.4 9.5	Jan-94 <i>Jan-</i> 94
Commodities Bloomberg Commodity Index TR USD	128,136,299	6.4	-0.3 -3.0	-0.9 -5.3	-1.8 -6.5	-1.8 -6.5	-13.6 <i>-14.8</i>	-7.8 -9.2		-4.9 -6.5	May-10 <i>May-10</i>
Infrastructure DJ Brookfield Global Infrastructure Net TR USD	107,257,628	5.4	4.4 3.7	11.9 <i>11.5</i>	8.2 8.0	8.2 8.0	3.0 2.4		-	6.5 5.8	Mar-14 <i>Mar-14</i>
Natural Resources S&P Global Natural Resources Index TR USD	109,140,851	5.5	-3.0 -0.9	-0.7 2.0	8.8 15.3	8.8 15.3	-7.4 -4.7	 	-	-3.4 -0.9	Nov-12 <i>Nov-12</i>

Fiscal Year begins July 1.
 Returns for the Fixed income, Private Debt, and Real Assets Aggregates are gross of fees through June 2015 and net of fees thereafter.
 Prior to 7/1/2015, Fixed Income Custom Benchmark was 100% Barclays Global Aggregate. After 7/1/2015, Fixed Income Custom Benchmark consists of 80% Barclays Global Aggregate, 5% JPM GBI-EM GD, 5% JPM EMBI GD, 5% S&P Global Leveraged Loan, and 5% BAML Global HY Index.



	Market Value (\$)	% of Portfolio	QTD (%)	YTD (%)	Fiscal YTD (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Return (%)	Since
Absolute Return	257,871,313	12.9	0.0	0.1	1.4	1.4	2.1		-	3.2	Nov-12
HFRI Macro (Total) Index			-0.7	-0.8	-2.4	-2.4	1.1			1.1	Nov-12
Relative Value	118,946,268	6.0	1.1	1.8	3.9	3.9				3.2	Oct-14
HFRI Relative Value (Total) Index			0.5	2.7	7.7	7.7				3.3	Oct-14
Macro	138,925,046	7.0	-1.0	-1.2	-0.5	-0.5				0.5	Oct-14
HFRI Macro (Total) Index			-0.7	-0.8	-2.4	-2.4				0.5	Oct-14
GTAA/Opportunistic	0	0.0	0.0	0.0	0.0	0.0			-	0.0	Jul-15
60/40 MSCI ACWI IMI/BC Global			3.6	8.5	10.1	10.1				5.6	Jul-15
Cash	41,679,374	2.1									
91 Day T-Bills											

¹ Fiscal Year begins July 1. ² Cash includes the cash account, cash equitized in the Russell Investments Overlay program, cash from private manager distributions, and residuals from the Terminated Manager Account.



Trailing Net Performance											
	Market Value (\$)	% of Portfolio	QTD (%)	YTD (%)	Fiscal YTD (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Return (%)	Since
Total Global Equity	682,047,414	34.1	4.6	10.6	17.7	17.7	4.3	10.4		8.4	May-10
MSCI ACWI IMI Net USD			4.2	11.3	19.0	19.0	4.9	10.7		8.4	May-10
Global Equity	213,789,559	10.7	4.9	10.6	23.4	23.4	-			9.8	Jul-15
MSCI ACWI IMI Net USD			4.2	11.3	19.0	19.0				7.0	Jul-15
Artisan Global Opportunities	49,509,804	2.5									Jul-17
Artisan Global Value	164,710,423	8.2	5.9	12.2	23.6	23.6	6.8	14.1		12.0	Mar-11
MSCI ACWI Value NR USD			2.9	7.8	19.0	19.0	3.1	9.6	-	6.0	Mar-11
Russell Currency Hedge	-430,668	0.0									
US Equity	100,208,892	5.0	2.9	7.4	18.4	18.4	-			9.2	Jul-15
Russell 3000			3.0	8.9	18.5	18.5				10.0	Jul-15
Cove Street Small Cap Value	33,253,310	1.7	2.5	3.9	18.8	18.8	4.5			6.6	May-14
Russell 2000 Value			0.7	0.5	24.9	24.9	7.0			8.3	May-14
Northern Trust Russell 1000 Index	66,955,582	3.4	3.1	9.3						15.7	Nov-16
Russell 1000			3.1	9.3						15.7	Nov-16
International Equity	187,922,412	9.4	6.4	14.4	19.3	19.3				4.6	Jul-15
MSCI World ex USA			5.6	12.8	19.5	19.5				3.8	Jul-15
Northern Trust MSCI World ex. U.S.	153,649,024	7.7	5.8	13.1						15.0	Nov-16
MSCI World ex USA			5.6	12.8						14.6	Nov-16
Oberweis International Opportunities	34,273,388	1.7	8.9	20.6	16.8	16.8				11.7	Nov-15
MSCI World ex US Small Cap Growth			8.2	17.3	19.1	19.1			-	11.7	Nov-15

Fiscal Year begins July 1.
 Returns for the Equity Aggregate are gross of fees through June 2015 and net of fees thereafter.
 Total Global Equity includes <\$0.1 million of residuals from terminated managers or previous transitions. Global Equity includes a partial currency hedge initiated on August 21, 2015 of the following currencies: Australian Dollar, Canadian Dollar, Swiss Franc, Euro, British Pound Sterling, and Japanese Yen. As of the date of this report, the unrealized profit or loss was (\$0.3) mm and the total net exposure of the hedge was \$33.9 mm.



	Market Value (\$)	% of Portfolio	QTD (%)	YTD (%)	Fiscal YTD (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Return (%)	Since
Emerging Markets Equity	91,404,252	4.6	4.7	15.0	17.7	17.7				2.8	Jul-15
MSCI Emerging Markets			6.3	18.4	23.7	23.7				4.3	Jul-15
Aberdeen Frontier Markets	19,847,680	1.0	7.8	13.8	16.4	16.4	-2.4			-0.7	Dec-13
MSCI Frontier Markets			6.1	15.6	19.2	19.2	-3.4			2.9	Dec-13
MSCI Frontier Markets ex GCC NR USD			9.3	19.0	20.2	20.2	-2.3		-	0.5	Dec-13
Comgest Global Emerging Markets	15,896,692	0.8	6.0							6.0	Mar-17
MSCI Emerging Markets			6.3							9.0	Mar-17
GQG Partners Global Emerging Markets	24,828,625	1.2									Jul-17
Dimensional Fund Advisors EM Value	30,831,255	1.5	2.8	17.6						14.0	Nov-16
MSCI Emerging Markets			6.3	18.4						13.2	Nov-16
Marketable Alternative Equity	88,722,298	4.4	2.7	5.9	7.6	7.6				5.3	Oct-14
HFRI Equity Hedge (Total) Index			2.0	5.9	12.2	12.2				3.7	Oct-14
Senator Global Opportunity Offshore Fund	39,038,730	2.0	3.5	7.4	12.8	12.8	3.7			7.0	Apr-13
HFRI Event-Driven (Total) Index			1.5	4.0	12.5	12.5	2.4			4.7	Apr-13
Horizon Portfolio I	16,952,477	0.8	0.8	2.7	-0.4	-0.4	3.9			5.3	Jul-13
HFRI Equity Hedge (Total) Index			2.0	5.9	12.2	12.2	2.9		-	5.2	Jul-13
Sandler Plus Offshore Fund Ltd	17,008,474	0.9	2.6	7.3	7.7	7.7	10.3			7.7	May-13
HFRI Equity Hedge (Total) Index			2.0	5.9	12.2	12.2	2.9		-	4.9	May-13
Marshall Wace Eureka Fund	15,722,617	0.8	3.1	5.4	9.9	9.9	8.5			7.9	Apr-14
HFRI Equity Hedge (Total) Index			2.0	5.9	12.2	12.2	2.9		-	3.4	Apr-14

¹ Fiscal Year begins July 1.



	Market Value (\$)	% of Portfolio	QTD (%)	YTD (%)	Fiscal YTD (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Return (%)	Since
Private Equity	56,692,993	2.8	6.5	6.6	10.3	10.3	8.6	10.8	7.7	6.7	Jan-06
Cambridge PE Composite BM			4.1	7.4	12.0	12.0	8.2	11.4	8.8	10.6	Jan-06
Pantheon USA Fund VII	25,392,878	1.3	7.9	7.9	14.1	14.1	11.5	13.2			Jan-07
Cambridge PE Composite BM			4.1	7.4	12.0	12.0	8.2	11.4			Jan-07
Partners Group Secondary 2011, L.P.	11,874,986	0.6	5.2	5.6	9.0	9.0	14.2			23.8	Nov-12
Cambridge PE Composite BM			4.1	7.4	12.0	12.0	8.2			12.2	Nov-12
Pathway Private Equity Fund VIII	6,139,573	0.3	3.0	2.2	2.1	2.1	4.0	8.8			Aug-04
Cambridge PE Composite BM			4.1	7.4	12.0	12.0	8.2	11.4			Aug-04
Pantheon Global Secondary Fund III 'B'	7,511,950	0.4	0.5	0.5	1.2	1.2	-0.6	1.9			Jan-07
Cambridge PE Composite BM			4.1	7.4	12.0	12.0	8.2	11.4			Jan-07
Partners Group Secondary 2008, L.P.	2,252,713	0.1	11.8	15.7	8.2	8.2	2.0	6.9			Dec-08
Cambridge PE Composite BM			4.1	7.4	12.0	12.0	8.2	11.4			Dec-08
Great Hill Equity Partners IV, LP	3,520,893	0.2	18.9	18.8	33.5	33.5	28.3	28.1			Oct-08
Cambridge PE Composite BM			4.1	7.4	12.0	12.0	8.2	11.4			Oct-08
Global Fixed Income	386,378,684	19.3	1.6	3.3	2.2	2.2	1.3	2.4		2.7	Jan-12
Fixed Income Custom Benchmark			2.5	4.7	-0.2	-0.2	0.5	1.3		1.4	Jan-12
Global Core	290,750,489	14.5	1.3	2.3	0.7	0.7	-			1.9	Jul-15
BBgBarc Global Aggregate TR			2.6	4.4	-2.2	-2.2				3.2	Jul-15
Northern Trust Intermediate Gov't 1-10 Year	93,431,389	4.7	0.6	1.2	-1.3	-1.3	1.4			1.0	Oct-12
BBgBarc US Govt Int TR			0.7	1.2	-1.2	-1.2	1.5			1.0	Oct-12

Fiscal Year begins July 1.
 Returns for the Fixed Income Aggregate are gross of fees through June 2015 and net of fees thereafter.
 Prior to 7/1/2015, Fixed Income Custom Benchmark was 100% Barclays Global Aggregate. After 7/1/2015, Fixed Income Custom Benchmark consists of 80% Barclays Global Aggregate, 5% JPM GBI-EM GD, 5% JPM EMBI GD, 5% S&P Global Leveraged Loan, and 5% BAML Global HY Index.



