

As of June 30, 2021

Quarterly Review

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Agenda

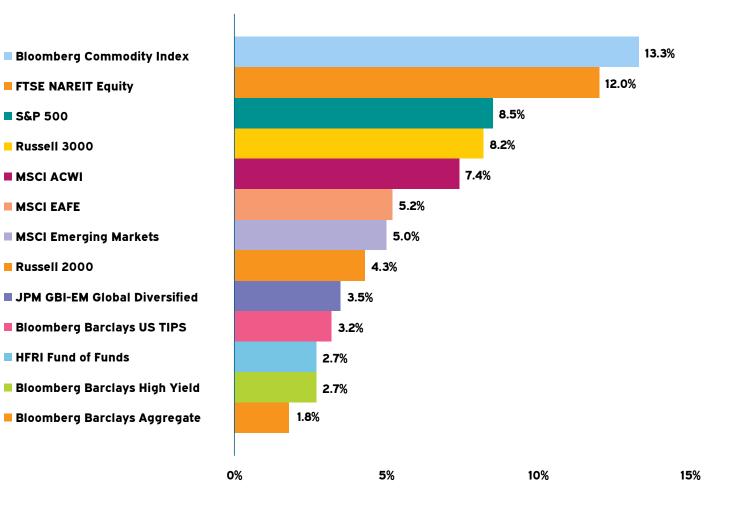
- 1. The World Markets in the Second Quarter 2021
- 2. Executive Summary
 - Aggregate Plan Overview
 - Manager Highlights
 - Second Quarter Manager Summary
 - Watch List
 - Market Environment 2Q21 Overview
- 3. 2Q21 Review
- 4. Glossary and Notes

The World Markets Second Quarter of 2021

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The World Markets Second Quarter of 2021

The World Markets¹ Second Quarter of 2021



¹ Source: InvestorForce.



The World Markets Second Quarter of 2021

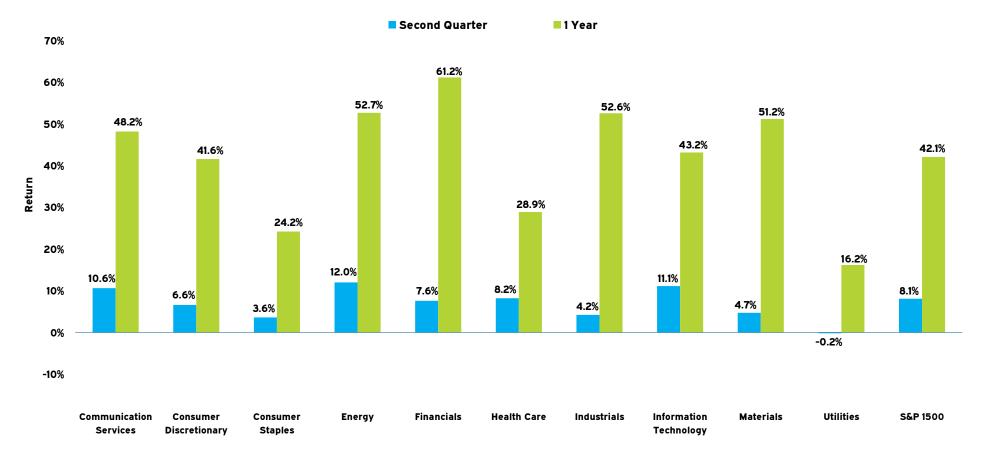
	2Q21 (%)	YTD (%)	1 YR (%)	3 YR (%)	5 YR (%)	10 YR (%)
omestic Equity						
S&P 500	8.5	15.3	40.8	18.7	17.6	14.8
Russell 3000	8.2	15.1	44.2	18.7	17.9	14.7
Russell 1000	8.5	15.0	43.1	19.2	18.0	14.9
Russell 1000 Growth	11.9	13.0	42.5	25.1	23.7	17.9
Russell 1000 Value	5.2	17.0	43.7	12.4	11.9	11.6
Russell MidCap	7.5	16.2	49.8	16.4	15.6	13.2
Russell MidCap Growth	11.1	10.4	43.8	22.4	20.5	15.1
Russell MidCap Value	5.7	19.5	53.1	11.9	11.8	11.7
Russell 2000	4.3	17.5	62.0	13.5	16.5	12.3
Russell 2000 Growth	3.9	9.0	51.4	15.9	18.8	13.5
Russell 2000 Value	4.6	26.7	73.3	10.3	13.6	10.8
oreign Equity						
MSCI ACWI (ex. US)	5.6	9.3	35.9	9.4	11.1	5.5
MSCI EAFE	5.2	8.8	32.3	8.3	10.3	5.9
MSCI EAFE (Local Currency)	4.8	12.7	27.1	7.5	10.0	8.1
MSCI EAFE Small Cap	4.4	9.1	41.1	8.4	12.0	8.4
MSCI Emerging Markets	5.0	7.4	40.9	11.3	13.0	4.3
MSCI Emerging Markets (Local Currency)	3.8	7.9	36.1	12.0	13.6	7.6
ixed Income						
Bloomberg Barclays Universal	2.0	-1.1	1.1	5.6	3.5	3.7
Bloomberg Barclays Aggregate	1.8	-1.6	-0.3	5.3	3.0	3.4
Bloomberg Barclays US TIPS	3.2	1.7	6.5	6.5	4.2	3.4
Bloomberg Barclays High Yield	2.7	3.6	15.4	7.4	7.5	6.7
JPM GBI-EM Global Diversified	3.5	-3.4	6.6	4.1	3.2	0.5
ther						
FTSE NAREIT Equity	12.0	21.3	32.8	11.8	8.0	10.2
Bloomberg Commodity Index	13.3	21.2	45.6	3.9	2.4	-4.4
HFRI Fund of Funds	2.7	4.8	18.1	6.3	6.1	3.8

Index Returns¹

¹ Source: InvestorForce.



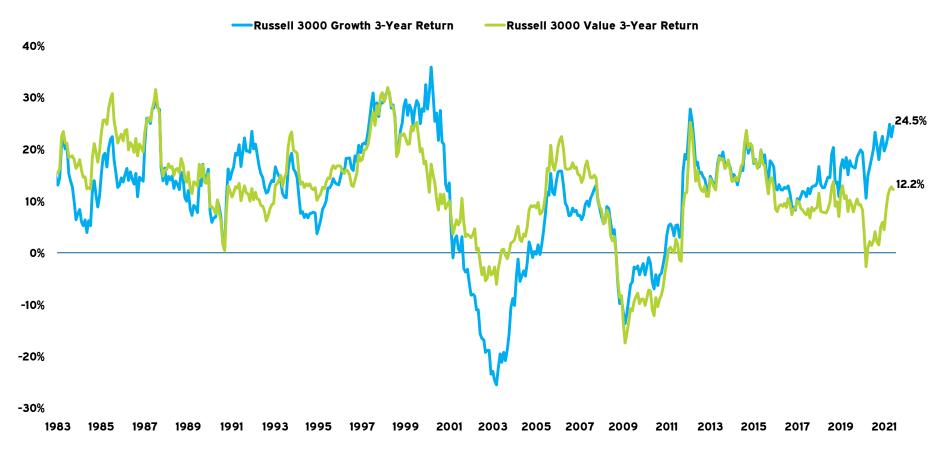
The World Markets Second Quarter of 2021



S&P Sector Returns¹

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



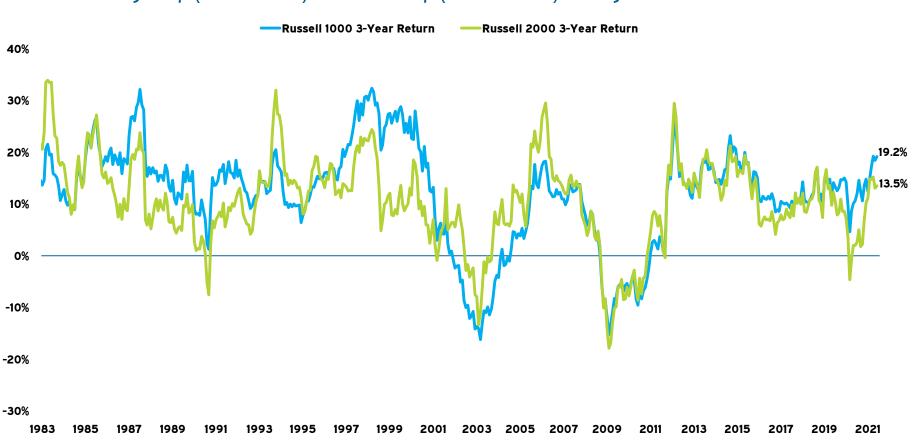


Growth and Value Rolling Three Year Returns¹

¹ Source: InvestorForce.

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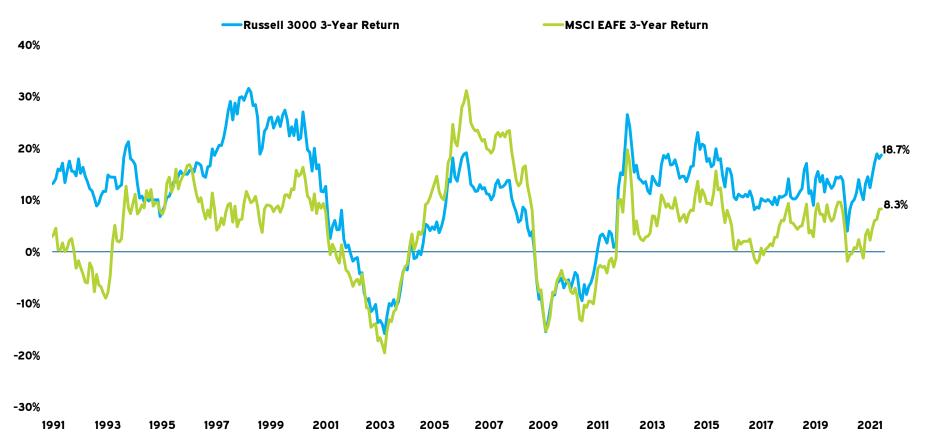


Large Cap (Russell 1000) and Small Cap (Russell 2000) Rolling Three Year Returns¹

¹ Source: InvestorForce.

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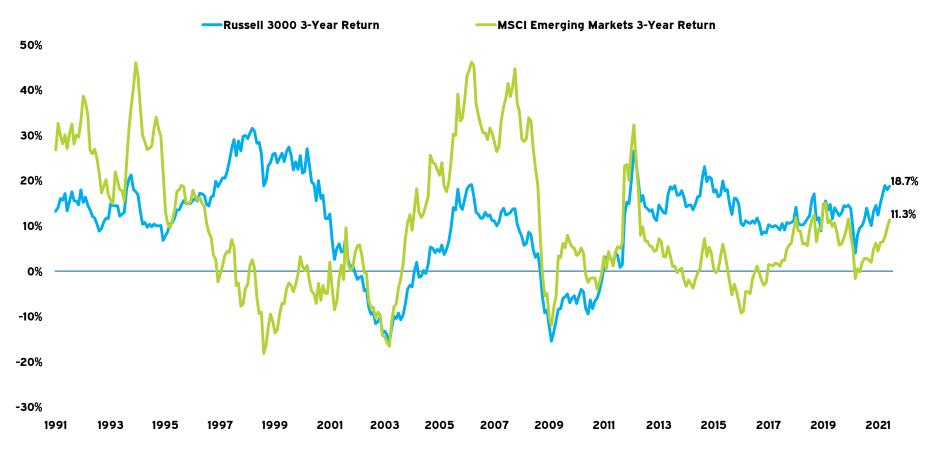




US and Developed Market Foreign Equity Rolling Three-Year Returns¹

¹ Source: InvestorForce.



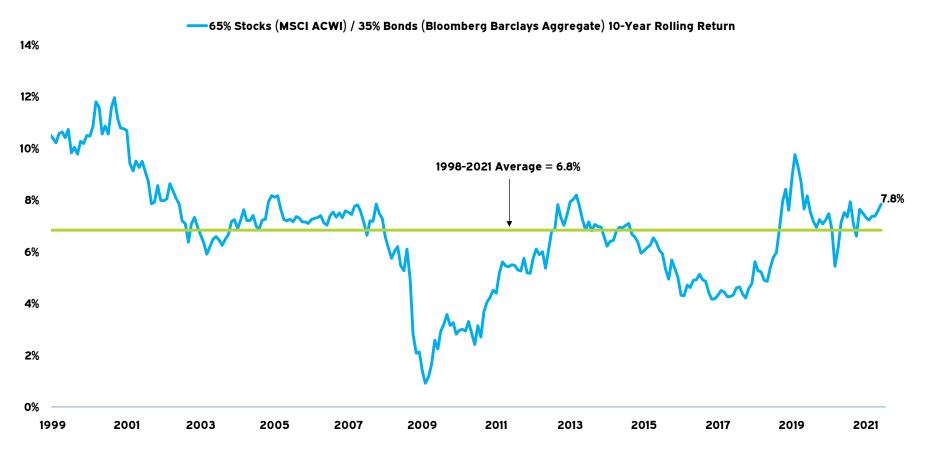


US and Emerging Market Equity Rolling Three-Year Returns¹

¹ Source: InvestorForce.

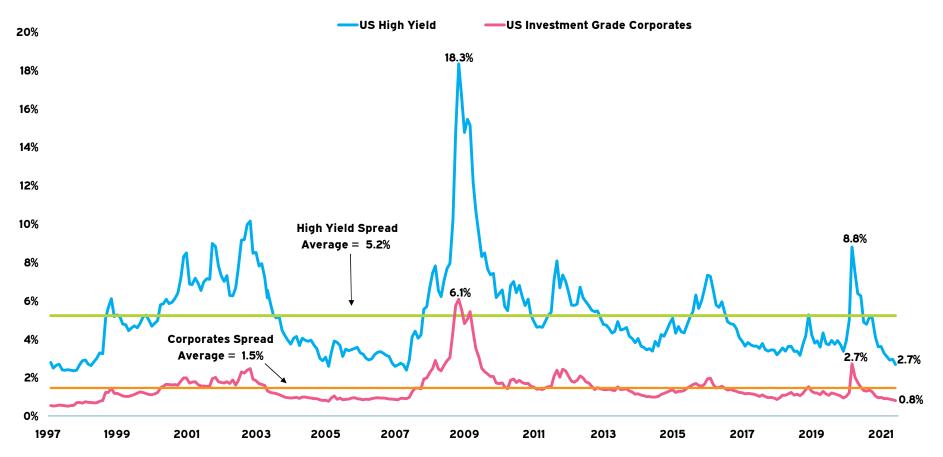


Rolling Ten-Year Returns: 65% Stocks and 35% Bonds¹



¹ Source: InvestorForce.





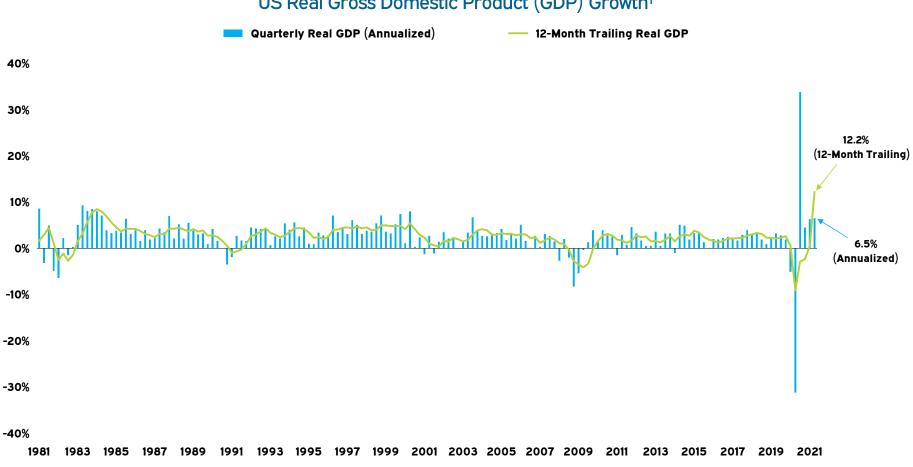
Credit Spreads vs. US Treasury Bonds^{1,2}

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¹ Source: Barclays Live. Data represents the OAS.

² The median high yield spread was 4.7% from 1997-2021.





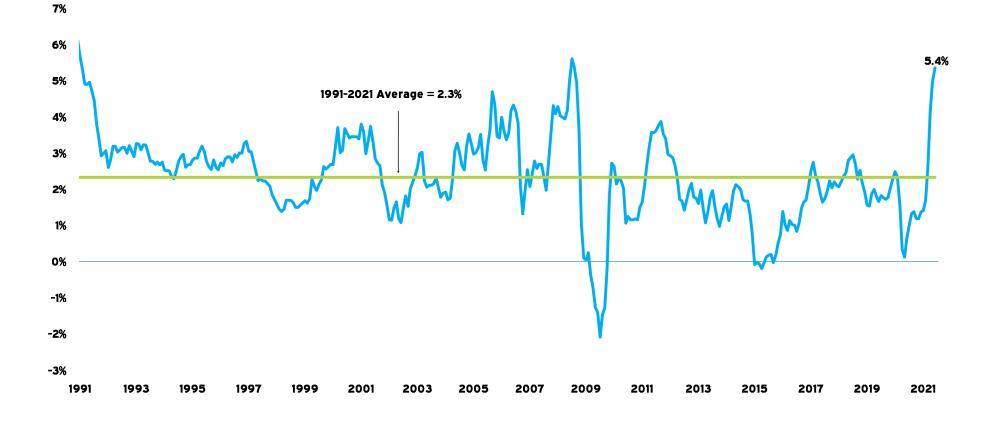
US Real Gross Domestic Product (GDP) Growth¹

Source: Bureau of Economic Analysis. Data is as of Q2 2021 and represents the first estimate. 1

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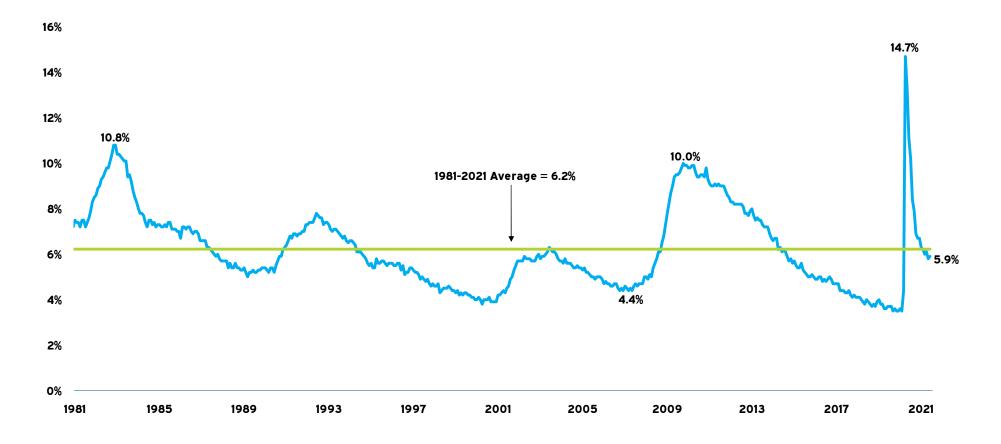
US Inflation (CPI) Trailing Twelve Months¹



¹ 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, 2021.







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¹ Source: Bureau of Labor Statistics. Data is as of June 30, 2021.

Executive Summary As of June 30, 2021



Aggregate Plan Overview

The value of the City of San Jose Police & Fire Department Retirement Plan's assets was \$4.7 billion on June 30, 2021, an increase of approximately \$211 million from the end of the prior quarter. The Plan had net cash outflows of \$61 million, and investment gains of \$273 million, during the quarter.

- The Retirement Plan's net of fees performance for the quarter was +6.1%, compared to the Policy Benchmark (+6.3%), Investable Benchmark Portfolio (+6.1%), and a 60/40 global portfolio (+4.8%). The peer median return was +5.3%. The Plan ranked in the top quartile of the peer group for the quarter.
- The Retirement Plan returned +26.3% over the trailing one-year period, outperforming both the Policy Benchmark (+25.2%) and Investable Benchmark (+25.7%). The Retirement Plan's standard deviation of returns was 7.7% over the trailing one-year period, exhibiting lower volatility than the peer median (7.8%).
 - Growth returned +8.0% for the quarter and +38.4% over the trailing one-year period, keeping up with the strong +8.2% and +39.3% returns for the Growth Benchmark over the same periods, respectively.
 - Low Beta returned +1.0% for the quarter and +3.9% over the trailing one-year period, outperforming the 0.0% and +0.2% returns for the Low Beta Benchmark over the same periods, respectively.
 - Other returned +1.8% for the quarter and +0.8% over the trailing one-year period, slightly trailing the +2.6% and +0.8% returns for the Other Benchmark over the same periods, respectively.
- During the quarter, the System added four new investments: BlackRock Commodity Index Fund (Commodities), Crabel Advanced Trend (Relative Value), Innovation Endeavors IV (Venture Capital), and SVP Special Situations V (Private Debt). Additionally, the Retirement System terminated four investments: HarbourVest Dover Street IX (Private Equity), HarbourVest Partners VIII (Private Equity), Industry Ventures Partnership (Private Equity), and Voya TALF (Investment Grade Bonds).



Manager Highlights

Artisan

• Artisan Global Value returned +5.3% for the quarter, outperforming the MSCI ACWI Value NR USD benchmark by 50 basis points. Outperformance for the quarter was driven by Richemont (positive earnings surprise from jewelry), Alphabet (online advertising), and Facebook (online advertising). Compared to peers, Artisan ranks in the top half/44th percentile of its peer group since inception (1st is best and 100th is worst).

Oberweis

• Oberweis Int'l Opportunities returned +7.5% for the quarter and +56.6% over the trailing one-year period, outperforming the MSCI World ex USA Small Cap Growth benchmark returns of +5.2% and +39.4% over the same time periods. Outperformance was attributed to strong stock selection among companies that have experienced market share gains during the pandemic. Compared to peers, Oberweis ranked in the 30th percentile for the quarter and 7th percentile since inception.

Payden

• Payden EMD Blended Currency returned +4.3% for the quarter, outperforming the 50% JPM EMBI GD/50% JPM GBI-EM benchmark by 50 bps. Positive results were driven by steady global rates, upward revisions to global growth, and currency appreciation vs. the US dollar. This strategy was recently funded in December 2020.

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City of San Jose Police and Fire Department Retirement Plan

Second Quarter Manager Summary

Investment Manager	Asset Class	Changes/ Announcements	Meketa Recommendation ¹	Comments
Artisan Global Value	Global Equity			
Artisan Global Opportunities	Global Equity			
Cove Street Small Cap Value	US Equity			
Oberweis International Opps	International Equity			
Dimensional EM Value	Emerging Markets Equity		Hold	Watch List
GQG Partners Global EM	Emerging Markets Equity			
RWC Emerging Markets Equity	Emerging Markets Equity			
Wellington EM Systematic	Emerging Markets Equity			
Mellon High Yield Beta	High Yield Bonds			
Columbia High Yield	High Yield Bonds			
Wellington Iguazu Partners LP	Emerging Markets Debt			
Payden EMD Blended Currency	Emerging Markets Debt			
BlackRock Core Property	Core Real Estate			
Clarion Lion Properties	Core Real Estate			
Voya Securitized Credit	Investment Grade Bonds			
Invesco Core Bonds	Investment Grade Bonds			

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



Watch List

Watch List^{1,2}

Investment Manager	Asset Class	Watch List Status	Comments
Dimensional EM Value	Emerging Markets Equity	Monitoring	Underperformance

¹ Watch List excludes Private Markets and Passive Funds.

² Placement on the Watch List includes qualitative reasons and manager underperformance versus the appropriate benchmark over a three and/or five year period as outlined in the Investment Policy Statement.



Second Quarter Manager Summary

Dimensional

• Over the three-year period, Dimensional (+7.2%) has underperformed the MSCI Emerging Markets Value by 60 basis points. Since inception in July 2015, Dimensional has outperformed the benchmark by 130 basis points per year, on average, and ranked in the 82nd percentile compared to peers.

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City of San Jose Police and Fire Department Retirement Plan

Market Environment – 2021 Overview

Benchmark	Scope	2Q21 (%)	1 YR (%)	3 YR (%)	5 YR (%)	10 YR (%)	HFRI Macro (Total)	<u> </u>	
Global Equity		(70)	(70)	(70)	(70)	(70)	S&P Global Natural Resources	_	
MSCI ACWI IMI	World	7.2	40.9	14.2	14.5	9.9	DJ Brookfield Global Infra.		
MSCI ACWI IMI Net (Local)	World (Local Currency)	6.9	38.3	14,1	14.5	11.2			
Domestic Equity							Bloomberg Commodity		
S&P 500	Large Core	8.5	40.8	18.7	17.6	14.8	NCREIF Property	-	
Russell 1000	Large Core	8.5	43.1	19.2	18.0	14.9	Cambridge Assoc.PE ldx 1Q Lag		
Russell 1000 Growth	Large Growth	11.9	42.5	25.1	23.7	17.9	Barclays US TIPS	-	
Russell 1000 Value	Large Value	5.2	43.7	12.4	11.9	11.6	Barclays US HY		
Russell 2000	Small Core	4.3	62.0	13.5	16.5	12.3	•		
Russell 2000 Growth	Small Growth	3.9	51.4	15.9	18.8	13.5	Barclays US Aggregate		
Russell 2000 Value	Small Value	4.6	73.3	10.3	13.6	10.8	JPM EMBI Global TR	-	
Russell 3000	All Cap Core	8.2	44.2	18.7	17.9	14.7	JPM GBI-EM GD		
International Equity							S&P Global Leveraged Loan	• • • • • • • • • • • • • • • • • • •	
MSCI World ex US	World ex-US	5.6	33.6	8.6	10.4	5.7	Barclays Global Aggregate		
MSCIEAFE	International Developed	5.2	32.3	8.3	10.3	5.9			
MSCI EAFE (Local)	International Developed (Local Currency)	4.8	27.1	7.5	10.0	8.1	MSCI EM (Local) MSCI EM		
MSCI EM	Emerging Markets	5.0	40.9	11.3	13.0	4.3			🗖 Quarter
MSCI EM (Local)	Emerging Markets (Local	3.8	36.1	12.0	13.6	7.6	MSCI EAFE (Local)		a quarter
· · ·	Currency)						MSCI EAFE		📕 1 Year
Global Fixed Income							MSCI World ex US		
Barclays Global Aggregate	Global Core Bonds	1.3	2.6	4.2	2.3	2.1	Russell 3000		
S&P Global Leveraged Loan	Bank Loans	1.5	11.7	3.9	4.8	4.1			
JPM GBI-EM GD	Emerging Markets Bonds	1.4	1.8	7.2	6.4	7.0	Russell 2000 Value		
	(Local Currency)						Russell 2000 Growth		-
JPM EMBI Global TR	Emerging Market Bonds	3.9	6.8	6.5	4.4	5.3	Russell 2000		
Domestic Fixed Income		10	0.0	5.2	2.0	2.4	Russell 1000 Value		
Barclays US Aggregate	Core Bonds	1.8	-0.3	5.3	3.0	3.4			
Barclays US HY	High Yield	2.7	15.4	7.4 6.5	7.5	6.7	Russell 1000 Growth		
Barclays US TIPS Other	Inflation	3.2	6.5	C.0	4.2	3.4	Russell 1000		
	Private Equity	10.8	62.4	24.5	20.5	16.5	S&P 500		
Cambridge AssociatesPE Index 1Qtr Lag NCREIF Property	Real Estate	10.8 3.6	02.4 7.4	24.5 5.5	20.5 6.1	C.01 8.8	MSCI ACWI IMI Net (Local)		
Bloomberg Commodity	Commodities	13.3	45.6	3.9	2.4	-4.4			
DJ Brookfield Global Infrastructure	Infrastructure	6.9	43.0 18.8	3.9 8.0	2.4 6.8	8.2			
S&P Global Natural Resources	Natural Resources	0.9 7.3	49.3	6.1	11.4	2.3	-20%	0% 20% 40%	60% 80
HFRI Macro	Hedge Funds	4.0	15.0	5.9	3.2	2.0		Return	

2Q21 Review

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City of San Jose Police and Fire Department Retirement Plan

Curren	nt	Overlay Net	Ро	licy		Allocation vs. Targets and Poli	су		
		Net				Current Balance	Current Allocation	Russell Overlay Net Position	Policy
					Growth	\$3,211,287,129	68.7%	69.0%	69.0%
					Public Equity	\$2,184,636,166	46.7%	47.0%	46.0%
					Private Markets	\$843,600,927	18.0%	18.0%	19.0%
					Emerging Markets Debt	\$93,747,944	2.0%	2.0%	2.0%
					High Yield Bonds	\$89,302,093	1.9%	1.9%	2.0%
	68.7%			69.0%	Low Beta	\$388,438,101	8.3%	8.3%	8.0%
		6	9.0%		Market Neutral Strategies	\$143,761,161	3.1%	3.1%	3.0%
					Immunized Cash Flows	\$182,193,402	3.9%	3.9%	5.0%
					Cash	\$62,483,537	1.3%	1.3%	0.0%
					Other	\$1,049,001,540	22.4%	24.1%	23.0%
					Core Real Estate	\$206,970,910	4.4%	4.4%	5.0%
					Commodities	\$93,693,732	2.0%	2.0%	2.0%
					TIPS	\$88,627,691	1.9%	1.9%	2.0%
					Investment Grade Bonds	\$524,734,472	11.2%	12.5%	11.0%
					Long Term Govt Bonds	\$134,974,735	2.9%	3.2%	3.0%
	8.3%	8	8.3%	8.0%	Overlay	\$27,858,976	0.6%	-1.3%	0.0%
					Total	\$4,676,585,746	100.0%	100.0%	100.0%
	22.4%	2	24.1%	23.0%	¹ Data in the column titled "Russel Overlay Net Posi	ition" is based on physical exposures, adjusted for synthetic positions p	ovided by Russell Investm	ients.	
	0.6%	-	1.3%	0.0%	² Policy Targets represent approved asset allocation	n from the Special Board Meeting on March 18th, 2020.			