	Market Value (\$)	% of Portfolio	QTD (%)	YTD (%)	Fiscal YTD (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Return (%)	Since
Northern Trust TIPS 0-5 Years BBgBarc US Treasury TIPS 0-5 Yr TR	96,641,108	4.8	-0.5 -0.5	0.2 0.2	0.3 <i>0</i> .3	0.3 0.3	0.0 0.0			0.0 0.0	Jul-14 <i>Jul-14</i>
Voya Securitized Credit BBgBarc Global Aggregate Securitized TR	62,035,441	3.1	3.6 1.8	5.7 2.5	9.3 <i>0</i> .2	9.3 <i>0</i> .2		 		6.2 2.1	Jul-15 <i>Jul-15</i>
BlackRock Long Government Index BBgBarc US Govt Long TR	38,642,550	1.9	4.0 3.9	5.6 5.4	-6.7 -7.0	-6.7 -7.0				-0.9 -1.2	Jun-16 <i>Jun-</i> 16
Non-Investment Grade Credit	41,776,968	2.1	2.7	4.9	9.6	9.6	-1.4	-		1.6	Feb-13
50% BAML Global HY / 50% S&P Global Leveraged Loan			1.4	3.4	9.9	9.9	3.2			6.2	Feb-13
Davidson Kempner Institutional Partners, L.P. HFRI Event-Driven (Total) Index	38,282,879	1.9	2.3 1.5	4.7 4.0	8.6 12.5	8.6 12.5	3.6 2.4	 	 	5.6 4.9	Feb-13 Feb-13
Claren Road Credit Fund HFRI RV: Fixed Income-Corporate Index	3,494,090	0.2	5.9 <i>0.7</i>	7.5 2.8	18.2 9.7	18.2 9.7	-4.2 2.9		 	-2.8 <i>4.4</i>	Jul-13 <i>Jul-1</i> 3
Emerging Markets 50% JPM EMBI GD / 50% JPM GBI-EM	53,851,227	2.7	2.7 2.9	7.5 8.3	5.5 6.3	5.5 6.3	-		-	3.8 6.1	Jul-15 <i>Jul-15</i>
BlueBay Emerging Market Select Debt 50% JPM EMBI GD / 50% JPM GBI-EM	53,851,227	2.7	2.7 2.9	7.5 8.3	5.5 6.3	5.5 6.3	 		 	3.8 6.1	Jul-15 Jul-15
Private Debt	80,227,746	4.0	0.0	2.6	2.7	2.7	3.4	6.3		5.8	Dec-10
S&P Global Leveraged Loan +2%			1.3	2.9	9.7	9.7	4.1	6.2		6.4	Dec-10
Medley Opportunity Fund II 3-Month LIBOR + 5%	38,259,852	1.9	0.7 1.5	3.7 3.1	8.0 6.1	8.0 6.1	6.1 5.6	7.6 5.5	 	7.0 5.5	Jun-11 <i>Jun-11</i>

Fiscal Year begins July 1.
 Returns for the Private Debt Aggregate are gross of fees through June 2015 and net of fees thereafter.



	Market Value (\$)	% of Portfolio	QTD (%)	YTD (%)	Fiscal YTD (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Return (%)	Since
White Oak Direct Lending Account	24,976,636	1.2	-2.2	-1.6	-12.6	-12.6	0.4	5.5	[3.4	Feb-11
3-Month LIBOR + 5%			1.5	3.1	6.1	6.1	5.6	5.5		5.5	Feb-11
GSO Direct Lending Account	11,922,987	0.6	1.1	4.9	16.8	16.8	0.8	4.8		8.1	Mar-11
3-Month LIBOR + 5%			1.5	3.1	6.1	6.1	5.6	5.5	-	5.5	Mar-11
Cross Ocean USD ESS II	5,068,272	0.3	3.8	10.8						19.7	Aug-16
S&P Global Leveraged Loan +2%			1.3	2.9					-	7.7	Aug-16
Real Assets	460,630,018	23.0	0.7	3.3	5.7	5.7	-2.4	-0.1	-	0.5	May-10
Real Estate	116,095,241	5.8	2.0	4.7	10.5	10.5	15.7	14.0	4.8	9.4	Jan-94
NCREIF Property Index			1.8	3.3	7.0	7.0	10.2	10.5	6.4	9.5	Jan-94
PRISA	38,342,075	1.9	1.4	5.1	9.1	9.1	11.9	11.6	4.1	7.1	Jul-04
NCREIF ODCE Equal Weighted (net)			1.5	3.1	7.2	7.2	10.7	10.8	4.2	6.9	Jul-04
American Realty	40,595,221	2.0	2.0	3.0	5.8	5.8	10.3	10.5	4.2	4.8	Jan-07
NCREIF ODCE Equal Weighted (net)			1.5	3.1	7.2	7.2	10.7	10.8	4.2	4.8	Jan-07
DRA Growth and Income Fund V	548,025	0.0	-2.1	-8.3	20.7	20.7	23.3	16.0	7.1	7.2	Jan-06
NCREIF Property Index			1.8	3.3	7.0	7.0	10.2	10.5	6.4	7.7	Jan-06
DRA Growth and Income Fund VI	1,521,235	0.1	-3.9	-2.0	2.3	2.3	19.4	15.8		9.7	Jan-08
NCREIF Property Index			1.8	3.3	7.0	7.0	10.2	10.5		6.0	Jan-08
DRA Growth and Income Fund VII	13,457,620	0.7	5.3	11.7	24.8	24.8	21.8	19.4		18.9	Apr-12
NCREIF Property Index			1.8	3.3	7.0	7.0	10.2	10.5	-	10.5	Apr-12

Fiscal Year begins July 1.
 Returns for the Real Assets Aggregate are gross of fees through June 2015 and net of fees thereafter.



	Market Value (\$)	% of Portfolio	QTD (%)	YTD (%)	Fiscal YTD (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Return (%)	Since
DRA Growth & Income Fund VIII	13,389,269	0.7	2.4	5.2	12.6	12.6				11.3	Jan-15
NCREIF Property Index			1.8	3.3	7.0	7.0			-	9.8	Jan-15
DRA Growth and Income Fund IX	4,234,889	0.2	4.1							4.1	Feb-17
NCREIF Property Index			1.8							3.3	Feb-17
Fidelity Real Estate Growth Fund III	436,302	0.0	-33.6	-34.1	-38.1	-38.1	-0.4	5.8		-11.1	Jan-08
NCREIF Property Index			1.8	3.3	7.0	7.0	10.2	10.5		6.0	Jan-08
Tristan Capital Partners	3,570,604	0.2	6.1	7.3	2.0	2.0				7.5	Jan-16
NCREIF Property Index			1.8	3.3	7.0	7.0			-	7.6	Jan-16
Commodities	128,136,299	6.4	-0.3	-0.9	-1.8	-1.8	-13.6	-7.8		-4.9	May-10
Bloomberg Commodity Index TR USD			-3.0	-5.3	-6.5	-6.5	-14.8	-9.2		-6.5	May-10
Credit Suisse Risk Parity Commodity Index	92,807,179	4.6	-0.6	1.6	1.3	1.3	-10.3	-5.3		-6.6	Apr-11
Bloomberg Commodity Index TR USD			-3.0	-5.3	-6.5	-6.5	-14.8	-9.2		-10.7	Apr-11
Pinnacle Natural Resources, L.P.	35,329,120	1.8	0.3	-6.9	-9.7	-9.7				-7.9	Jan-16
Bloomberg Commodity Index TR USD			-3.0	-5.3	-6.5	-6.5				3.9	Jan-16
Infrastructure	107,257,628	5.4	4.4	11.9	8.2	8.2	3.0			6.5	Mar-14
DJ Brookfield Global Infrastructure Net TR USD			3.7	11.5	8.0	8.0	2.4			5.8	Mar-14
Rhumbline DJ Brookfield Global Infrastructure	102,968,483	5.2	3.9	12.0	8.5	8.5				3.9	Jun-15
DJ Brookfield Global Infrastructure Net TR USD			3.7	11.5	8.0	8.0			-[3.3	Jun-15

¹ Fiscal Year begins July 1.