Total Fund | As of June 30, 2021

	Asset Class Net F	Performan	ce Sum	mary						
	Market Value (\$)	% of Portfolio	QTD (%)	YTD (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Inception (%)	Inception Date
Total Fund	4,676,585,746	100.0	6.1	8.9	26.3	10.7	9.7	6.9	8.6	Mar-71
Policy Benchmark			6.3	8.8	25.2	10.4	9.7	7.1		Mar-71
Investable Benchmark Portolio			6.1	8.3	25.7	10.4	9.6	6.8		Mar-71
Low-Cost Passive Portfolio			5.5	8.5	25.8					Mar-71
60/40 MSCI ACWI IMI/BBgBarc Global Aggregate			4.8	6.1	24.5	10.5	9.8	6.9		Mar-71
Liability Benchmark Portfolio			6.5	-7.9	-10.6					Mar-71
InvMetrics Public DB > \$1B Net Median			5.3	9.1	27.0	10.6	10.5	8.2		Mar-71
InvMetrics Public DB > \$1B Net Rank			19	56	58	49	82	95		Mar-71
Growth	3,211,287,129	68.7	8.0	12.8	38.4	14.5	13.3		10.9	Jul-15
Growth Benchmark			<i>8.2</i>	13.0	39.3	14.5	13.8		11.4	Jul-15
Public Equity	2,184,636,166	46.7	7.0	12.3	44.4	15.1	15.0	10.1	8.0	Apr-08
Public Equity Benchmark			7.2	12.4	42.1	14.4	14.7	10.1	8.0	Apr-08
Global Equity	708,862,436	15.2	6.9	11.7	43.8	17.3	17.6		13.9	Mar-13
MSCI ACWI IMI			7.2	12.7	40.9	14.2	14.5		11.0	Mar-13
eV All Global Equity Net Median			7.2	12.7	39.9	14.3	14.4	9.9	10.9	Mar-13
eV All Global Equity Net Rank			55	62	34	31	26	-	21	Mar-13
U.S. Equity	778,300,929	16.6	7.9	15.6	45.0	18.9	17.9	14.8	10.7	Jun-95
MSCI USA IMI NR USD			8.4	15.1	43.8	18.2	17.3	14.1	10.3	Jun-95
eV All US Equity Net Median			6.6	15.9	45.6	15.6	15.9	12.9	11.3	Jun-95
eV All US Equity Net Rank	1		34	53	53	31	34	25	67	Jun-95

¹ Fiscal Year begins July 1.

² Please see the Appendix for composition of the Policy Benchmark, Low-Cost Passive Portfolio, Liability Benchmark Portfolio, Growth Benchmark, and Public Equity Benchmark.

³ Returns for the Equity Aggregate are gross of fees through June 2015 and net of fees thereafter.



	Market Value (\$)	% of Portfolio	QTD (%)	YTD (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Inception (%)	Inception Date
	(\$)	Portiono	(%)	(%)	(%)	(%)	(%)	(%)	(%)	Dale
International Equity	344,371,363	7.4	6.2	9.3	40.2	11.0	12.3	7.5	8.2	Jun-95
MSCI World ex USA IMI NR USD			5.5	9.9	34.8	8.6	10.6	6.0		Jun-95
eV ACWI ex-US All Cap Equity Net Median			5.6	8.1	39.0	12.3	12.8	8.1	7.3	Jun-95
eV ACWI ex-US All Cap Equity Net Rank			43	44	47	61	58	59	27	Jun-95
Emerging Markets Equity	353,101,438	7.6	6.4	10.3	47.4	11.3	11.9	3.2	9.9	Sep-01
MSCI Emerging Market IMI Net			5.7	8.7	43.2	11.4	12.9	4.3	10.7	Sep-01
eV Emg Mkts Equity Net Median			5.2	8.8	43.8	11.2	13.1	5.0	10.9	Sep-01
eV Emg Mkts Equity Net Rank			38	39	32	50	66	88	91	Sep-01
Private Markets	843,600,927	18.0	11.8	17.1	32.4	11.9	10.9	-	9.4	Jul-15
Private Markets Benchmark			11.8	17.1	32.4	11.6	11.1		10.0	Jul-15
MSCI ACWI IMI + 100bps			7.4	13.2	42.3	15.4	15.7		12.4	Jul-15
Private Markets ex Russell 3000	706,573,011	15.1	12.5	17.4	30.6					Jul-15
Private Equity	482,920,166	10.3	18.3	21.8	43.2	21.2	18.2	13.8	11.8	Oct-05
San Jose Custom Private Equity Benchmark			10.8	24.4	52.1	18.1	18.0	14.3	13.1	Oct-05
Private Equity ex Russell 3000	345,892,250	7.4	18.3	21.8	43.2	21.0	17.4	12.7	10.4	Oct-05
Northern Trust Russell 3000	137,027,916	2.9	8.2	15.1	44.1	18.7	17.9		14.2	Apr-14
Russell 3000			8.2	15.1	44.2	18.7	17.9	-	14.2	Apr-14
Private Debt	138,777,220	3.0	10.3	17.3	25.9	6.6	6.1		5.7	Oct-15
S&P Global Leveraged Loan + 2%			2.0	4.3	13.9	6.0	6.9		6.6	Oct-15
Growth Real Estate	151,531,718	3.2	3.7	9.0	13.4	7.3	8.9		8.2	Jul-15
NCREIF ODCE Equal-Weighted			4.2	6.3	8.0	5.2	6.1		6.9	Jul-15

Total Fund | As of June 30, 2021

¹ Please see the Appendix for composition of the Private Markets Benchmark.

². Private Equity composite includes Russell 3000 proxy performance history prior to October 1, 2018.



	Market Value (\$)	% of Portfolio	QTD (%)	YTD (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Inception (%)	Inception Date
Private Real Assets	61,167,120	1.3	7.1	11.6	19.2	6.6	5.8		5.7	Jun-16
Venture Capital	9,204,703	0.2	5.6	4.3					10.0	Sep-20
High Yield Bonds	89,302,093	1.9	2.8	3.3	15.1			-	13.9	Jun-20
BBgBarc US Corporate High Yield TR			2.7	3.6	15.4				15.1	Jun-20
Emerging Market Debt	93,747,944	2.0	3.5	1.0	6.8	8.1	6.2		2.7	Jan-13
50% JPM EMBI GD / 50% JPM GBI-EM			3.8	-2.0	7.1	5.5	4.1		2.1	Jan-13
eV All Emg Mkts Fixed Inc Net Median			3.6	-0.7	9.2	6.5	4.9	4.6	3.3	Jan-13
eV All Emg Mkts Fixed Inc Net Rank			51	19	84	15	19		58	Jan-13
Low Beta	388,438,101	8.3	1.0	2.0	3.9	3.8	3.1	-	2.6	Jul-15
Low Beta Benchmark			0.0	0.1	0.2	1.7	0.9		1.0	Jul-15
Immunized Cash Flows	182,193,402	3.9	0.0	-0.3	0.0			-	3.0	Oct-18
Immunized Cash Flow Benchmark			0.0	-0.3	0.0				3.0	Oct-18
Market Neutral Strategies	143,761,161	3.1	4.4	10.1	18.4	8.3	6.1		4.4	Nov-12
Market Neutral Strategies			0.0	0.1	0.2	1.2	0.5		1.1	Nov-12
Relative Value	143,761,161	3.1	4.4	10.1	19.4	8.7	7.1		5.9	Jul-15
HFRI Relative Value (Total) Index			2.7	6.6	15.5	5.0	5.4	-	4.4	Jul-15
Cash	62,483,537	1.3	0.0	0.0	0.1	1.3	1.2	0.7	8.0	Jul-02
ICE BofA 91 Days T-Bills TR			0.0	0.0	0.1	1.3	1.2	0.6	1.3	Jul-02

Total Fund | As of June 30, 2021

¹ Please see the Appendix for composition of the Low Beta Benchmark, Immunized Cash Flows Benchmark, and Market Neutral Strategies Benchmark.



	Market Value (\$)	% of Portfolio	QTD (%)	YTD (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Inception (%)	Inception Date
Other	1,049,001,540	22.4	1.8	-0.3	0.8	0.6	2.1		1.8	Jul-15
Other Benchmark			2.6	0.1	0.8	0.4	1.4		1.6	Jul-15
Core Real Estate	206,970,910	4.4	0.0	3.2	4.3	5.1	5.9		7.0	Jul-15
Core Real Estate Benchmark			0.0	1.9	3.3	3.3	4.9		5.8	Jul-15
TIPS	88,627,691	1.9	1.7	2.8	6.0				4.6	Oct-18
BBgBarc US Treasury TIPS 0-5 Yr TR			1.7	2.8	5.9				4.5	Oct-18
Investment Grade Bonds	524,734,472	11.2	1.3	-0.5	1.3				2.2	May-20
Custom IG Bonds Benchmark			0.9	-1.2	-0.3				0.4	May-20
Long-Term Government Bonds	134,974,735	2.9	6.5	-7.9	-10.3				-9.3	May-20
Long-Term Government Bonds Benchmark			6.5	-7.9	-10.3				-9.3	May-20
Commodities	93,693,732	2.0								
Overlay	27,858,976	0.6								

Total Fund | As of June 30, 2021

Core Real Estate values are one-quarter lagged.

¹ Cash Composite includes the cash account and residuals from terminated manager assets. ² Please see the Appendix for composition of the Other Benchmark.



Total Fund	As of June	30, 2021
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	Trailing N	let Perforr	mance							
	Market Value (\$)	% of Portfolio	QTD (%)	YTD (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Inception (%)	Inception Date
Total Fund	4,676,585,746	100.0	6.1	8.9	26.3	10.7	9.7	6.9	8.6	Mar-71
Policy Benchmark			6.3	8.8	25.2	10.4	9.7	7.1		Mar-71
Investable Benchmark Portolio			6.1	8.3	25.7	10.4	9.6	6.8		Mar-71
Low-Cost Passive Portfolio			5.5	8.5	25.8					Mar-71
60/40 MSCI ACWI IMI/BBgBarc Global Aggregate			4.8	6.1	24.5	10.5	9.8	6.9		Mar-71
Liability Benchmark Portfolio			6.5	-7.9	-10.6					Mar-71
InvMetrics Public DB > \$1B Net Median			5.3	9.1	27.0	10.6	10.5	8.2		Mar-71
InvMetrics Public DB > \$1B Net Rank			19	56	58	49	82	95		Mar-71
Growth	3,211,287,129	68.7	8.0	12.8	38.4	14.5	13.3		10.9	Jul-15
Growth Benchmark			8.2	13.0	39.3	14.5	13.8		11.4	Jul-15
Public Equity	2,184,636,166	46.7	7.0	12.3	44.4	15.1	15.0	10.1	8.0	Apr-08
Public Equity Benchmark			7.2	12.4	42.1	14.4	14.7	10.1	8.0	Apr-08
Global Equity	708,862,436	15.2	6.9	11.7	43.8	17.3	17.6		13.9	Mar-13
MSCI ACWI IMI			7.2	12.7	40.9	14.2	14.5		11.0	Mar-13
eV All Global Equity Net Median			7.2	12.7	39.9	14.3	14.4	9.9	10.9	Mar-13
eV All Global Equity Net Rank			55	62	34	31	26		21	Mar-13
Artisan Global Value	381,292,679	8.2	5.3	15.7	52.4	12.8	13.8		11.5	Mar-13
MSCI ACWI Value NR USD			4.8	14.1	38.4	8.4	9.8		7.6	Mar-13
eV All Global Equity Net Median			7.2	12.7	39.9	14.3	14.4	9.9	10.9	Mar-13
eV All Global Equity Net Rank			77	23	15	60	54		44	Mar-13

¹ Please see the Appendix for composition of the Policy Benchmark, Low-Cost Passive Portfolio, Liability Benchmark Portfolio, Growth Benchmark, and Public Equity Benchmark.

	Market Value	% of	QTD	YTD	1 Yr	3 Yrs	5 Yrs	10 Yrs	Inception	Incention
	(\$)	Portfolio	(%)	(%)	(%)	(%)	(%)	(%)	(%)	Date
Artisan Global Opportunities	327,569,757	7.0	8.9	7.0	34.9	21.5	20.8		15.6	May-13
MSCI ACWI Growth NR USD			10.0	10.3	39.7	20.4	19.2		14.0	Мау-13
eV All Global Equity Net Median			7.2	12.7	39.9	14.3	14.4	9.9	10.5	Мау-13
eV All Global Equity Net Rank			27	94	74	13	12		11	May-13
U.S. Equity	778,300,929	16.6	7.9	15.6	45.0	18.9	17.9	14.8	10.7	Jun-95
MSCI USA IMI NR USD			8.4	15.1	43.8	18.2	17.3	14.1	10.3	Jun-95
eV All US Equity Net Median			6.6	15.9	45.6	15.6	15.9	12.9	11.3	Jun-95
eV All US Equity Net Rank			34	53	53	31	34	25	67	Jun-95
Northern Trust Russell 3000	740,353,488	15.8	8.1	15.2	44.2				57.1	Apr-20
Russell 3000			8.2	15.1	44.2				57.1	Apr-20
Cove Street Small Cap Value	37,947,440	0.8	2.9	23.2	62.9	10.5			8.8	Dec-17
Russell 2000 Value			4.6	26.7	7 <i>3.3</i>	10.3			9.9	Dec-17
eV US Small Cap Value Equity Net Median			3.9	23.9	65.5	10.2	12.9	10.7	9.4	Dec-17
eV US Small Cap Value Equity Net Rank			74	55	61	46			58	Dec-17
International Equity	344,371,363	7.4	6.2	9.3	40.2	11.0	12.3	7.5	8.2	Jun-95
MSCI World ex USA IMI NR USD			5.5	9.9	34.8	8.6	10.6	6.0		Jun-95
eV ACWI ex-US All Cap Equity Net Median			5.6	8.1	39.0	12.3	12.8	8.1	7.3	Jun-95
eV ACWI ex-US All Cap Equity Net Rank			43	44	47	61	58	59	27	Jun-95
Northern Trust MSCI World ex US	259,627,819	5.6	5.6	9.9	33.9	8.9	10.7		5.7	Apr-14
MSCI World ex USA			5.6	9.9	33.6	8.6	10.4		5.4	Apr-14

	Market Value (\$)	% of Portfolio	QTD (%)	YTD (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Inception (%)	Inception Date
Oberweis Intl Opportunities	84,743,544	1.8	7.5	7.0	56.6	18.5	18.3		12.9	Mar-14
MSCI World ex USA Small Cap Growth NR USD			5.2	7.4	39.4	11.2	13.6		9.1	Mar-14
eV ACWI ex-US All Cap Equity Net Median			5.6	8.1	39.0	12.3	12.8	8.1	7.8	Mar-14
eV ACWI ex-US All Cap Equity Net Rank			30	60	2	10	7		7	Mar-14
Emerging Markets Equity	353,101,438	7.6	6.4	10.3	47.4	11.3	11.9	3.2	9.9	Sep-01
MSCI Emerging Market IMI Net			5.7	8.7	43.2	11.4	12.9	4.3	10.7	Sep-01
eV Emg Mkts Equity Net Median			5.2	8.8	43.8	11.2	13.1	5.0	10.9	Sep-01
eV Emg Mkts Equity Net Rank			38	39	32	50	66	88	91	Sep-01
Northern Trust MSCI EM IMI	50,504,188	1.1	5.9	8.6	43.7				13.2	Oct-18
MSCI Emerging Market IMI Net			5.7	8.7	43.2			-	13.1	Oct-18
Dimensional Fund Adv EM Value	75,635,986	1.6	6.9	15.8	46.7	7.2	10.7		6.6	Jul-15
MSCI Emerging Markets Value NR USD			5.7	10.0	41.6	7.8	9.7		5.3	Jul-15
eV Emg Mkts Equity Net Median			5.2	8.8	43.8	11.2	13.1	5.0	9.1	Jul-15
eV Emg Mkts Equity Net Rank			29	14	34	91	81		82	Jul-15
GQG Global Emerging Markets	100,240,932	2.1	5.2	4.0	41.1	15.7			14.2	Jul-17
MSCI Emerging Markets			5.0	7.4	40.9	11.3			10.5	Jul-17
eV Emg Mkts Equity Net Median			5.2	8.8	43.8	11.2	13.1	5.0	10.7	Jul-17
eV Emg Mkts Equity Net Rank			49	89	64	19			18	Jul-17
RWC Emerging Markets Equity	51,006,261	1.1	4.6	7.4	58.8				31.4	Sep-19
MSCI Emerging Markets			5.0	7.4	40.9				22.4	Sep-19
eV Emg Mkts Equity Net Median			5.2	8.8	43.8	11.2	13.1	5.0	23.3	Sep-19
eV Emg Mkts Equity Net Rank			58	61	10				16	Sep-19

5 Yrs 10 Yrs Inception Inception Market Value % of QTD YTD 1Yr 3 Yrs (%) (%) (%) (%) (%) (%) (\$) Portfolio (%) Date Wellington Emerging Markets Systematic 75.714.071 9.0 16.9 51.8 24.6 Sep-19 1.6 ---___ ---MSCI Emerging Markets 5.0 7.4 40.9 ---22.4 Sep-19 ------8.8 eV Emg Mkts Equity Net Median 5.2 43.8 11.2 13.1 5.0 23.3 Sep-19 eV Emg Mkts Equity Net Rank 11 40 Sep-19 20 20 ---------Jul-15 **Private Markets** 843.600.927 18.0 11.8 17.1 32.4 11.9 10.9 9.4 ---Jul-15 Private Markets Benchmark 11.8 17.1 32.4 11.6 11.1 --10.0 MSCI ACWI IMI + 100bps 7.4 13.2 42.3 15.4 15.7 ---12.4 Jul-15 Private Markets ex Russell 3000 Jul-15 706,573,011 15.1 12.5 17.4 30.6 ------___ ---**Private Equity** 482,920,166 10.3 18.3 21.8 43.2 21.2 18.2 13.8 11.8 Oct-05 San Jose Custom Private Equity Benchmark 10.8 24.4 52.1 18.1 18.0 14.3 13.1 Oct-05 Private Equity ex Russell 3000 18.3 21.8 43.2 21.0 17.4 Oct-05 345.892.250 7.4 12.7 10.4 PE Strategic Partnership, LP 210.973.441 4.5 30.1 30.1 46.6 23.1 15.5 Aua-17 ___ ---Cambridge Glob Priv Eq Qtr Lag 7.7 22.6 50.0 19.1 ------19.4 Aug-17 Pantheon USA Fund VI, LP 1,183,064 0.0 -1.7 11.8 12.1 -4.5 0.7 3.7 3.7 Oct-05 Cambridge Glob Priv Eq Qtr Lag 7.7 22.6 50.0 19.1 18.1 14.0 14.1 Oct-05 -0.3 Portfolio Advisors Private Eq 2,918,636 0.1 6.1 7.3 3.6 4.3 5.3 6.0 Nov-05 Cambridge Glob Priv Eq Qtr Lag 7.7 22.6 50.0 19.1 18.1 14.0 14.2 Nov-05 HarbourVest Partners VII 190,878 0.0 -17.6 -17.6 -1.1 -6.4 -2.1 4.9 6.3 Dec-05 Cambridge Glob Priv Eq Qtr Lag 7.7 22.6 50.0 19.1 18.1 14.0 14.3 Dec-05 Siguler Guff Distressed 5,359,484 0.1 -1.9 5.7 30.4 12.5 12.5 9.2 10.1 Nov-08 Cambridge Glob Priv Eq Qtr Lag 7.7 22.6 19.1 18.1 14.0 11.7 50.0 Nov-08

Total Fund | As of June 30, 2021

Custom Private Equity Benchmark data is preliminary and expected to be subsequently adjusted.

MEKETA

City of San Jose Police and Fire Department Retirement Plan

	Market Value (\$)	% of Portfolio	QTD (%)	YTD (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Inception (%)	Inception Date
TCW/Crescent Mezzanine	66,446	0.0	-0.3	118.2	156.2	44.4	28.6	19.0	16.9	Dec-08
Cambridge Glob Priv Eq Qtr Lag			7.7	22.6	50.0	19.1	18.1	14.0	12.7	Dec-08
TPG Opportunities Partners II	871,557	0.0	4.0	5.7	11.8	4.7	4.7		10.8	Oct-12
Cambridge Glob Priv Eq Qtr Lag			7.7	22.6	50.0	19.1	18.1		15.3	Oct-12
Crescent Mezzanine Partners VI	3,161,519	0.1	3.6	8.9	14.5	10.9	9.9		7.9	Feb-13
Cambridge Glob Priv Eq Qtr Lag			7.7	22.6	50.0	19.1	18.1	-	15.3	Feb-13
Warburg Pincus (Europa) XI	11,297,931	0.2	3.1	18.8	40.7	11.5	13.6		12.1	May-13
Cambridge Glob Priv Eq Qtr Lag			7.7	22.6	50.0	19.1	18.1	-	15.4	May-13
57 Stars Global Opportunity	33,785,022	0.7	19.8	19.8	32.0	8.9	9.8		4.0	Jan-14
Cambridge Glob Priv Eq Qtr Lag			7.7	22.6	50.0	19.1	18.1		15.2	Jan-14
TPG Opportunities Partners III	6,101,665	0.1	12.0	14.9	22.2	9.4	11.8		5.4	Mar-14
Cambridge Glob Priv Eq Qtr Lag			7.7	22.6	50.0	19.1	18.1	-	15.4	Mar-14
CCMP Capital Investors III, LP	18,333,657	0.4	14.0	60.8	90.6	25.6	19.5		15.3	Aug-14
Cambridge Glob Priv Eq Qtr Lag			7.7	22.6	50.0	19.1	18.1	-	15.0	Aug-14
Francisco Partners	31,320,585	0.7	7.1	8.8	106.2	54.5	40.0		31.4	May-15
Cambridge Glob Priv Eq Qtr Lag			7.7	22.6	50.0	19.1	18.1		15.7	May-15
Innovation Endeavors III	5,812,330	0.1	52.1	52.1	55.1	17.2			16.7	Jun-18
Cambridge Glob Priv Eq Qtr Lag			7.7	22.6	50.0	19.1		-	19.5	Jun-18
Crestline Portfolio Financing	14,516,034	0.3	4.1	6.3	12.7	11.2			10.9	Jun-18
Cambridge Glob Priv Eq Qtr Lag			7.7	22.6	50.0	19.1			19.5	Jun-18



	Market Value (\$)	% of Portfolio	QTD (%)	YTD (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Inception (%)	Inception Date
Northern Trust Russell 3000	137,027,916	2.9	8.2	15.1	44.1	18.7	17.9		14.2	Apr-14
Russell 3000	137,027,910	L . y	8.2	15.1	44.2	18.7	17.9		14.2	Apr-14
Private Debt	138,777,220	3.0	10.3	17.3	25.9	6.6	6.1		5.7	Oct-15
S&P Global Leveraged Loan + 2%			2.0	4.3	13.9	6.0	6.9		6.6	Oct-15
White Oak Direct Lending	20,707,581	0.4	14.7	22.6	92.6	18.8	4.8	5.0	4.6	Nov-10
S&P Global Leveraged Loan Index +2%			1.9	4.2	13.7	6.1	7.0	6.2	6.4	Nov-10
Blackstone/GSO Cap Partners	3,971,155	0.1	-14.3	-14.3	-12.0	-22.6	-11.3	-1.7	-0.8	Dec-10
S&P Global Leveraged Loan Index +2%			1.9	4.2	13.7	6.1	7.0	6.2	6.3	Dec-10
Medley Opportunity Fund II LP	10,155,250	0.2	12.6	12.6	-2.4	-11.3	-6.6	-0.5	-0.5	Mar-11
S&P Global Leveraged Loan Index +2%			1.9	4.2	13.7	6.1	7.0	6.2	6.0	Mar-11
Cross Ocean USD ESS Fund I, LP	7,067,024	0.2	0.7	44.4	48.7	14.1	13.2		10.6	Apr-14
S&P Global Leveraged Loan Index +2%			1.9	4.2	13.7	6.1	7.0	-	5.4	Apr-14
Park Square Credit Opp II, LP	2,279,253	0.0	153.2	248.6	277.5	55.5	34.7		25.9	Nov-14
S&P Global Leveraged Loan Index +2%			1.9	4.2	13.7	6.1	7.0		5.8	Nov-14
Shoreline China Value III, LP	8,466,454	0.2	3.5	7.7	7.0	0.0	3.5		5.3	Jul-15
S&P Global Leveraged Loan Index +2%			1.9	4.2	13.7	6.1	7.0		6.3	Jul-15
Cross Ocean USD ESS Fund II LP	23,729,871	0.5	4.8	5.4	11.3	4.8	8.7		8.4	May-16
S&P Global Leveraged Loan Index +2%			1.9	4.2	13.7	6.1	7.0		6.8	May-16
Octagon CLO Opp Fund III	362,163	0.0	15.2	26.5	38.7				8.5	Feb-19
S&P Global Leveraged Loan Index +2%	,		1.9	4.2	13.7				6.9	Feb-19
									l	