	AS O										ine 30, 2017	
	Market Value (\$)	% of Portfolio	QTD (%)	YTD (%)	Fiscal YTD (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Return (%)	Since	
Global Infrastructure Partners III	4,282,604	0.2	18.8	11.5						-0.5	Sep-16	
DJ Brookfield Global Infrastructure Net TR USD			3.7	11.5						8.7	Sep-16	
SSgA DJ Brookfield Infrastructure Index	6,540	0.0							- 1			
Natural Resources	109,140,851	5.5	-3.0	-0.7	8.8	8.8	-7.4			-3.4	Nov-12	
S&P Global Natural Resources Index TR USD			-0.9	2.0	15.3	15.3	-4.7			-0.9	Nov-12	
Rhumbline S&P Global Large MidCap Commodity & NR	109,127,773	5.5	-3.0	-0.7	8.8	8.8				-3.3	Jun-15	
S&P Global LargeMidCap Commodity and Resources GR USD			-3.0	-0.8	8.8	8.8				-3.2	Jun-15	
Northern Trust Global LargeMid Natural Resources	13,078	0.0										
Absolute Return	257,871,313	12.9	0.0	0.1	1.4	1.4	2.1			3.2	Nov-12	
HFRI Macro (Total) Index			-0.7	-0.8	-2.4	-2.4	1.1			1.1	Nov-12	
Relative Value	118,946,268	6.0	1.1	1.8	3.9	3.9		-		3.2	Oct-14	
HFRI Relative Value (Total) Index			0.5	2.7	7.7	7.7				3.3	Oct-14	
Arrowgrass International Fund Ltd	9,311,405	0.5	2.2	3.3	6.1	6.1	3.8			5.4	Nov-12	
HFRI Relative Value (Total) Index			0.5	2.7	7.7	7.7	3.0			4.9	Nov-12	
DE Shaw	40,800,712	2.0	3.8	3.8	6.0	6.0	10.0			11.2	Apr-13	
HFRI Fund Weighted Composite Index			1.0	3.6	7.9	7.9	2.5			3.8	Apr-13	
JD Capital	20,590,701	1.0	2.3	2.3						2.9	Oct-16	
HFRI Relative Value (Total) Index			0.5	2.7						4.6	Oct-16	

Fiscal Year begins July 1.
 Rhumbline's tracking error due to cash positions that resulted from a delay in the ability to invest in certain markets.



	Market Value (\$)	% of Portfolio	QTD (%)	YTD (%)	Fiscal YTD (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Return (%)	Since
Pine River Fund Ltd	23,680,600	1.2	-1.6	0.3	1.8	1.8	-0.1			2.5	Jan-13
HFRI Relative Value (Total) Index			0.5	2.7	7.7	7.7	3.0			4.7	Jan-13
Pine River Volatility Arbitrage	24,562,850	1.2	-1.7							-1.7	Mar-17
HFRI Relative Value (Total) Index			0.5							0.8	Mar-17
Масго	138,925,046	7.0	-1.0	-1.2	-0.5	-0.5	-			0.5	Oct-14
HFRI Macro (Total) Index			-0.7	-0.8	-2.4	-2.4				0.5	Oct-14
AHL Frontier Fund	13,633,631	0.7	1.0	3.3	5.4	5.4				5.4	Jun-16
Barclay BTOP50 Index TR USD			-3.1	-4.8	-9.4	-9.4				-9.4	Jun-16
BlueTrend Fund Limited	16,334,905	0.8	-4.9	-6.5	-16.9	-16.9	-3.0			-4.6	Apr-13
Barclay BTOP50 Index TR USD			-3.1	-4.8	-9.4	-9.4	0.2			0.0	Apr-13
Brevan Howard Fund, Limited	13,050,560	0.7	-5.7	-4.9	-0.5	-0.5				-2.9	Aug-15
HFRI Macro (Total) Index			-0.7	-0.8	-2.4	-2.4				-0.8	Aug-15
Dymon Asia Macro	25,843,416	1.3	-1.7	-8.0	2.6	2.6				1.9	Sep-15
HFRI Macro (Total) Index			-0.7	-0.8	-2.4	-2.4				0.0	Sep-15
Kepos Alpha Fund	16,420,891	0.8	-7.2	-6.8	-13.6	-13.6	-1.2			-2.1	Mar-13
HFRI Macro: Systematic Diversified Index			-1.3	-2.5	-7.4	-7.4	1.2		-	0.6	Mar-13

¹ Fiscal Year begins July 1.



	Market Value (\$)	% of Portfolio	QTD (%)	YTD (%)	Fiscal YTD (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Return (%)	Since
Keynes Leveraged Quantitative Strategies Fund	18,429,000	0.9	-1.7	-3.8	-5.3	-5.3				-5.3	Jan-16
Barclay BTOP50 Index TR USD			-3.1	-4.8	-9.4	-9.4				-6.1	Jan-16
Pharo Management, Ltd.	35,212,642	1.8	6.8	13.0	14.2	14.2				15.8	Apr-16
HFRI Macro (Total) Index			-0.7	-0.8	-2.4	-2.4				-1.0	Apr-16
GTAA/Opportunistic	0	0.0	0.0	0.0	0.0	0.0				0.0	Jul-15
60/40 MSCI ACWI IMI/BC Global			3.6	8.5	10.1	10.1				5.6	Jul-15
Cash	41,679,374	2.1									
91 Day T-Bills											
Internal Cash Account	41,679,374	2.1									
Russell Investments Overlay	32,938,235	1.6									



Fiscal Year begins July 1.
 Cash includes the cash account, cash equitized in the Russell Investments Overlay program, cash from private manager distributions, and residuals from the Terminated Manager Account.
 Overlay returns provided by Russell Investments.

	Fiscal Yea	Performa	ance							
	Fiscal 2017 (%)	Fiscal 2016 (%)	Fiscal 2015 (%)	Fiscal 2014 (%)	Fiscal 2013 (%)	Fiscal 2012 (%)	Fiscal 2011 (%)	Fiscal 2010 (%)	Fiscal 2009 (%)	Fiscal 2008 (%)
Total Fund Aggregate	7.5	-0.7	-1.0	14.2	8.0	-3.3	18.9	13.7	-17.0	-3.4
San Jose FCERS Policy Benchmark	8.1	1.3	-3.3	17.0	8.3	-2.4	22.0	12.1	-15.3	-3.0
San Jose FCERS Custom Benchmark	6.5	0.7	-1.8	13.2	8.9	-3.2	18.6	11.4	-15.3	-2.8
Total Global Equity	17.7	-4.3	0.8	22.6	17.8	-7.1	31.7			
MSCI ACWI IMI Net USD	19.0	-3.9	0.8	23.4	17.1	-6.9	31.0			
Global Equity	23.4	-2.3								
MSCI ACWI IMI Net USD	19.0	-3.9								
Artisan Global Opportunities										
Artisan Global Value	23.6	-2.0	0.6	24.4	27.7	2.8				
MSCI ACWI Value NR USD	19.0	-4.8	-3.4	22.8	17.8	-7.8				
Russell Currency Hedge										
US Equity	18.4	0.6								
Russell 3000	18.5	2.1								
Cove Street Small Cap Value	18.8	-2.3	-1.6							
Russell 2000 Value	24.9	-2.6	0.8							
Northern Trust Russell 1000 Index										
Russell 1000										

⁶ Global Equity includes a partial currency hedge initiated on August 21, 2015 of the following currencies: Australian Dollar, Canadian Dollar, Swiss Franc, Euro, British Pound Sterling, and Japanese Yen. As of the date of this report, the unrealized profit or loss was -\$0.3 mm and the total net exposure of the hedge was \$33.9 mm.



¹ Fiscal Year begins July 1.

² Beginning in July 2012, fees are accounted for on a cash basis. Previously, fees were accounted for on an accrual basis.

³ Please see the Appendix for composition of the San Jose FCERS Policy Benchmark.

⁴ San Jose FCERS Custom Benchmark consists of the individual benchmarks that comprise the San Jose FCERS Policy Benchmark weighted accordingly to actual allocations and re-adjusted monthly. 5 Global Equity includes <\$0.1 million of residuals from terminated managers or previous transitions.

⁵ Returns for the Equity Aggregate are gross of fees through June 2015 and net of fees thereafter.

	Fiscal 2017 (%)	Fiscal 2016 (%)	Fiscal 2015 (%)	Fiscal 2014 (%)	Fiscal 2013 (%)	Fiscal 2012 (%)	Fiscal 2011 (%)	Fiscal 2010 (%)	Fiscal 2009 (%)	Fiscal 2008 (%)
International Equity	19.3	-8.4								
MSCI World ex USA	19.5	-9.8								
Northern Trust MSCI World ex. U.S.										
MSCI World ex USA										
Oberweis International Opportunities	16.8									
MSCI World ex US Small Cap Growth	19.1									
Emerging Markets Equity	17.7	-10.2	-						-	
MSCI Emerging Markets	23.7	-12.1								
Aberdeen Frontier Markets	16.4	-12.0	-9.4							
MSCI Frontier Markets	19.2	-12.1	-13.9							
MSCI Frontier Markets ex GCC NR USD	20.2	-9.8	-13.9							
Comgest Global Emerging Markets										
MSCI Emerging Markets										
GQG Partners Global Emerging Markets										
Dimensional Fund Advisors EM Value										
MSCI Emerging Markets										
Marketable Alternative Equity	7.6	-2.1								
HFRI Equity Hedge (Total) Index	12.2	-5.0								
Senator Global Opportunity Offshore Fund	12.8	-9.3	9.0	15.6						
HFRI Event-Driven (Total) Index	12.5	-3.8	-0.8	11.2						

¹ Fiscal Year begins July 1.



	Fiscal 2017 (%)	Fiscal 2016 (%)	Fiscal 2015 (%)	Fiscal 2014 (%)	Fiscal 2013 (%)	Fiscal 2012 (%)	Fiscal 2011 (%)	Fiscal 2010 (%)	Fiscal 2009 (%)	Fiscal 2008 (%)
Horizon Portfolio I	-0.4	5.2	7.0	9.8						
HFRI Equity Hedge (Total) Index	12.2	-5.0	2.4	12.5						
Sandler Plus Offshore Fund Ltd	7.7	6.8	16.6	2.9						
HFRI Equity Hedge (Total) Index	12.2	-5.0	2.4	12.5						
Marshall Wace Eureka Fund	9.9	0.4	15.7							
HFRI Equity Hedge (Total) Index	12.2	-5.0	2.4							
Private Equity	10.3	2.4	13.3	19.3	9.6	9.7	17.4	12.6	-23.8	14.0
Cambridge PE Composite BM	12.0	6.8	5.8	19.6	13.2	9.6	19.1	23.1	-22.9	9.8
Pantheon USA Fund VII	14.1	4.4	16.5	21.7	10.2	12.1	13.0	11.0		
Cambridge PE Composite BM	12.0	6.8	5.8	19.6	13.2	9.6	19.1	23.1		
Partners Group Secondary 2011, L.P.	9.0	9.4	24.8	21.6						
Cambridge PE Composite BM	12.0	6.8	5.8	19.6						
Pathway Private Equity Fund VIII	2.1	-3.7	14.5	22.2	10.9	14.0	21.2	16.2		
Cambridge PE Composite BM	12.0	6.8	5.8	19.6	13.2	9.6	19.1	23.1		
Pantheon Global Secondary Fund III 'B'	1.2	-2.9	0.1	9.4	2.0	-0.1	14.0	10.3		
Cambridge PE Composite BM	12.0	6.8	5.8	19.6	13.2	9.6	19.1	23.1		
Partners Group Secondary 2008, L.P.	8.2	-2.4	0.5	22.6	7.5	8.8	36.3	3.6		
Cambridge PE Composite BM	12.0	6.8	5.8	19.6	13.2	9.6	19.1	23.1		
Great Hill Equity Partners IV, LP	33.5	11.6	41.9	26.4	29.0	69.1	-10.1	7.0		
Cambridge PE Composite BM	12.0	6.8	5.8	19.6	13.2	9.6	19.1	23.1		

¹ Fiscal Year begins July 1.

³ Prior to 7/1/2015, Fixed Income Custom Benchmark was 100% Barclays Global Aggregate. After 7/1/2015, Fixed Income Custom Benchmark consists of 80% Barclays Global Aggregate, 5% JPM GBI-EM GD, 5% JPM EMBI GD, 5% S&P Global Leveraged Loan, and 5% BAML Global HY Index.



² Returns for the Fixed Income Aggregate are gross of fees through June 2015 and net of fees thereafter.

	Fiscal 2017 (%)	Fiscal 2016 (%)	Fiscal 2015 (%)	Fiscal 2014 (%)	Fiscal 2013 (%)	Fiscal 2012 (%)	Fiscal 2011 (%)	Fiscal 2010 (%)	Fiscal 2009 (%)	Fiscal 2008 (%)
Global Fixed Income	2.2	2.2	-0.7	4.5	3.6					
Fixed Income Custom Benchmark	-0.2	9.4	-7.1	7.4	-2.2					
Global Core	0.7	3.2					-		-	
BBgBarc Global Aggregate TR	-2.2	8.9								
Northern Trust Intermediate Gov't 1-10 Year	-1.3	3.9	1.7	1.5						
BBgBarc US Govt Int TR	-1.2	3.9	1.8	1.5						
Northern Trust TIPS 0-5 Years	0.3	1.6	-1.9							
BBgBarc US Treasury TIPS 0-5 Yr TR	0.3	1.7	-1.9							
Voya Securitized Credit	9.3	3.2								
BBgBarc Global Aggregate Securitized TR	0.2	3.9								
BlackRock Long Government Index	-6.7									
BBgBarc US Govt Long TR	-7.0									
Non-Investment Grade Credit	9.6	-2.9	-9.8	7.6			-		-	
50% BAML Global HY / 50% S&P Global Leveraged Loan	9.9	0.9	-0.8	17.1						
Davidson Kempner Institutional Partners, L.P.	8.6	2.0	0.3	9.9						
HFRI Event-Driven (Total) Index	12.5	-3.8	-0.8	11.2						
Claren Road Credit Fund	18.2	-10.4	-16.9	1.2						
HFRI RV: Fixed Income-Corporate Index	9.7	0.6	-1.4	9.0						

¹ Fiscal Year begins July 1.



	Fiscal 2017 (%)	Fiscal 2016 (%)	Fiscal 2015 (%)	Fiscal 2014 (%)	Fiscal 2013 (%)	Fiscal 2012 (%)	Fiscal 2011 (%)	Fiscal 2010 (%)	Fiscal 2009 (%)	Fiscal 2008 (%)
Emerging Markets	5.5	2.1								
50% JPM EMBI GD / 50% JPM GBI-EM	6.3	6.0								
BlueBay Emerging Market Select Debt	5.5	2.1								
50% JPM EMBI GD / 50% JPM GBI-EM	6.3	6.0								
Private Debt	2.7	3.6	4.0	10.2	11.5	9.3			-	
S&P Global Leveraged Loan +2%	9.7	3.0	-0.2	10.0	9.1	5.6				
Medley Opportunity Fund II	8.0	2.6	7.9	10.2	9.7	4.6				
3-Month LIBOR + 5%	6.1	5.5	5.3	5.3	5.4	5.5				
White Oak Direct Lending Account	-12.6	17.5	-1.4	12.2	15.0	-2.0				
3-Month LIBOR + 5%	6.1	5.5	5.3	5.3	5.4	5.5				
GSO Direct Lending Account	16.8	-15.5	3.8	7.9	14.0	27.4				
3-Month LIBOR + 5%	6.1	5.5	5.3	5.3	5.4	5.5				
Cross Ocean USD ESS II										
S&P Global Leveraged Loan +2%							-		-	
Real Assets	5.7	-1.9	-10.4	19.4	-10.1	-10.9	27.7	-	-	
Real Estate	10.5	14.8	22.0	13.4	9.7	12.2	15.3	-23.3	-24.2	10.7
NCREIF Property Index	7.0	10.6	13.0	11.2	10.7	12.0	16.7	-1.5	-19.6	9.2
PRISA	9.1	13.3	13.3	12.7	9.7	12.6	20.5	-4.5	-37.7	7.0
NCREIF ODCE Equal Weighted (net)	7.2	11.2	13.6	11.4	10.8	11.5	19.3	-8.5	-31.4	7.5

Fiscal Year begins July 1.
 Returns for the Real Assets Aggregate are gross of fees through June 2015 and net of fees thereafter.
 Returns for the Private Debt Aggregate are gross of fees through June 2015 and net of fees thereafter.



	Fiscal 2017 (%)	Fiscal 2016 (%)	Fiscal 2015 (%)	Fiscal 2014 (%)	Fiscal 2013 (%)	Fiscal 2012 (%)	Fiscal 2011 (%)	Fiscal 2010 (%)	Fiscal 2009 (%)	Fiscal 2008 (%)
American Realty	5.8	12.3	12.9	11.5	10.3	11.0	16.5	-12.1	-26.2	9.4
NCREIF ODCE Equal Weighted (net)	7.2	11.2	13.6	11.4	10.8	11.5	19.3	-8.5	-31.4	7.5
DRA Growth and Income Fund V	20.7	22.4	27.0	7.8	3.7	4.6	8.4	-20.1	-10.6	17.2
NCREIF Property Index	7.0	10.6	13.0	11.2	10.7	12.0	16.7	-1.5	-19.6	9.2
DRA Growth and Income Fund VI	2.3	21.5	36.8	16.6	5.1	28.4	11.4	-15.1	-8.4	
NCREIF Property Index	7.0	10.6	13.0	11.2	10.7	12.0	16.7	-1.5	-19.6	
DRA Growth and Income Fund VII	24.8	23.3	17.3	15.2	16.6					
NCREIF Property Index	7.0	10.6	13.0	11.2	10.7					
DRA Growth & Income Fund VIII	12.6	10.9								
NCREIF Property Index	7.0	10.6								
DRA Growth and Income Fund IX										
NCREIF Property Index										
Fidelity Real Estate Growth Fund III	-38.1	12.8	41.5	17.9	13.6	13.4	34.8	-68.4	-31.7	
NCREIF Property Index	7.0	10.6	13.0	11.2	10.7	12.0	16.7	-1.5	-19.6	
Tristan Capital Partners	2.0									
NCREIF Property Index	7.0									

¹ Fiscal Year begins July 1.