larket Value	% of	QTD	YTD	1 Yr	3 Yrs	5 Yrs	10 Yrs	Inception	Inception
(\$)	Portfolio	(%)	(%)	(%)	(%)	(%)	(%)	(%)	Date
31,355,539	0.7	9.5	17.9	32.9				14.5	Jun-19
		1.9	4.2	13.7				6.7	Jun-19
13,946,888	0.3	12.8	12.8	-8.5				29.9	Apr-20
		2.0	4.3	13.9				16.8	Apr-20
8,634,845	0.2	10.2	12.7	22.0				22.0	Jun-20
		2.0	4.3	13.9				13.9	Jun-20
4,336,187	0.1	5.5	22.3					22.3	Dec-20
		2.0	4.3					4.3	Dec-20
2,990,010	0.1	3.4	0.4					0.4	Dec-20
		2.0	4.3					4.3	Dec-20
775,000	0.0								
151,531,718	3.2	3.7	9.0	13.4	7.3	8.9		8.2	Jul-15
		4.2	6.3	8.0	5.2	6.1		6.9	Jul-15
951,571	0.0	3.3	3.6	0.7	8.2	9.8		10.3	Mar-13
		3.6	5.4	7.4	5.5	6.1		8.5	Mar-13
16,688	0.0	-0.2	1.0	0.5	2.1	5.2		7.5	Sep-13
		3.6	5.4	7.4	5.5	6.1		8.3	Sep-13
4,916,769	0.1	-1.4	0.8	0.6	4.1	13.7		15.3	Sep-13
		3.6	5.4	7.4	5.5	6.1		8.3	Sep-13
	31,355,539 13,946,888 8,634,845 4,336,187 2,990,010 7775,000 151,531,718 951,571 16,688	31,355,539 0.7 13,946,888 0.3 8,634,845 0.2 4,336,187 0.1 2,990,010 0.1 775,000 0.0 151,531,718 3.2 951,571 0.0 16,688 0.0	31,355,539 0.7 9.5 1.9 $13,946,888$ 0.3 12.8 2.0 $8,634,845$ 0.2 10.2 2.0 $4,336,187$ 0.1 5.5 2.0 $2,990,010$ 0.1 3.4 2.0 $775,000$ 0.0 4.2 $951,571$ 0.0 3.3 3.6 $16,688$ 0.0 -0.2 3.6 $4,916,769$ 0.1 -1.4	31,355,539 0.7 9.5 17.9 $13,946,888$ 0.3 12.8 12.8 $13,946,888$ 0.3 12.8 2.0 $8,634,845$ 0.2 10.2 12.7 2.0 4.3 2.0 4.3 $4,336,187$ 0.1 5.5 22.3 $2,990,010$ 0.1 3.4 0.4 $2.990,010$ 0.1 3.4 0.4 2.0 4.3 2.0 4.3 $775,000$ 0.0 3.4 0.4 $2.991,571$ 0.0 3.3 3.6 $3.951,571$ 0.0 3.3 3.6 3.6 5.4 3.6 5.4 $16,688$ 0.0 -0.2 1.0 3.6 5.4 5.4 $4,916,769$ 0.1 -1.4 0.8	31,355,539 0.7 9.5 17.9 32.9 $13,946,888$ 0.3 12.8 12.8 -8.5 20 4.3 13.9 $8,634,845$ 0.2 10.2 12.7 22.0 20 4.3 13.9 $4,336,187$ 0.1 5.5 22.3 $$ $2,990,010$ 0.1 3.4 0.4 $$ $2,990,010$ 0.1 3.4 0.4 $$ $2,990,010$ 0.1 3.4 0.4 $$ $775,000$ 0.0 $$ $$ $775,000$ 0.0 $$ $$ $951,571$ 0.0 3.3 3.6 0.7 3.6 5.4 7.4 $$ $16,688$ 0.0 -0.2 1.0 0.5 3.6 5.4 7.4 $$ $$ $4,916,769$ 0.1 -1.4 0.8 0.6	31,355,539 0.7 9.5 17.9 32.9 $$ $13,946,888$ 0.3 12.8 12.8 -8.5 $$ 2.0 4.3 13.9 $$ $8,634,845$ 0.2 10.2 12.7 22.0 $$ $4,336,187$ 0.1 5.5 22.3 $$ $$ $2,990,010$ 0.1 3.4 0.4 $$ $$ $2,990,010$ 0.1 3.4 0.4 $$ $$ $775,000$ 0.0 $$ $$ $$ $775,000$ 0.0 $$ $$ $$ $951,571$ 0.0 3.3 3.6 0.7 8.2 $951,571$ 0.0 3.3 3.6 -7.4 5.5 $16,688$ 0.0 -0.2 1.0 0.5 2.1 3.6 5.4 7.4 5.5 -1.4 -1.4 -1.4 $4,916,769$ 0.1 -1.4 0.8 0.6 4.1	31,355,539 0.7 9.5 17.9 32.9 $$ $$ $13,946,888$ 0.3 12.8 12.8 -8.5 $$ $$ 20 4.3 13.9 $$ $$ $$ $8,634,845$ 0.2 10.2 12.7 22.0 $$ 2.0 4.3 13.9 $$ $$ $4,336,187$ 0.1 5.5 22.3 $$ $$ $2.990,010$ 0.1 3.4 0.4 $$ $$ $2.990,010$ 0.1 3.4 0.4 $$ $$ $775,000$ 0.0 $$ $$ $$ $775,000$ 0.0 $$ $$ $$ $951,571$ 0.0 3.3 3.6 0.7 8.2 $951,571$ 0.0 3.3 3.6 0.7 8.2 9.8 3.6 5.4 7.4 5.5 6.1 $16,688$ 0.0 -0.2 1.0 0.5 2.1 5.2 3.6 5.4 7.4 5.5 6.1 $4,916,769$ 0.1 -1.4 0.8 0.6 4.1 13.7	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$



	Market Value (\$)	% of Portfolio	QTD (%)	YTD (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Inception (%)	Inception Date
Tristan - EPISO III	2,759,104	0.1	0.5	6.0	16.3	-7.6	4.8		2.8	Dec-13
NCREIF Property Index			3.6	5.4	7.4	5.5	6.1		8.3	Dec-13
Orion Euro Real Estate IV LP	3,826,942	0.1	0.8	-3.6	-4.9	-18.6	-8.9		-8.9	Apr-14
NCREIF Property Index			3.6	5.4	7.4	5.5	6.1		7.9	Apr-14
Och Ziff Real Estate Fund III	4,794,431	0.1	5.1	9.9	18.8	17.1	21.8		14.2	Oct-14
NCREIF Property Index			3.6	5.4	7.4	5.5	6.1		7.6	Oct-14
Tristan - EPISO IV	19,045,228	0.4	5.9	9.9	21.2	10.8	8.7		8.3	Dec-15
NCREIF Property Index			3.6	5.4	7.4	5.5	6.1		6.4	Dec-15
KSL Capital Partners IV, LP	20,436,712	0.4	0.8	21.8	36.6	8.7	2.9		-0.7	Apr-16
NCREIF Property Index			3.6	5.4	7.4	5.5	6.1		6.2	Apr-16
Brookfield SREP II	17,600,744	0.4	3.3	7.2	9.3	10.5	10.4		10.4	Jun-16
NCREIF Property Index			3.6	5.4	7.4	5.5	6.1		6.1	Jun-16
DRA Growth & Income Fund IX	18,264,809	0.4	8.3	11.9	15.4	13.0			12.9	Feb-17
NCREIF Property Index			3.6	5.4	7.4	5.5			6.1	Feb-17
GEM Realty Fund VI	7,796,648	0.2	6.7	22.6	18.4	11.9			3.9	Nov-17
NCREIF Property Index			3.6	5.4	7.4	5.5			6.0	Nov-17
Torchlight Debt Opportunity VI	29,510,136	0.6	2.2	4.9	6.1	2.5			2.3	Apr-18
NCREIF Property Index			3.6	5.4	7.4	5.5			5.6	Apr-18
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	Market Value (\$)	% of Portfolio	QTD (%)	YTD (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Inception (%)	Inception Date
Tristan - EPISO V	9,859,671	0.2	2.1	-5.1	-6.9				-45.3	May-19
NCREIF Property Index			3.6	5.4	7.4				5.6	May-19
DRA Growth and Income Fund X, LLC	4,504,238	0.1	2.8	4.9	12.4				14.9	Mar-20
NCREIF Property Index			3.6	5.4	7.4				5.0	Mar-20
Rockpoint Real Estate Fund VI, L.P.	1,826,556	0.0	3.9	10.7	3.9				3.6	May-20
NCREIF Property Index			3.6	5.4	7.4				5.8	May-20
Exeter Industrial Value Fund V	3,610,924	0.1	14.3	12.0					12.0	Oct-20
NCREIF Property Index			3.6	5.4					6.6	Oct-20
Torchlight Debt Fund VII	1,810,547	0.0	0.6						0.6	Feb-21
NCREIF Property Index			3.6						5.4	Feb-21
Private Real Assets	61,167,120	1.3	7.1	11.6	19.2	6.6	5.8		5.7	Jun-16
Brookfield Infrastructure III	16,093,028	0.3	0.1	6.1	11.8	8.8	9.8		9.6	Jun-16
DJ Brookfield Global Infrastructure Net TR USD			6.9	12.6	18.8	8.0	6.8		7.8	Jun-16
Global Infra Part III-A/B, LP	17,894,682	0.4	4.0	14.8	26.1	9.4			3.2	Sep-16
DJ Brookfield Global Infrastructure Net TR USD			6.9	12.6	18.8	8.0			6.7	Sep-16
Lime Rock Partners VIII	4,744,236	0.1	22.6	19.0	30.5				-1.1	Dec-18
DJ Brookfield Global Infrastructure Net TR USD			6.9	12.6	18.8				10.1	Dec-18
Kimmeridge Energy Fund V, L.P.	8,257,972	0.2	46.4	46.4	63.1				1.1	Aug-19
Bloomberg Commodity Index TR USD			13.3	21.2	45.6				10.5	Aug-19
NCREIF Property Index Torchlight Debt Fund VII NCREIF Property Index Private Real Assets Brookfield Infrastructure III DJ Brookfield Global Infrastructure Net TR USD Global Infra Part III-A/B, LP DJ Brookfield Global Infrastructure Net TR USD Lime Rock Partners VIII DJ Brookfield Global Infrastructure Net TR USD Kimmeridge Energy Fund V, L.P.	1,810,547 61,167,120 16,093,028 17,894,682 4,744,236	0.0 1.3 0.3 0.4 0.1	3.6 0.6 3.6 7.1 0.1 6.9 4.0 6.9 22.6 6.9 46.4	5.4 11.6 6.1 12.6 14.8 12.6 19.0 12.6 46.4	 19.2 11.8 18.8 26.1 18.8 30.5 18.8 63.1	8.8 8.0 9.4 8.0 	 5.8 9.8 6.8 	-	6.6 0.6 5.4 5.7 9.6 7.8 3.2 6.7 -1.1 10.1 1.1	Oct-, Feb- Feb- Jun- Jun- Sep- Sep- Dec- Dec- Dec- Dec-

	Market Value (\$)	% of Portfolio	QTD (%)	YTD (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Inception (%)	Inception Date
Global Infra Partners IV	654,724	0.0	-4.0	-9.8	-82.7				-87.7	Aug-19
DJ Brookfield Global Infrastructure Net TR USD			6.9	12.6	18.8				5.4	Aug-19
Orion Mine Finance Fund III, L.P.	4,688,783	0.1	-2.4	4.8					11.2	Sep-20
Bloomberg Commodity Index TR USD			13.3	21.2					29.0	Sep-20
Lime Rock New Energy, L.P	3,662,344	0.1	0.4	-3.2					-3.2	Aug-20
Bloomberg Commodity Index TR USD			13.3	21.2				-	37.7	Aug-20
Real Assets Coinvest I	1,799,998	0.0	0.0	0.0						Sep-20
DJ Brookfield Global Infrastructure Net TR USD			6.9	12.6						Sep-20
Crestline Co-Investment II	3,371,354	0.1	7.0						7.0	Feb-21
DJ Brookfield Global Infrastructure Net TR USD			6.9					-	13.8	Feb-21
Venture Capital	9,204,703	0.2	5.6	4.3					10.0	Sep-20
Top Tier Capital Partners IX	3,883,730	0.1	16.4	16.4					33.1	Sep-20
Northgate Venture Partners IX LP	4,060,101	0.1	-1.4	-3.3						Sep-20
Canvas III	840,872	0.0	-4.8	-7.3					-7.3	Nov-20
Innovation Endeavors IV	420,000	0.0								
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	Market Value (\$)	% of Portfolio	QTD (%)	YTD (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Inception (%)	Inception Date
High Yield Bonds	89,302,093	1.9	2.8	3.3	15.1				13.9	Jun-20
BBgBarc US Corporate High Yield TR			2.7	3.6	15.4				15.1	Jun-20
Mellon High Yield Beta	9,715,736	0.2	2.9	3.8	16.0				16.0	Jun-20
BBgBarc US Corporate High Yield TR			2.7	3.6	15.4				15.4	Jun-20
eV US High Yield Fixed Inc Net Median			2.6	3.5	14.4	6.8	6.9	6.2	14.4	Jun-20
eV US High Yield Fixed Inc Net Rank			22	40	32				32	Jun-20
Columbia High Yield Fixed Income	79,586,357	1.7	2.8	3.3					3.3	Dec-20
BBgBarc US Corporate High Yield TR			2.7	3.6					3.6	Dec-20
eV US High Yield Fixed Inc Net Median			2.6	3.5	14.4	6.8	6.9	6.2	3.5	Dec-20
eV US High Yield Fixed Inc Net Rank			38	61					61	Dec-20
Emerging Market Debt	93,747,944	2.0	3.5	1.0	6.8	8.1	6.2		2.7	Jan-13
50% JPM EMBI GD / 50% JPM GBI-EM			3.8	-2.0	7.1	5.5	4.1		2.1	Jan-13
eV All Emg Mkts Fixed Inc Net Median			3.6	-0.7	9.2	6.5	4.9	4.6	3.3	Jan-13
eV All Emg Mkts Fixed Inc Net Rank			51	19	84	15	19		58	Jan-13
Wellington Iguazu Partners LP Fund	81,389,124	1.7	2.5	2.1	5.4	9.2	8.6		8.2	Feb-14
50% JPM EMBI GD + 50% JPM GBI EM GD			3.8	-2.0	7.1	5.5	4.1		3.8	Feb-14
eV All Emg Mkts Fixed Inc Net Median			3.6	-0.7	9.2	6.5	4.9	4.6	4.9	Feb-14
eV All Emg Mkts Fixed Inc Net Rank			78	10	96	7	1		1	Feb-14