	Fiscal 2017 (%)	Fiscal 2016 (%)	Fiscal 2015 (%)	Fiscal 2014 (%)	Fiscal 2013 (%)	Fiscal 2012 (%)	Fiscal 2011 (%)	Fiscal 2010 (%)	Fiscal 2009 (%)	Fiscal 2008 (%)
Commodities	-1.8	-15.5	-22.4	16.0	-10.9	-11.8	27.2			
Bloomberg Commodity Index TR USD	-6.5	-13.3	-23.7	8.2	-8.0	-14.3	25.9			
Credit Suisse Risk Parity Commodity Index	1.3	-11.4	-19.7	13.9	-7.4	-10.0				
Bloomberg Commodity Index TR USD	-6.5	-13.3	-23.7	8.2	-8.0	-14.3				
Pinnacle Natural Resources, L.P.	-9.7									
Bloomberg Commodity Index TR USD	-6.5									
Infrastructure	8.2	3.9	-2.8				-		-	
DJ Brookfield Global Infrastructure Net TR USD	8.0	3.2	-3.7							
Rhumbline DJ Brookfield Global Infrastructure	8.5	3.9								
DJ Brookfield Global Infrastructure Net TR USD	8.0	3.2								
Global Infrastructure Partners III										
DJ Brookfield Global Infrastructure Net TR USD										
SSgA DJ Brookfield Infrastructure Index										
Natural Resources	8.8	-9.5	-19.3	21.4						
S&P Global Natural Resources Index TR USD	15.3	-8.9	-17.6	21.7						
Rhumbline S&P Global Large MidCap Commodity & NR	8.8	-9.5								
S&P Global LargeMidCap Commodity and Resources GR USD	8.8	-9.2								
Northern Trust Global LargeMid Natural Resources										

² Rhumbline's tracking error due to cash position that resulted from a delay in the ability to invest in certain markets.



¹ Fiscal Year begins July 1.

	Fiscal 2017 (%)	Fiscal 2016 (%)	Fiscal 2015 (%)	Fiscal 2014 (%)	Fiscal 2013 (%)	Fiscal 2012 (%)	Fiscal 2011 (%)	Fiscal 2010 (%)	Fiscal 2009 (%)	Fiscal 2008 (%)
Absolute Return	1.4	0.0	5.0	4.9						
HFRI Macro (Total) Index	-2.4	1.8	4.1	1.5						
Relative Value	3.9	-0.3						-		-
HFRI Relative Value (Total) Index	7.7	-0.2								
Arrowgrass International Fund Ltd	6.1	0.0	5.5	6.4						
HFRI Relative Value (Total) Index	7.7	-0.2	1.8	9.0						
DE Shaw	6.0	7.2	17.2	13.7						
HFRI Fund Weighted Composite Index	7.9	-2.4	2.3	9.1						
JD Capital										
HFRI Relative Value (Total) Index										
Pine River Fund Ltd	1.8	-8.8	7.5	4.4						
HFRI Relative Value (Total) Index	7.7	-0.2	1.8	9.0						
Pine River Volatility Arbitrage										
HFRI Relative Value (Total) Index										
Macro	-0.5	1.8						-		
HFRI Macro (Total) Index	-2.4	1.8								
AHL Frontier Fund	5.4									
Barclay BTOP50 Index TR USD	-9.4									
BlueTrend Fund Limited	-16.9	6.7	3.0	4.9						
Barclay BTOP50 Index TR USD	-9.4	2.8	8.2	0.8						

¹ Fiscal Year begins July 1.



As of June 30, 2017

	Fiscal 2017 (%)	Fiscal 2016 (%)	Fiscal 2015 (%)	Fiscal 2014 (%)	Fiscal 2013 (%)	Fiscal 2012 (%)	Fiscal 2011 (%)	Fiscal 2010 (%)	Fiscal 2009 (%)	Fiscal 2008 (%)
Brevan Howard Fund, Limited	-0.5									
HFRI Macro (Total) Index	-2.4									
Dymon Asia Macro	2.6									
HFRI Macro (Total) Index	-2.4									
Kepos Alpha Fund	-13.6	6.6	4.7	4.9						
HFRI Macro: Systematic Diversified Index	-7.4	3.1	8.6	0.2						
Keynes Leveraged Quantitative Strategies Fund	-5.3									
Barclay BTOP50 Index TR USD	-9.4									
Pharo Management, Ltd.	14.2									
HFRI Macro (Total) Index	-2.4									
GTAA/Opportunistic	0.0	0.0								-
60/40 MSCI ACWI IMI/BC Global	10.1	1.3								

Cash

91 Day T-Bills

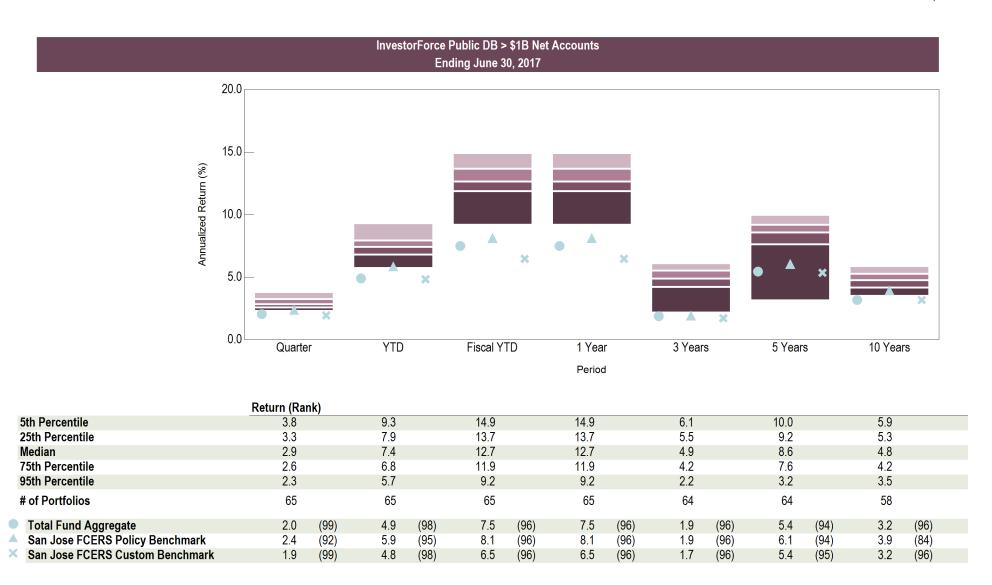
Internal Cash Account

Russell Investments Overlay

² Overlay returns provided by Russell Investments.



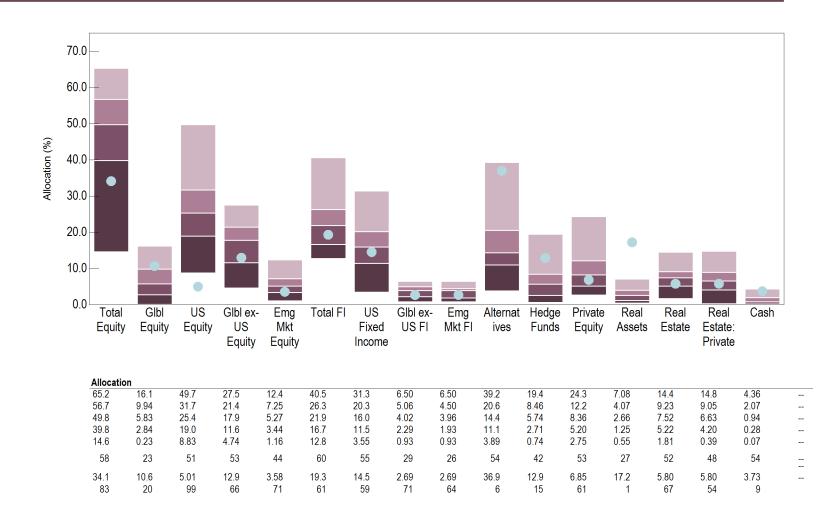
¹ Fiscal Year begins July 1.





As of June 30, 2017







5th Percentile

25th Percentile

75th Percentile

95th Percentile

of Portfolios

Rank

Total Fund Aggregate

Median

Cash Flow Summary											
	Quarter	Ending June 30, 201	7								
	Beginning Market Value	Contributions	Withdrawals	Net Cash Flow	Net Investment Change	Ending Market Value					
Aberdeen Frontier Markets	\$18,409,336	\$0	\$0	\$0	\$1,438,344	\$19,847,680					
AHL Frontier Fund	\$13,496,177	\$0	\$0	\$0	\$137,455	\$13,633,631					
American Realty	\$39,789,566	\$0	-\$96,643	-\$96,643	\$902,299	\$40,595,221					
Arrowgrass International Fund Ltd	\$14,105,144	\$0	-\$5,000,000	-\$5,000,000	\$206,261	\$9,311,405					
Artisan Global Opportunities	-	\$50,000,000	\$0	\$50,000,000	-\$490,196	\$49,509,804					
Artisan Global Value	\$155,598,204	\$29,150,959	-\$29,150,959	\$0	\$9,112,219	\$164,710,423					
BlackRock Long Government Index	\$37,160,115	\$0	\$0	\$0	\$1,482,436	\$38,642,550					
BlueBay Emerging Market Select Debt	\$52,424,311	\$0	\$0	\$0	\$1,426,916	\$53,851,227					
BlueTrend Fund Limited	\$17,173,594	\$0	\$0	\$0	-\$838,689	\$16,334,905					
Brevan Howard Fund, Limited	\$17,451,668	\$0	-\$3,600,326	-\$3,600,326	-\$800,783	\$13,050,560					
Claren Road Credit Fund	\$3,880,532	\$0	-\$601,482	-\$601,482	\$215,040	\$3,494,090					
Comgest Global Emerging Markets	\$15,000,000	\$0	\$0	\$0	\$896,692	\$15,896,692					
Cove Street Small Cap Value	\$32,441,469	\$608,232	-\$608,232	\$0	\$811,841	\$33,253,310					
Credit Suisse Risk Parity Commodity Index	\$93,345,568	\$0	-\$89,683	-\$89,683	-\$448,706	\$92,807,179					
Cross Ocean USD ESS II	\$5,071,447	\$0	-\$206,722	-\$206,722	\$203,546	\$5,068,272					
Davidson Kempner Institutional Partners, L.P.	\$37,406,898	\$0	\$0	\$0	\$875,981	\$38,282,879					
DE Shaw	\$39,319,481	\$0	-\$245,205	-\$245,205	\$1,726,436	\$40,800,712					
Dimensional Fund Advisors EM Value	\$29,983,604	\$0	\$0	\$0	\$847,651	\$30,831,255					
DRA Growth & Income Fund VIII	\$13,336,515	\$511,111	-\$871,130	-\$360,019	\$412,773	\$13,389,269					
DRA Growth and Income Fund IX	\$2,105,206	\$2,554,511	-\$529,202	\$2,025,309	\$104,375	\$4,234,889					
DRA Growth and Income Fund V	\$1,128,232	\$0	-\$556,000	-\$556,000	-\$24,207	\$548,025					
DRA Growth and Income Fund VI	\$2,848,355	\$0	-\$1,442,124	-\$1,442,124	\$115,004	\$1,521,235					
DRA Growth and Income Fund VII	\$13,059,149	\$0	-\$347,280	-\$347,280	\$745,751	\$13,457,620					
Dymon Asia Macro	\$26,285,900	\$0	\$0	\$0	-\$442,484	\$25,843,416					
Fidelity Real Estate Growth Fund III	\$1,159,913	\$0	-\$507,696	-\$507,696	-\$215,916	\$436,302					
Global Infrastructure Partners III	\$3,598,202	\$13,234	-\$223,132	-\$209,898	\$894,300	\$4,282,604					



	Beginning Market Value	Contributions	Withdrawals	Net Cash Flow	Net Investment Change	Ending Market Value
GQG Partners Global Emerging Markets	-	\$25,000,000	\$0	\$25,000,000	-\$171,375	\$24,828,625
Great Hill Equity Partners IV, LP	\$3,752,004	\$35,000	-\$905,919	-\$870,919	\$639,808	\$3,520,893
GSO Direct Lending Account	\$11,787,738	\$0	-\$102,133	-\$102,133	\$237,382	\$11,922,987
Horizon Portfolio I	\$31,818,773	\$0	-\$15,000,000	-\$15,000,000	\$133,704	\$16,952,477
Hudson Bay Fund	\$771,818	\$0	-\$771,818	-\$771,818	\$0	
Internal Cash Account	\$87,825,224	\$88,866,836	-\$135,319,400	-\$46,452,564	\$306,715	\$41,679,374
JD Capital	\$20,123,958	\$0	-\$75,258	-\$75,258	\$542,002	\$20,590,701
Kepos Alpha Fund	\$17,691,558	\$0	-\$88,458	-\$88,458	-\$1,182,210	\$16,420,891
Keynes Leveraged Quantitative Strategies Fund	\$18,748,000	\$0	\$0	\$0	-\$319,000	\$18,429,000
Marshall Wace Eureka Fund	\$25,206,479	\$0	-\$10,079,466	-\$10,079,466	\$595,604	\$15,722,617
Medley Opportunity Fund II	\$40,998,003	\$0	-\$3,130,630	-\$3,130,630	\$392,479	\$38,259,852
MKP Opportunity Offshore, L.P.	\$9,910,055	\$0	-\$9,951,702	-\$9,951,702	\$41,647	\$0
Northern Trust Global LargeMid Natural Resources	\$7,357	\$5,938	-\$5,938	\$0	\$5,721	\$13,078
Northern Trust Intermediate Gov't 1-10 Year	\$92,832,330	\$0	\$0	\$0	\$599,058	\$93,431,389
Northern Trust MSCI World ex. U.S.	\$145,225,277	\$0	\$0	\$0	\$8,423,747	\$153,649,024
Northern Trust Russell 1000 Index	\$64,960,680	\$0	\$0	\$0	\$1,994,901	\$66,955,582
Northern Trust TIPS 0-5 Years	\$112,111,339	\$0	-\$15,000,000	-\$15,000,000	-\$470,230	\$96,641,108
Oberweis International Opportunities	\$31,468,411	\$14,283,142	-\$14,283,142	\$0	\$2,804,978	\$34,273,388
Pantheon Global Secondary Fund III 'B'	\$8,035,447	\$0	-\$697,613	-\$697,613	\$174,116	\$7,511,950
Pantheon USA Fund VII	\$25,844,640	\$0	-\$2,541,577	-\$2,541,577	\$2,089,815	\$25,392,878
Partners Group Secondary 2008, L.P.	\$2,420,244	\$0	-\$453,061	-\$453,061	\$285,529	\$2,252,713
Partners Group Secondary 2011, L.P.	\$12,332,695	\$0	-\$1,068,993	-\$1,068,993	\$611,283	\$11,874,986
Pathway Private Equity Fund VIII	\$7,080,843	\$0	-\$1,152,225	-\$1,152,225	\$210,956	\$6,139,573
Pharo Management, Ltd.	\$32,982,461	\$0	\$0	\$0	\$2,230,182	\$35,212,642
Pine River Fund Ltd	\$24,075,909	\$23,920,027	-\$24,020,092	-\$100,065	-\$295,244	\$23,680,600
Pine River Volatility Arbitrage	\$25,000,000	\$0	-\$30,812	-\$30,812	-\$406,338	\$24,562,850
Pinnacle Natural Resources, L.P.	\$35,222,040	\$0	\$0	\$0	\$107,080	\$35,329,120

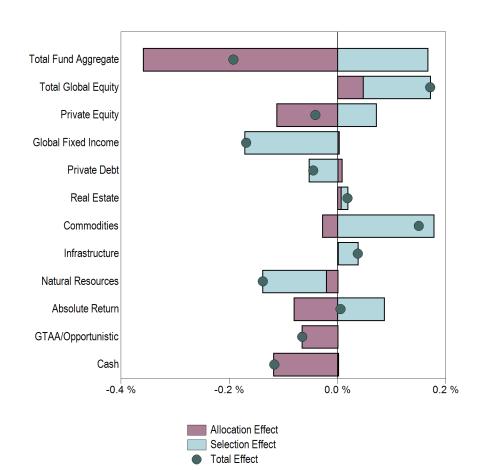


	Beginning Market Value	Contributions	Withdrawals	Net Cash Flow	Net Investment Change	Ending Market Value
PRISA	\$38,152,050	\$0	-\$342,727	-\$342,727	\$532,752	\$38,342,075
Rhumbline DJ Brookfield Global Infrastructure	\$99,119,513	\$9,662,230	-\$9,662,230	\$0	\$3,848,971	\$102,968,483
Rhumbline S&P Global Large MidCap Commodity & NR	\$112,469,057	\$12,314,497	-\$12,314,497	\$0	-\$3,341,284	\$109,127,773
Russell Currency Hedge	-\$625,512	\$67,727,975	-\$66,560,988	\$1,166,988	-\$972,143	-\$430,668
Russell EAFE Small Cap	\$0	\$0	\$0	\$0	\$0	
Russell Investments Overlay	\$32,418,560	\$66,391,217	-\$66,391,217	\$0	\$519,675	\$32,938,235
Sandler Plus Offshore Fund Ltd	\$26,569,528	\$0	-\$10,000,000	-\$10,000,000	\$438,946	\$17,008,474
Senator Global Opportunity Offshore Fund	\$37,731,656	\$0	\$0	\$0	\$1,307,074	\$39,038,730
SSgA DJ Brookfield Infrastructure Index	\$6,542	\$1	-\$2	-\$1	\$0	\$6,540
State Street Terminated Managers	\$3,356	\$0	-\$305	-\$305	\$105	\$3,155
Tristan Capital Partners	\$3,365,918	\$0	-\$43,632	-\$43,632	\$248,318	\$3,570,604
Voya Securitized Credit	\$59,884,174	\$0	\$0	\$0	\$2,151,267	\$62,035,441
White Oak Direct Lending Account	\$25,801,137	\$25,054,653	-\$25,393,158	-\$338,506	-\$485,996	\$24,976,636
Total	\$2,008,707,846	\$416,099,561	-\$469,462,808	-\$53,363,246	\$43,124,332	\$1,998,468,931



As of June 30, 2017

Attribution Effects QTD Ending June 30, 2017

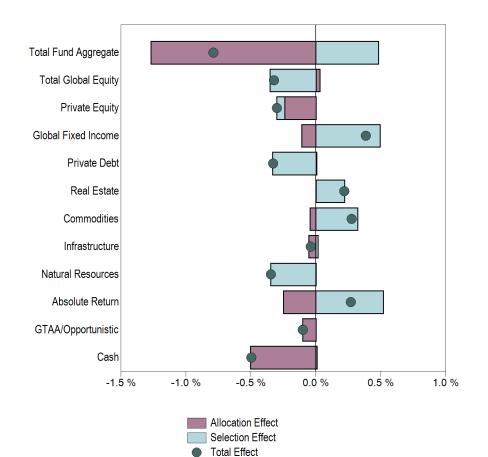


	Attribution Summary QTD Ending June 30, 2017												
	Wtd. Actual Return	Wtd. Index Return	Excess Return	Selection Effect	Allocation Effect	Total Effects							
Total Global Equity	4.6%	4.2%	0.4%	0.1%	0.0%	0.2%							
Private Equity	6.5%	4.1%	2.5%	0.1%	-0.1%	0.0%							
Global Fixed Income	1.6%	2.5%	-0.9%	-0.2%	0.0%	-0.2%							
Private Debt	0.0%	1.3%	-1.2%	-0.1%	0.0%	0.0%							
Real Estate	2.0%	1.8%	0.2%	0.0%	0.0%	0.0%							
Commodities	-0.3%	-3.0%	2.7%	0.2%	0.0%	0.2%							
Infrastructure	4.4%	3.7%	0.7%	0.0%	0.0%	0.0%							
Natural Resources	-3.0%	-0.9%	-2.0%	-0.1%	0.0%	-0.1%							
Absolute Return	0.0%	-0.7%	0.6%	0.1%	-0.1%	0.0%							
GTAA/Opportunistic	0.0%	3.6%	-3.6%	0.0%	-0.1%	-0.1%							
Cash	0.2%	0.2%	0.0%	0.0%	-0.1%	-0.1%							
Total	2.1%	2.3%	-0.2%	0.2%	-0.4%	-0.2%							