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	Market Value	% of	QTD	YTD	1 Yr	3 Yrs	5 Yrs	10 Yrs	Inception	
	(\$)	Portfolio	(%)	(%)	(%)	(%)	(%)	(%)	(%)	Date
Payden EMD Blended Currency	12,358,820	0.3	4.3	-1.8				-	-1.8	Dec-20
50% JPM EMBI GD / 50% JPM GBI-EM			3.8	-2.0					-2.0	Dec-20
eV Emg Mkts Fixed Inc - Blended Currency Net Median			3.9	-1.1	9.5	5.9	4.7	3.7	-1.1	Dec-20
eV Emg Mkts Fixed Inc - Blended Currency Net Rank			28	83				-	83	Dec-20
Low Beta	388,438,101	8.3	1.0	2.0	3.9	3.8	3.1		2.6	Jul-15
Low Beta Benchmark			0.0	0.1	0.2	1.7	0.9		1.0	Jul-15
Immunized Cash Flows	182,193,402	3.9	0.0	-0.3	0.0				3.0	Oct-18
Immunized Cash Flow Benchmark			0.0	-0.3	0.0				3.0	Oct-18
Insight Immunized Cash Flow	182,193,402	3.9	0.0	-0.3	0.0					Jun-19
Market Neutral Strategies	143,761,161	3.1	4.4	10.1	18.4	8.3	6.1		4.4	Nov-12
Market Neutral Strategies			0.0	0.1	0.2	1.2	0.5		1.1	Nov-12
Relative Value	143,761,161	3.1	4.4	10.1	19.4	8.7	7.1		5.9	Jul-15
HFRI Relative Value (Total) Index			2.7	6.6	15.5	5.0	5.4		4.4	Jul-15
Pine River Fund, Ltd	395,769	0.0	2.3	4.2	9.8	12.3	7.6		5.4	Jan-13
HFRI Relative Value (Total) Index			2.7	6.6	15.5	5.0	5.4		4.7	Jan-13
DE Shaw Composite Fund, LLC	62,238,981	1.3	5.1	11.4	22.3	15.3	12.8		12.8	Apr-13
HFRI Fund Weighted Composite Index			4.1	10.1	27.5	8.7	7.9		5.8	Apr-13
Hudson Bay	13,126,411	0.3	1.4	5.0	13.1	12.3			10.4	Aug-17
HFRI Relative Value (Total) Index			2.7	6.6	15.5	5.0		-	4.7	Aug-17
Crabel Advanced Trend	68,000,000	1.5								

Total Fund | As of June 30, 2021

Core Real Estate values are one-quarter lagged.



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	Market Value	% of	QTD	YTD	1 Yr	3 Yrs	5 Yrs	10 Yrs	Inception	Inception
	(\$)	Portfolio	(%)	(%)	(%)	(%)	(%)	(%)	(%)	Date
Cash	62,483,537	1.3	0.0	0.0	0.1	1.3	1.2	0.7	8.0	Jul-02
ICE BofA 91 Days T-Bills TR			0.0	0.0	0.1	1.3	1.2	0.6	1.3	Jul-02
Other	1,049,001,540	22.4	1.8	-0.3	0.8	0.6	2.1		1.8	Jul-15
Other Benchmark			2.6	0.1	0.8	0.4	1.4		1.6	Jul-15
Core Real Estate	206,970,910	4.4	0.0	3.2	4.3	5.1	5.9		7.0	Jul-15
Core Real Estate Benchmark			0.0	1.9	3.3	3.3	4.9		5.8	Jul-15
BlackRock Core Property Fund	125,166,308	2.7	0.0	2.8	4.2				4.3	Feb-19
Core Real Estate Benchmark 2			0.0	1.9	3.3				2.6	Feb-19
Clarion Lion Properties Fund	81,804,602	1.7	0.0	3.9	4.3				3.9	Mar-19
Core Real Estate Benchmark 2			0.0	1.9	3.3				2.7	Mar-19
TIPS	88,627,691	1.9	1.7	2.8	6.0				4.6	Oct-18
BBgBarc US Treasury TIPS 0-5 Yr TR			1.7	2.8	5.9				4.5	Oct-18
Northern Trust 0-5 Year TIPS	88,627,691	1.9	1.7	2.8	6.0				4.6	Oct-18
BBgBarc U.S. TIPS 0-5 Years			1.7	2.8	5.9			-	4.5	Oct-18
Investment Grade Bonds	524,734,472	11.2	1.3	-0.5	1.3				2.2	May-20
Custom IG Bonds Benchmark			0.9	-1.2	-0.3			-	0.4	May-20
Northern Trust Aggregate Bond Index	91,405,884	2.0	1.9	-1.6	-0.4				0.2	May-20
BBgBarc US Aggregate TR			1.8	-1.6	-0.3				0.3	May-20
Voya Securitized Credit	101,438,549	2.2	2.0	2.4	6.8				7.2	Apr-20
BBgBarc US Securitized MBS ABS CMBS TR			0.4	-0.7	-0.2			-	0.0	Apr-20



	Market Value (\$)	% of Portfolio	QTD (%)	YTD (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Inception (%)	Inception Date
BlackRock 1-3 Year Gov/Credit	150,168,569	3.2	0.1	0.0					0.2	Aug-20
BBgBarc US Govt/Credit 1-3 Yr. TR			0.0	0.0					0.3	Aug-20
Invesco Core Bonds	181,721,470	3.9	2.1						1.0	Feb-21
BBgBarc US Aggregate TR			1.8						0.6	Feb-21
Long-Term Government Bonds	134,974,735	2.9	6.5	-7.9	-10.3				-9.3	May-20
Long-Term Government Bonds Benchmark			6.5	-7.9	-10.3				-9.3	May-20
BlackRock Long-Term Gov Bonds	134,974,735	2.9	6.5	-7.9	-10.3				-9.3	May-20
BBgBarc US Govt Long TR			6.4	-7.8	-10.4				-9.5	May-20
Commodities	93,693,732	2.0								
BlackRock Commodity Index Fund	93,693,732	2.0								
Overlay	27,858,976	0.6								
Russell Overlay	27,647,191	0.6								

		h Flow Summar				
	Quarter	Ending June 30,	2021			
	Beginning Market Value	Contributions	Withdrawals	Net Cash Flow	Net Investment Change	Ending Market Value
57 Stars Global Opportunity	\$29,570,656	\$0	-\$1,537,407	-\$1,537,407	\$5,751,773	\$33,785,022
Arbour Lane Credit Opportunity Fund II, L.P.	\$11,382,768	\$1,083,892	\$0	\$1,083,892	\$1,480,228	\$13,946,888
Artisan Global Opportunities	\$300,726,547	\$0	\$0	\$0	\$26,843,210	\$327,569,757
Artisan Global Value	\$381,377,923	\$0	-\$20,000,000	-\$20,000,000	\$19,914,756	\$381,292,679
BlackRock 1-3 Year Gov/Credit	\$233,002,909	\$0	-\$83,000,000	-\$83,000,000	\$165,659	\$150,168,569
BlackRock Commodity Index Fund		\$92,000,000	\$0	\$92,000,000	\$1,693,732	\$93,693,732
BlackRock Core Property Fund	\$125,166,308	\$0	\$0	\$0	\$0	\$125,166,308
BlackRock Long-Term Gov Bonds	\$126,733,006	\$0	\$0	\$0	\$8,241,729	\$134,974,735
Blackstone Real Estate Debt	\$16,730	\$0	\$0	\$0	-\$42	\$16,688
Blackstone/GSO Cap Partners	\$4,635,576	\$0	\$0	\$0	-\$664,421	\$3,971,155
Brookfield Infrastructure III	\$16,161,660	\$0	-\$85,067	-\$85,067	\$16,435	\$16,093,028
Brookfield SREP I	\$4,986,253	\$0	\$0	\$0	-\$69,484	\$4,916,769
Brookfield SREP II	\$18,792,525	\$0	-\$1,750,377	-\$1,750,377	\$558,596	\$17,600,744
Canvas III	\$557,148	\$310,414	\$0	\$310,414	-\$26,690	\$840,872
Cash	\$49,937,537	\$406,007,853	-\$393,474,444	\$12,533,409	\$12,592	\$62,483,537
CCMP Capital Investors III, LP	\$18,063,138	\$0	-\$2,256,320	-\$2,256,320	\$2,526,839	\$18,333,657
Clarion Lion Properties Fund	\$82,382,416	\$0	-\$577,814	-\$577,814	\$0	\$81,804,602
Columbia High Yield Fixed Income	\$77,452,725	\$892	-\$892	\$0	\$2,133,632	\$79,586,357
Cove Street Small Cap Value	\$36,869,899	\$0	\$0	\$0	\$1,077,542	\$37,947,440
Crabel Advanced Trend		\$68,000,000	\$0	\$68,000,000	\$0	\$68,000,000
Crescent Mezzanine Partners VI	\$5,580,990	\$0	-\$2,620,141	-\$2,620,141	\$200,670	\$3,161,519
Crestline Co-Investment II	\$3,150,000	\$0	\$0	\$0	\$221,354	\$3,371,354
Crestline Portfolio Fin II	\$4,430,257	\$356,567	-\$1,884,909	-\$1,528,342	\$88,095	\$2,990,010

City of San Jose Police and Fire Department Retirement Plan

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	Beginning Market Value	Contributions	Withdrawals	Net Cash Flow	Net Investment Change	Ending Market Value
Crestline Portfolio Financing	\$17,252,791	\$0	-\$3,332,141	-\$3,332,141	\$595,385	\$14,516,034
Cross Ocean USD ESS Fund I, LP	\$7,386,755	\$0	-\$353,671	-\$353,671	\$33,941	\$7,067,024
Cross Ocean USD ESS Fund II LP	\$28,719,457	\$0	-\$6,173,423	-\$6,173,423	\$1,183,837	\$23,729,871
Cross Ocean USD ESS Fund III, LP	\$29,168,684	\$0	-\$572,029	-\$572,029	\$2,758,884	\$31,355,539
DE Shaw Composite Fund, LLC	\$59,195,501	\$0	\$0	\$0	\$3,043,480	\$62,238,981
Dimensional Fund Adv EM Value	\$89,816,750	\$0	-\$20,000,000	-\$20,000,000	\$5,819,236	\$75,635,986
DRA Growth & Income Fund IX	\$17,380,089	\$328,807	-\$912,969	-\$584,162	\$1,468,882	\$18,264,809
DRA Growth and Income Fund X, LLC	\$3,968,646	\$521,053	-\$97,649	\$423,404	\$112,188	\$4,504,238
Eagle Point Defensive Income Fund	\$7,923,100	\$0	-\$93,449	-\$93,449	\$805,194	\$8,634,845
Exeter Industrial Value Fund V	\$2,328,666	\$950,000	\$0	\$950,000	\$332,257	\$3,610,924
Francisco Partners	\$30,560,875	\$0	-\$1,386,492	-\$1,386,492	\$2,146,202	\$31,320,585
GEM Realty Fund VI	\$7,303,894	\$0	\$0	\$0	\$492,754	\$7,796,648
Global Infra Part III-A/B, LP	\$17,239,251	\$0	-\$40,054	-\$40,054	\$695,485	\$17,894,682
Global Infra Partners IV	\$425,225	\$251,410	\$0	\$251,410	-\$21,911	\$654,724
GQG Global Emerging Markets	\$121,019,899	\$0	-\$26,000,000	-\$26,000,000	\$5,221,033	\$100,240,932
HarbourVest Dover Street IX	\$20,680,408	\$0	-\$20,634,514	-\$20,634,514	-\$45,894	\$0
HarbourVest Partners VII	\$231,674	\$0	\$0	\$0	-\$40,796	\$190,878
HarbourVest Partners VIII	\$6,488,572	\$0	-\$6,491,635	-\$6,491,635	\$3,063	\$0
HPS Special Situations Opportunity	\$2,990,077	\$1,120,372	\$0	\$1,120,372	\$225,738	\$4,336,187
Hudson Bay	\$12,941,884	\$0	\$0	\$0	\$184,527	\$13,126,411
Industry Ventures Partnership	\$21,914,132	\$0	-\$22,158,754	-\$22,158,754	\$244,622	\$0
Innovation Endeavors III	\$3,343,070	\$630,000	\$0	\$630,000	\$1,839,260	\$5,812,330
Innovation Endeavors IV		\$420,000	\$0	\$420,000	\$0	\$420,000
Insight Immunized Cash Flow	\$190,679,208	\$0	-\$8,508,795	-\$8,508,795	\$22,989	\$182,193,402

City of San Jose Police and Fire Department Retirement Plan

				Iotai		une 50, 2021
	Beginning Market Value	Contributions	Withdrawals	Net Cash Flow	Net Investment Change	Ending Market Value
					Change	Market Value
Invesco Core Bonds	\$178,061,119	\$10,651	-\$10,651	\$0	\$3,660,350	\$181,721,470
Kimmeridge Energy Fund V, L.P.	\$5,640,996	\$0	\$0	\$0	\$2,616,976	\$8,257,972
KSL Capital Partners IV, LP	\$19,169,516	\$1,177,355	-\$74,697	\$1,102,658	\$164,538	\$20,436,712
Lime Rock New Energy, L.P	\$6,448,181	\$0	-\$2,811,251	-\$2,811,251	\$25,414	\$3,662,344
Lime Rock Partners VIII	\$3,840,895	\$33,594	\$0	\$33,594	\$869,747	\$4,744,236
Medley Opportunity Fund II LP	\$9,021,365	\$0	\$0	\$0	\$1,133,885	\$10,155,250
Mellon High Yield Beta	\$9,438,739	\$0	\$0	\$0	\$276,997	\$9,715,736
Northern Trust 0-5 Year TIPS	\$87,149,470	\$0	\$0	\$0	\$1,478,221	\$88,627,691
Northern Trust Aggregate Bond Index	\$104,512,428	\$0	-\$15,000,000	-\$15,000,000	\$1,893,456	\$91,405,884
Northern Trust MSCI EM IMI	\$62,483,072	\$15,000,000	-\$30,000,000	-\$15,000,000	\$3,021,116	\$50,504,188
Northern Trust MSCI World ex US	\$206,969,034	\$40,000,000	\$0	\$40,000,000	\$12,658,785	\$259,627,819
Northern Trust Russell 3000	\$616,799,323	\$71,000,000	\$0	\$71,000,000	\$52,554,165	\$740,353,488
Northern Trust Russell 3000	\$126,620,734	\$0	\$0	\$0	\$10,407,182	\$137,027,916
Northgate Venture Partners IX LP	\$2,917,710	\$1,200,000	\$0	\$1,200,000	-\$57,609	\$4,060,101
Oberweis Intl Opportunities	\$78,853,487	\$0	\$0	\$0	\$5,890,057	\$84,743,544
Och Ziff Real Estate Fund III	\$5,916,549	\$20,233	-\$1,387,459	-\$1,367,226	\$245,108	\$4,794,431
Octagon CLO Opp Fund III	\$26,507,608	\$0	-\$29,389,826	-\$29,389,826	\$3,244,381	\$362,163
Orion Euro Real Estate IV LP	\$3,796,605	\$0	\$0	\$0	\$30,337	\$3,826,942
Orion Mine Finance Fund III, L.P.	\$6,030,753	\$36,563	-\$1,236,278	-\$1,199,716	-\$142,254	\$4,688,783
Pantheon USA Fund VI, LP	\$1,203,568	\$0	\$0	\$0	-\$20,504	\$1,183,064
Park Square Credit Opp II, LP	\$1,022,346	\$0	-\$148,140	-\$148,140	\$1,405,047	\$2,279,253
Payden EMD Blended Currency	\$47,241,024	\$0	-\$37,000,000	-\$37,000,000	\$2,117,796	\$12,358,820
PE Strategic Partnership, LP	\$154,774,660	\$18,037,500	-\$9,371,022	\$8,666,478	\$47,532,303	\$210,973,441
Pine River Fund, Ltd	\$386,886	\$0	\$0	\$0	\$8,883	\$395,769
Portfolio Advisors Private Eq	\$2,926,490	\$0	\$0	\$0	-\$7,854	\$2,918,636

City of San Jose Police and Fire Department Retirement Plan

					-	-
	Beginning	Contributions	Withdrawals	Net Cash Flow	Net Investment	Ending
	Market Value	Contributions	Withdrawais	Net Cash How	Change	Market Value
Real Assets Coinvest I	\$1,799,998	\$0	\$0	\$0	\$0	\$1,799,998
Rockpoint Real Estate Fund VI, L.P.	\$1,758,782	\$0	\$0	\$0	\$67,774	\$1,826,556
Russell Overlay	\$23,416,730	\$0	\$0	\$0	\$4,230,460	\$27,647,191
RWC Emerging Markets Equity	\$63,137,369	\$0	-\$15,000,000	-\$15,000,000	\$2,868,892	\$51,006,261
Shoreline China Value III, LP	\$8,527,041	\$0	-\$359,799	-\$359,799	\$299,212	\$8,466,454
Siguler Guff Distressed	\$5,568,559	\$0	-\$105,841	-\$105,841	-\$103,234	\$5,359,484
SVP Special Situations V		\$775,000	\$0	\$775,000	\$0	\$775,000
TA Realty Associates Fund X	\$1,050,982	\$0	-\$133,154	-\$133,154	\$33,743	\$951,571
TCW/Crescent Mezzanine	\$1,503,424	\$0	-\$1,433,125	-\$1,433,125	-\$3,853	\$66,446
Terminated Manager Assets	\$211,753	\$0	\$0	\$0	\$32	\$211,785
Top Tier Capital Partners IX	\$2,194,038	\$1,216,146	\$0	\$1,216,146	\$473,546	\$3,883,730
Torchlight Debt Fund VII	\$900,000	\$900,000	\$0	\$900,000	\$10,547	\$1,810,547
Torchlight Debt Opportunity VI	\$30,807,100	\$0	-\$1,985,137	-\$1,985,137	\$688,173	\$29,510,136
TPG Opportunities Partners II	\$999,205	\$0	-\$167,821	-\$167,821	\$40,173	\$871,557
TPG Opportunities Partners III	\$5,594,165	\$0	-\$162,689	-\$162,689	\$670,189	\$6,101,665
Tristan - EPISO III	\$3,409,571	\$9	-\$670,626	-\$670,617	\$20,150	\$2,759,104
Tristan - EPISO IV	\$18,590,868	\$0	-\$658,722	-\$658,722	\$1,113,081	\$19,045,228
Tristan - EPISO V	\$5,620,305	\$4,152,481	\$0	\$4,152,481	\$86,885	\$9,859,671
Voya Securitized Credit	\$99,479,940	\$0	\$0	\$0	\$1,958,609	\$101,438,549
Voya TALF	\$48,241	\$0	-\$48,241	-\$48,241	\$0	
Warburg Pincus (Europa) XI	\$11,559,521	\$0	-\$610,000	-\$610,000	\$348,410	\$11,297,931
Wellington Emerging Markets Systematic	\$83,818,612	\$0	-\$15,000,000	-\$15,000,000	\$6,895,459	\$75,714,071
Wellington Iguazu Partners LP Fund	\$79,435,328	\$0	\$0	\$0	\$1,953,796	\$81,389,124
White Oak Direct Lending	\$18,056,947	\$0	\$0	\$0	\$2,650,634	\$20,707,581
Total	\$4,465,156,617	\$725,540,792	-\$786,707,426	-\$61,166,634	\$272,595,763	\$4,676,585,746



Total Fund | As of June 30, 2021

3 Months Ending June 30, 2021 Total Fund Public Equity Private Markets High Yield Bonds Emerging Market Debt Immunized Cash Flows Market Neutral Strategies Cash Core Real Estate TIPS Sovereign Bonds ex-US Investment Grade Bonds Long-Term Government Bonds Overlay -0.1% 0.0% 0.1% 0.2% -0.1% 0.1% 0.2% Allocation Effect

Selection Effect

Attribution Effects

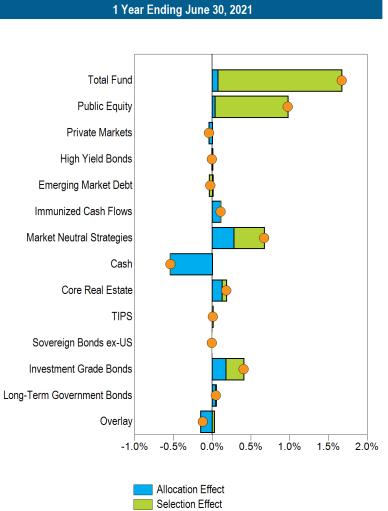
	Attribution Summary									
	3 Mc	onths Ending	June 30, 2	021						
	Wtd. Actual Return	Wtd. Index Return	Excess Return	Selection Effect	Allocation Effect	Total Effects				
Public Equity	7.0%	7.2%	-0.2%	-0.1%	0.0%	-0.1%				
Private Markets	11.8%	11.8%	0.0%	0.0%	0.0%	0.0%				
High Yield Bonds	2.8%	2.7%	0.0%	0.0%	0.0%	0.0%				
Emerging Market Debt	3.5%	3.8%	-0.3%	0.0%	0.0%	0.0%				
Immunized Cash Flows	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%				
Market Neutral Strategies	4.4%	0.0%	4.3%	0.1%	0.1%	0.2%				
Cash	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%				
Core Real Estate	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%				
TIPS	1.7%	1.7%	0.0%	0.0%	0.0%	0.0%				
Sovereign Bonds ex-US	0.0%	0.5%	-0.5%	0.0%	0.0%	0.0%				
Investment Grade Bonds	1.3%	0.9%	0.4%	0.1%	-0.1%	0.0%				
Long-Term Government Bonds	6.5%	6.5%	0.0%	0.0%	0.0%	0.0%				
Overlay	17.9%	0.0%	17.9%	0.1%	0.0%	0.1%				
Total	6.1%	6.0%	0.1%	0.1%	0.0%	0.1%				

Difference in attribution returns and returns in the performance summary may occur as a result of the different calculation methodologies that are applied by InvestorForce.



Attribution Summary

Total Fund | As of June 30, 2021



Attribution Effects

Total Effect

	1 Y	ear Ending 、	June 30, 202	21		
	Wtd. Actual Return	Wtd. Index Return	Excess Return	Selection Effect	Allocation Effect	Total Effects
Public Equity	44.4%	42.1%	2.3%	0.9%	0.0%	1.0%
Private Markets	32.4%	32.4%	0.0%	0.0%	0.0%	0.0%
High Yield Bonds	15.1%	15.4%	-0.3%	0.0%	0.0%	0.0%
Emerging Market Debt	6.8%	7.1%	-0.2%	0.0%	0.0%	0.0%
Immunized Cash Flows	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%
Market Neutral Strategies	18.4%	0.2%	18.2%	0.4%	0.3%	0.7%
Cash	0.1%	0.1%	0.0%	0.0%	-0.5%	-0.5%
Core Real Estate	4.3%	3.3%	1.0%	0.1%	0.1%	0.2%
TIPS	6.0%	5.9%	0.0%	0.0%	0.0%	0.0%
Sovereign Bonds ex-US	0.0%	3.1%	-3.1%	0.0%	0.0%	0.0%
Investment Grade Bonds	1.3%	-0.3%	1.7%	0.2%	0.2%	0.4%
Long-Term Government Bonds	-10.3%	-10.3%	0.0%	0.0%	0.0%	0.0%
Overlay	-7.8%	0.1%	-7.8%	0.0%	-0.1%	-0.1%
Total	26.5%	24.9%	1.7%	1.6%	0.1%	1.7%



Total Fund | As of June 30, 2021

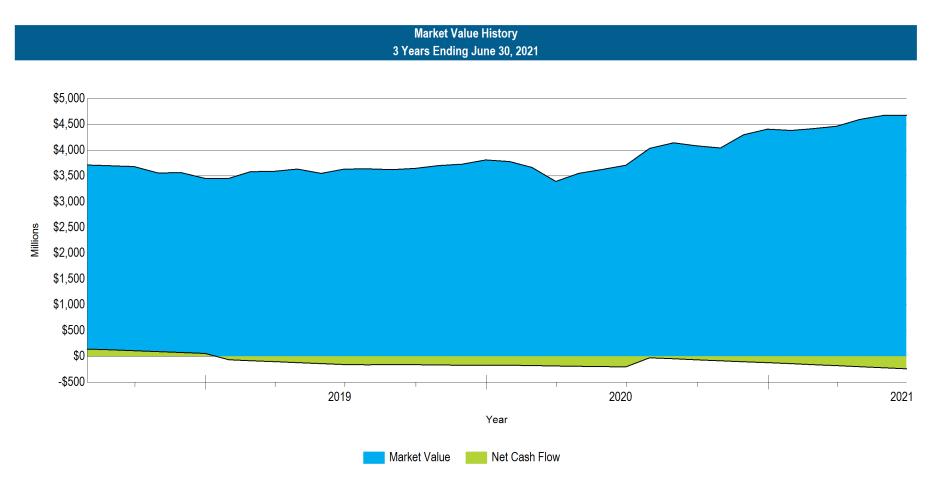
3 Years Ending June 30, 2021 Total Fund Public Equity Private Markets High Yield Bonds Emerging Market Debt Short-Term IG Bonds Immunized Cash Flows Market Neutral Strategies Cash Core Real Estate Commodities TIPS Sovereign Bonds ex-US Investment Grade Bonds Long-Term Government Bonds Overlay -0.6% 0.2% 0.6% -0.2% -0.4% 0.0% 0.4% 0.8%

Attribution Effects

Allocation Effect Selection Effect Total Effect

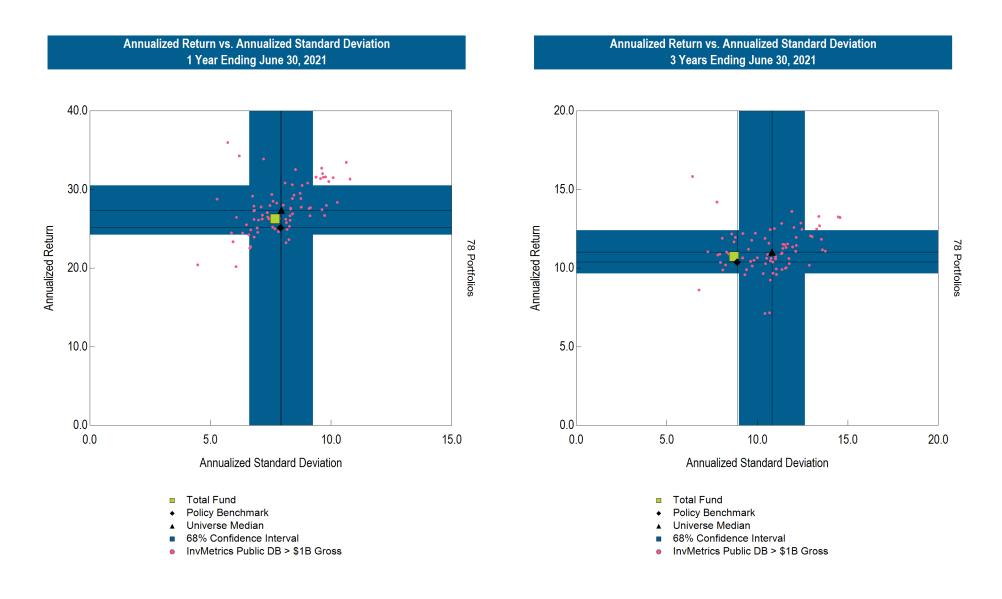
Attribution Summary							
	3 Years Ending June 30, 2021						
	Wtd. Actual	Wtd. Index	Excess	Selection	Allocation	Total	
	Return	Return	Return	Effect	Effect	Effects	
Public Equity	15.1%	14.4%	0.6%	0.3%	0.1%	0.4%	
Private Markets	11.9%	11.6%	0.3%	0.1%	0.0%	0.0%	
High Yield Bonds	7.5%	7.4%	0.1%	0.0%	0.0%	0.0%	
Emerging Market Debt	8.1%	5.5%	2.7%	0.1%	0.0%	0.1%	
Short-Term IG Bonds	1.9%	3.0%	-1.1%	-0.2%	-0.4%	-0.5%	
Immunized Cash Flows	2.8%	2.8%	0.0%	0.0%	0.0%	0.0%	
Market Neutral Strategies	8.3%	1.2%	7.0%	0.2%	0.0%	0.2%	
Cash	1.3%	1.3%	0.0%	0.0%	-0.1%	-0.1%	
Core Real Estate	5.1%	3.3%	1.7%	0.1%	0.0%	0.1%	
Commodities	-3.7%	3.9%	-7.6%	0.1%	0.0%	0.1%	
TIPS	4.2%	4.2%	0.0%	0.0%	0.0%	0.0%	
Sovereign Bonds ex-US	1.4%	2.8%	-1.4%	0.0%	0.0%	0.0%	
Investment Grade Bonds	1.4%	0.5%	0.9%	0.0%	0.4%	0.4%	
Long-Term Government Bonds	-3.5%	-3.5%	0.0%	0.0%	0.1%	0.1%	
Overlay	-5.7%	1.2%	-6.9%	-0.1%	-0.1%	-0.2%	
Total	11.0%	10.4%	0.6%	0.6%	0.0%	0.6%	