As of June 30, 2017

Attribution Effects FYTD Ending June 30, 2017

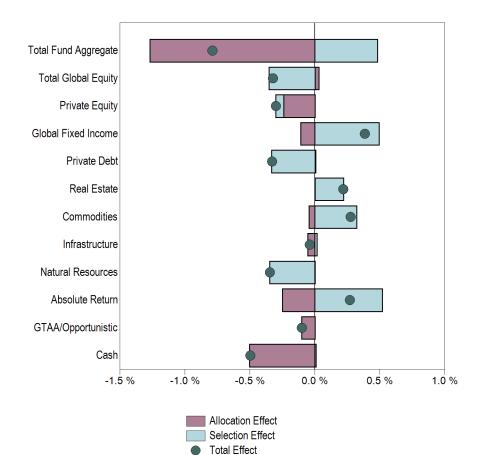


Attribution Summary FYTD Ending June 30, 2017						
	Wtd. Actual Return	Wtd. Index Return	Excess Return	Selection Effect	Allocation Effect	Total Effects
Tatal Olah al Familia						
Total Global Equity	17.7%	19.0%	-1.4%	-0.4%	0.0%	-0.3%
Private Equity	10.3%	12.0%	-1.7%	-0.1%	-0.2%	-0.3%
Global Fixed Income	2.2%	-0.2%	2.4%	0.5%	-0.1%	0.4%
Private Debt	2.7%	9.7%	-7.0%	-0.3%	0.0%	-0.3%
Real Estate	10.5%	7.0%	3.5%	0.2%	0.0%	0.2%
Commodities	-1.8%	-6.5%	4.7%	0.3%	0.0%	0.3%
Infrastructure	8.2%	8.0%	0.2%	0.0%	-0.1%	0.0%
Natural Resources	8.8%	15.3%	-6.6%	-0.3%	0.0%	-0.3%
Absolute Return	1.4%	-2.4%	3.8%	0.5%	-0.2%	0.3%
GTAA/Opportunistic	0.0%	10.1%	-10.1%	0.0%	-0.1%	-0.1%
Cash	0.6%	0.5%	0.1%	0.0%	-0.5%	-0.5%
Total	7.3%	8.1%	-0.8%	0.5%	-1.3%	-0.8%



As of June 30, 2017

Attribution Effects 1 Year Ending June 30, 2017

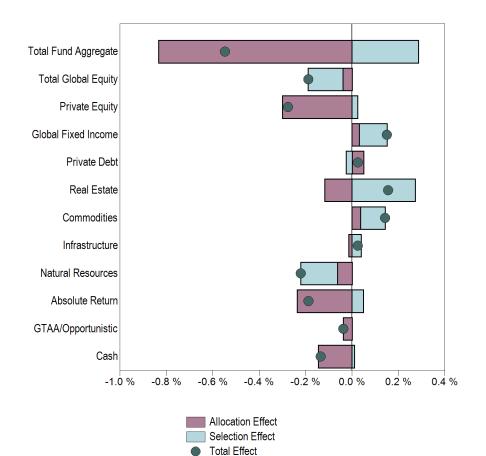


Attribution Summary 1 Year Ending June 30, 2017						
	Wtd. Actual Return	Wtd. Index Return	Excess Return	Selection Effect	Allocation Effect	Total Effects
Total Global Equity	17.7%	19.0%	-1.4%	-0.4%	0.0%	-0.3%
Private Equity	10.3%	12.0%	-1.7%	-0.1%	-0.2%	-0.3%
Global Fixed Income	2.2%	-0.2%	2.4%	0.5%	-0.1%	0.4%
Private Debt	2.7%	9.7%	-7.0%	-0.3%	0.0%	-0.3%
Real Estate	10.5%	7.0%	3.5%	0.2%	0.0%	0.2%
Commodities	-1.8%	-6.5%	4.7%	0.3%	0.0%	0.3%
Infrastructure	8.2%	8.0%	0.2%	0.0%	-0.1%	0.0%
Natural Resources	8.8%	15.3%	-6.6%	-0.3%	0.0%	-0.3%
Absolute Return	1.4%	-2.4%	3.8%	0.5%	-0.2%	0.3%
GTAA/Opportunistic	0.0%	10.1%	-10.1%	0.0%	-0.1%	-0.1%
Cash	0.6%	0.5%	0.1%	0.0%	-0.5%	-0.5%
Total	7.3%	8.1%	-0.8%	0.5%	-1.3%	-0.8%



As of June 30, 2017

Attribution Effects 3 Years Ending June 30, 2017

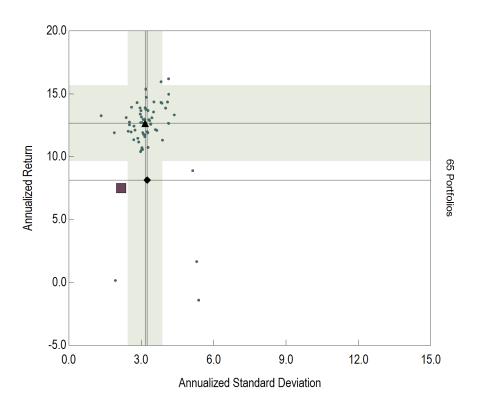


Attribution Summary 3 Years Ending June 30, 2017						
	Wtd. Actual Return	Wtd. Index Return	Excess Return	Selection Effect	Allocation Effect	Total Effects
Total Global Equity	4.3%	4.9%	-0.5%	-0.1%	0.0%	-0.2%
Private Equity	8.6%	8.2%	0.4%	0.0%	-0.3%	-0.3%
Global Fixed Income	1.3%	0.5%	0.8%	0.1%	0.0%	0.2%
Private Debt	3.4%	4.1%	-0.6%	0.0%	0.0%	0.0%
Real Estate	15.7%	10.2%	5.5%	0.3%	-0.1%	0.2%
Commodities	-13.6%	-14.8%	1.2%	0.1%	0.0%	0.1%
Infrastructure	3.0%	2.4%	0.6%	0.0%	0.0%	0.0%
Natural Resources	-7.4%	-4.7%	-2.7%	-0.2%	-0.1%	-0.2%
Absolute Return	2.1%	1.1%	0.9%	0.0%	-0.2%	-0.2%
GTAA/Opportunistic	0.0%	2.9%	-2.9%	0.0%	0.0%	0.0%
Cash	0.4%	0.2%	0.2%	0.0%	-0.1%	-0.1%
Total	1.9%	2.4%	-0.5%	0.3%	-0.8%	-0.5%



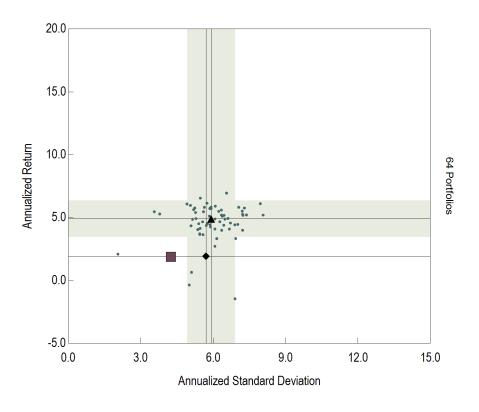
As of June 30, 2017

Annualized Return vs. Annualized Standard Deviation 1 Year Ending June 30, 2017



- Total Fund Aggregate
- San Jose FCERS Policy Benchmark
- ▲ Universe Median
- 68% Confidence Interval
- InvestorForce Public DB > \$1B Net

Annualized Return vs. Annualized Standard Deviation 3 Years Ending June 30, 2017

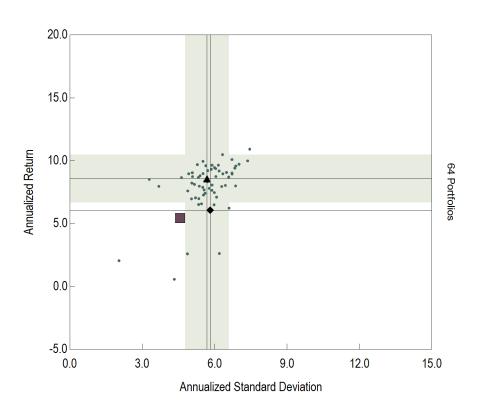


- Total Fund Aggregate
- San Jose FCERS Policy Benchmark
- ▲ Universe Median
- 68% Confidence Interval
- InvestorForce Public DB > \$1B Net



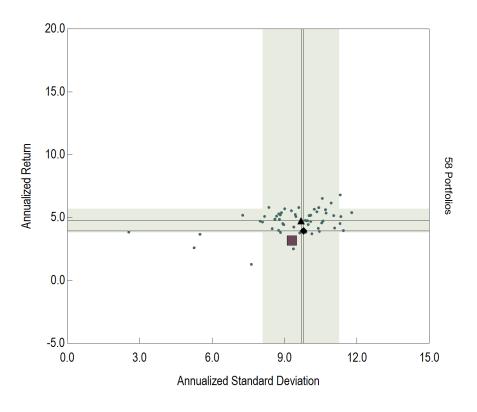
As of June 30, 2017

Annualized Return vs. Annualized Standard Deviation 5 Years Ending June 30, 2017



- Total Fund Aggregate
- ◆ San Jose FCERS Policy Benchmark
- ▲ Universe Median
- 68% Confidence Interval
- InvestorForce Public DB > \$1B Net

Annualized Return vs. Annualized Standard Deviation 10 Years Ending June 30, 2017



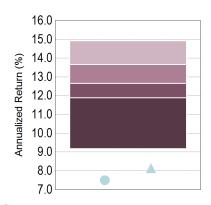
- Total Fund Aggregate
- ◆ San Jose FCERS Policy Benchmark
- ▲ Universe Median
- 68% Confidence Interval
- InvestorForce Public DB > \$1B Net



Total Fund Risk Statistics vs. Peer Universe (Trailing 1 Year)

As of June 30, 2017

Annualized Return (%) vs. InvestorForce Public DB > \$1B Net



- Total Fund Aggregate
 Value 7.5
 Rank 96
 San Jose FCERS Policy Benchmark
 Value 8.1
 Rank 96
 Universe
 - 5th %tile
 14.9

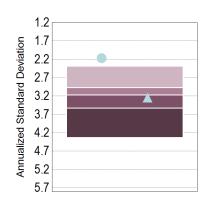
 25th %tile
 13.7

 Median
 12.7

 75th %tile
 11.9

 95th %tile
 9.2

Annualized Standard Deviation vs. InvestorForce Public DB > \$1B Net

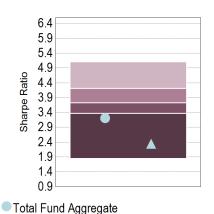


Total Fund Aggregate Value 2.2 Rank ▲ San Jose FCERS Policy Benchmark Value 3.2 58 Rank Universe 5th %tile 2.4 25th %tile 3.0 Median 3.2 3.5 75th %tile

4.3

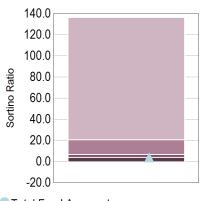
95th %tile

Sharpe Ratio vs. InvestorForce Public DB > \$1B Net



Value 3.2 Rank 86 San Jose FCERS Policy Benchmark Value 2.3 95 Rank Universe 5th %tile 5.1 4.2 25th %tile 3.7 Median 75th %tile 3.4 95th %tile 1.9

Sortino Ratio vs. InvestorForce Public DB > \$1B Net



■ Total Fund Aggregate

Value --Rank --
San Jose FCERS Policy Benchmark

Value 3.9
Rank 81

Universe
5th %tile 136.3
25th %tile 20.8

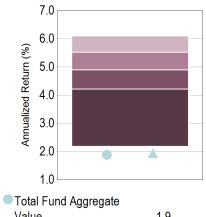
5th %tile	136.3
25th %tile	20.8
Median	6.9
75th %tile	4.2
95th %tile	0.0



Total Fund Risk Statistics vs. Peer Universe (Trailing 3 Years)

As of June 30, 2017

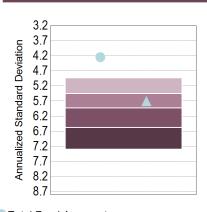
Annualized Return (%) vs. InvestorForce Public DB > \$1B Net



1.9 Value Rank 96 A San Jose FCERS Policy Benchmark Value 1.9 96 Rank Universe 5th %tile 6.1 5.5 25th %tile Median 4.9 4.2 75th %tile

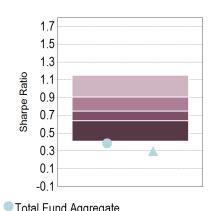
2.2

Annualized Standard Deviation vs. InvestorForce Public DB > \$1B Net



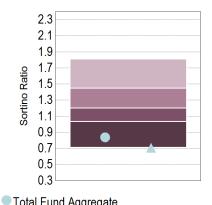
Total Fund Aggregate 4.2 Value Rank ▲ San Jose FCERS Policy Benchmark Value 5.7 37 Rank Universe 5th %tile 4.9 5.4 25th %tile 5.9 Median 75th %tile 6.6 95th %tile 7.3

Sharpe Ratio vs. InvestorForce Public DB > \$1B Net



Total i uliu Aggregate	
Value	0.4
Rank	96
▲ San Jose FCERS Policy	Benchmark
Value	0.3
Rank	96
Universe	
5th %tile	1.2
25th %tile	0.9
Median	8.0
75th %tile	0.6
95th %tile	0.4

Sortino Ratio vs. InvestorForce Public DB > \$1B Net



- rotai i unu Aggregate	
Value	8.0
Rank	90
San Jose FCERS Policy	Benchmark
Value	0.7
Rank	96
Universe	
5th %tile	1.8
25th %tile	1.5
Median	1.2
75th %tile	1.0
95th %tile	0.7

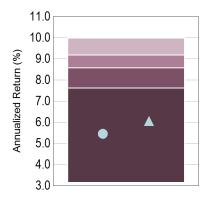


95th %tile

Total Fund Risk Statistics vs. Peer Universe (Trailing 5 Years)

As of June 30, 2017

Annualized Return (%) vs. InvestorForce Public DB > \$1B Net



- Total Fund Aggregate

 Value 5.4

 Rank 94

 San Jose FCERS Policy Benchmark

 Value 6.1

 Rank 94
 - Universe

 5th %tile
 10.0

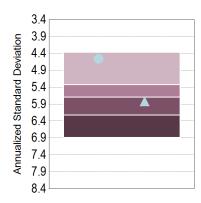
 25th %tile
 9.2

 Median
 8.6

 75th %tile
 7.6

 95th %tile
 3.2

Annualized Standard Deviation vs. InvestorForce Public DB > \$1B Net

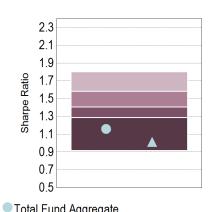


Total Fund Aggregate 4.6 Value Rank ▲ San Jose FCERS Policy Benchmark Value 5.8 55 Rank Universe 5th %tile 4.4 5.3 25th %tile 5.7 Median 6.2 75th %tile

6.9

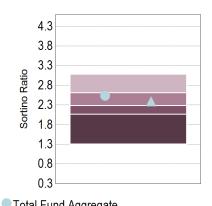
95th %tile

Sharpe Ratio vs. InvestorForce Public DB > \$1B Net



- rotarr and riggrogato	
Value	1.2
Rank	89
San Jose FCERS Policy	Benchmark
Value	1.0
Rank	93
Universe	
5th %tile	1.8
25th %tile	1.6
Median	1.4
75th %tile	1.3
95th %tile	0.9

Sortino Ratio vs. InvestorForce Public DB > \$1B Net



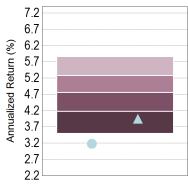
Total Fund Aggregate	
Value	2.5
Rank	30
San Jose FCERS Policy	Benchmark
Value	2.4
Rank	43
Universe	
5th %tile	3.1
25th %tile	2.6
Median	2.3
75th %tile	2.1
95th %tile	1.3



Total Fund Risk Statistics vs. Peer Universe (Trailing 10 Years)

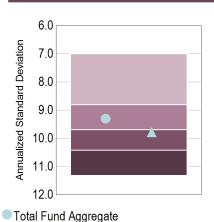
As of June 30, 2017

Annualized Return (%) vs. InvestorForce Public DB > \$1B Net



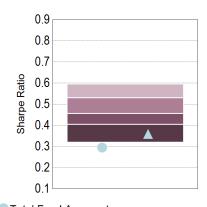
Total Fund Aggregate Value 3.2 Rank 96 A San Jose FCERS Policy Benchmark Value 3.9 84 Rank Universe 5th %tile 5.9 25th %tile 5.3 Median 4.8 4.2 75th %tile 95th %tile 3.5

Annualized Standard Deviation vs. InvestorForce Public DB > \$1B Net



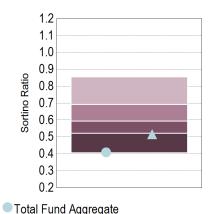
9.3 Value Rank 38 ▲ San Jose FCERS Policy Benchmark Value 9.8 Rank 52 Universe 5th %tile 7.0 8.8 25th %tile 9.7 Median 75th %tile 10.4 95th %tile 11.3

Sharpe Ratio vs. InvestorForce Public DB > \$1B Net



Total Fund Aggregate	
Value	0.3
Rank	97
San Jose FCERS Policy	Benchmark
Value	0.4
Rank	86
Universe	
5th %tile	0.6
25th %tile	0.5
Median	0.5
75th %tile	0.4
95th %tile	0.3

Sortino Ratio vs. InvestorForce Public DB > \$1B Net



Value	0.4
Rank	95
San Jose FCERS Poli	cy Benchmark
Value	0.5
Rank	78
Universe	
5th %tile	0.9
25th %tile	0.7
Median	0.6
75th %tile	0.5
95th %tile	0.4



As of June 30, 2017

Rolling Annualized Excess Performance