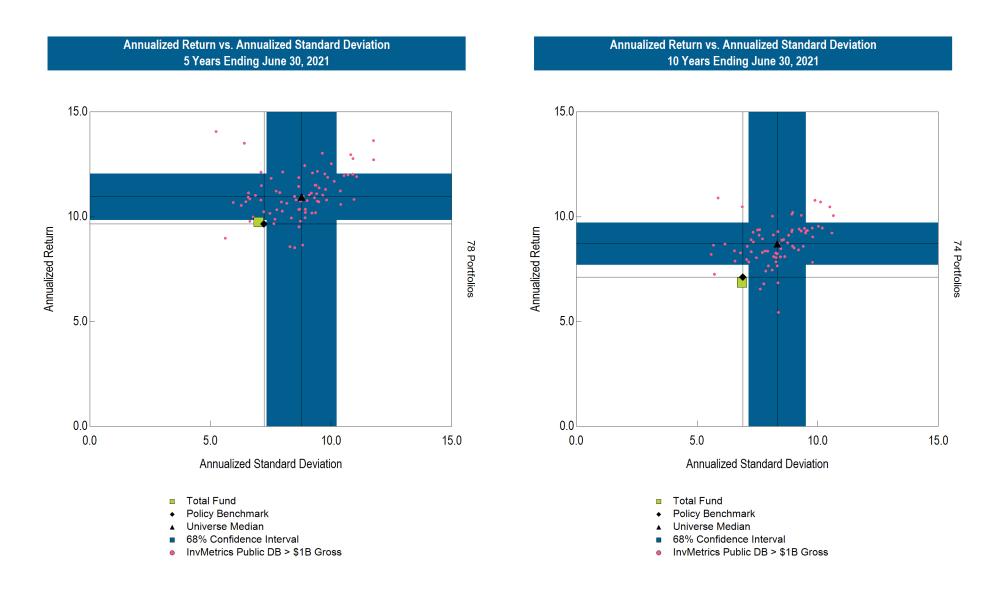


	Second Quarter	Year-To-Date	One Year	Three Years
Beginning Market Value	\$4,465,156,617	\$4,409,376,171	\$3,708,842,660	\$3,523,485,335
Net Cash Flow	-\$61,166,634	-\$119,435,859	-\$36,589,814	-\$240,750,119
Net Investment Change	\$272,595,763	\$386,645,434	\$1,004,332,900	\$1,393,850,530
Ending Market Value	\$4,676,585,746	\$4,676,585,746	\$4,676,585,746	\$4,676,585,746



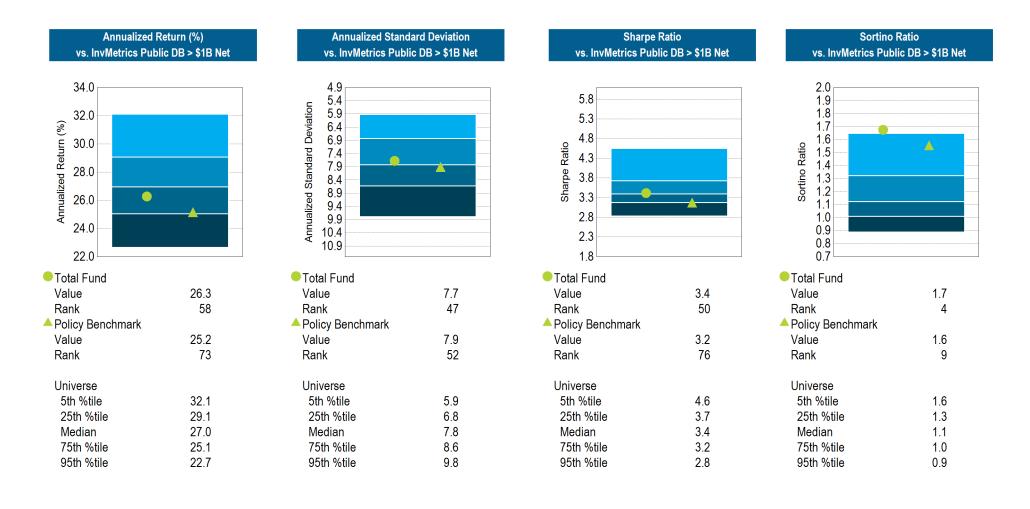






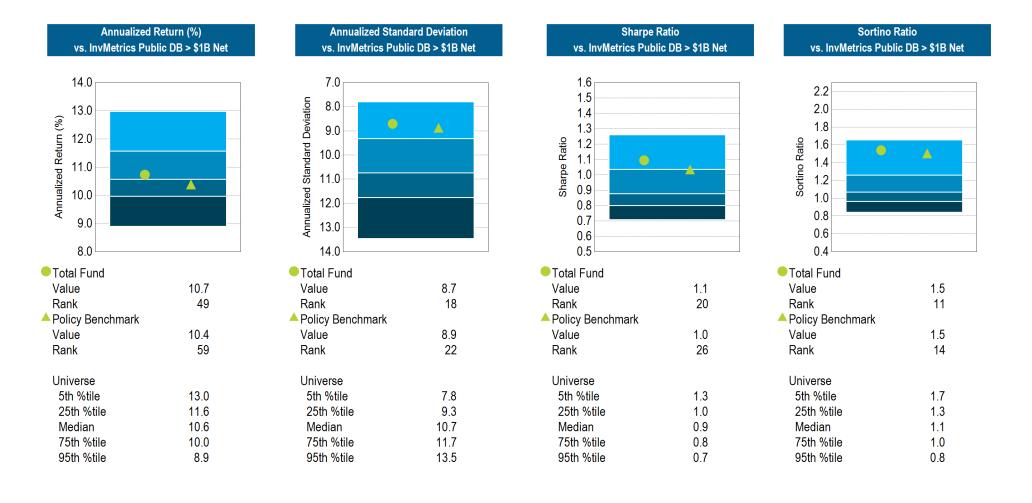
City of San Jose Police and Fire Department Retirement Plan

Total Fund | One Year As of June 30, 2021



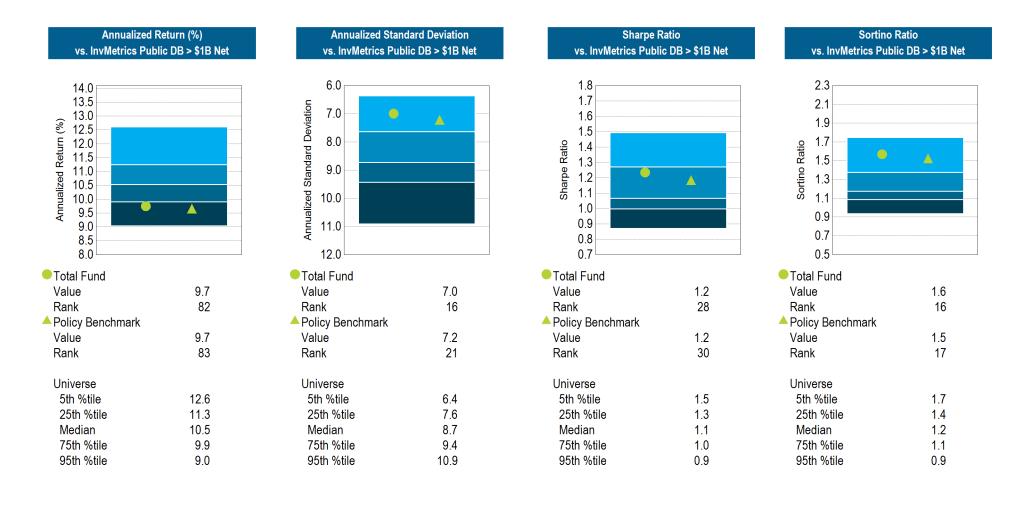
City of San Jose Police and Fire Department Retirement Plan

Total Fund | Three Years As of June 30, 2021



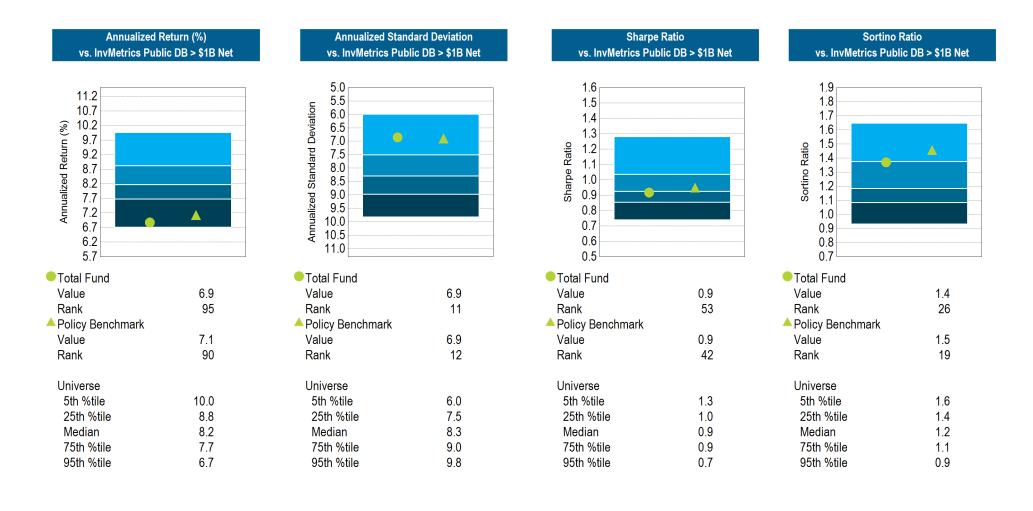
City of San Jose Police and Fire Department Retirement Plan

Total Fund | Five Years As of June 30, 2021

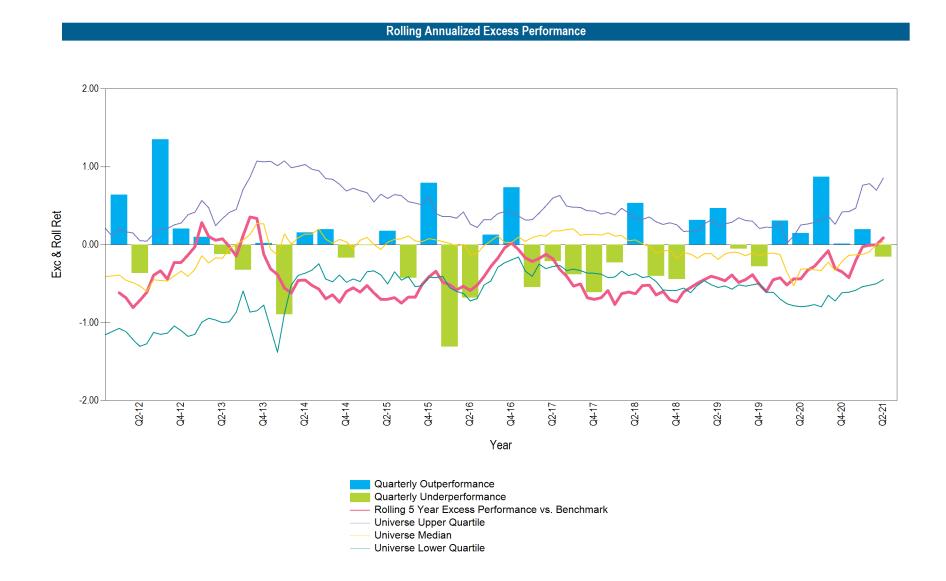


City of San Jose Police and Fire Department Retirement Plan

Total Fund | Ten Years As of June 30, 2021

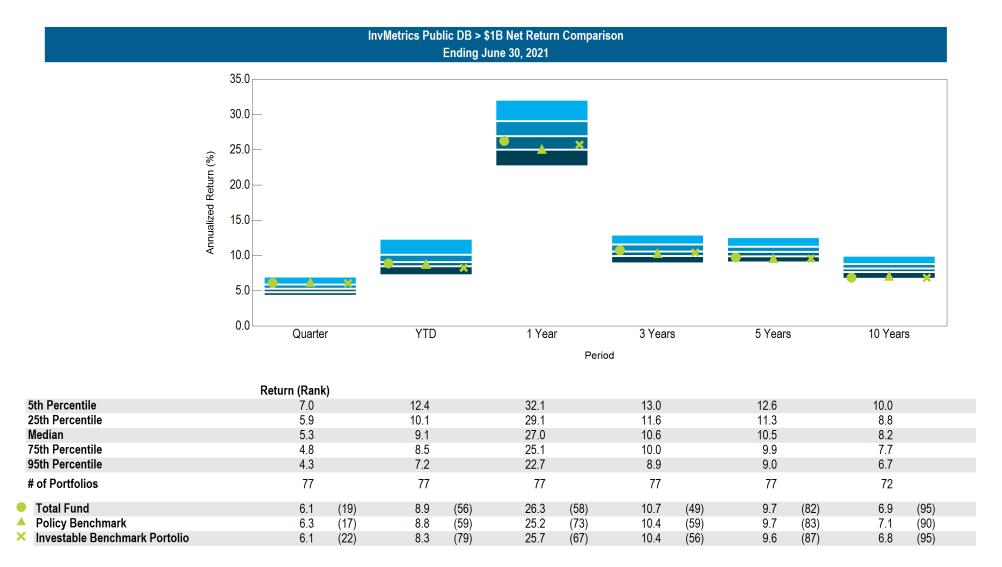






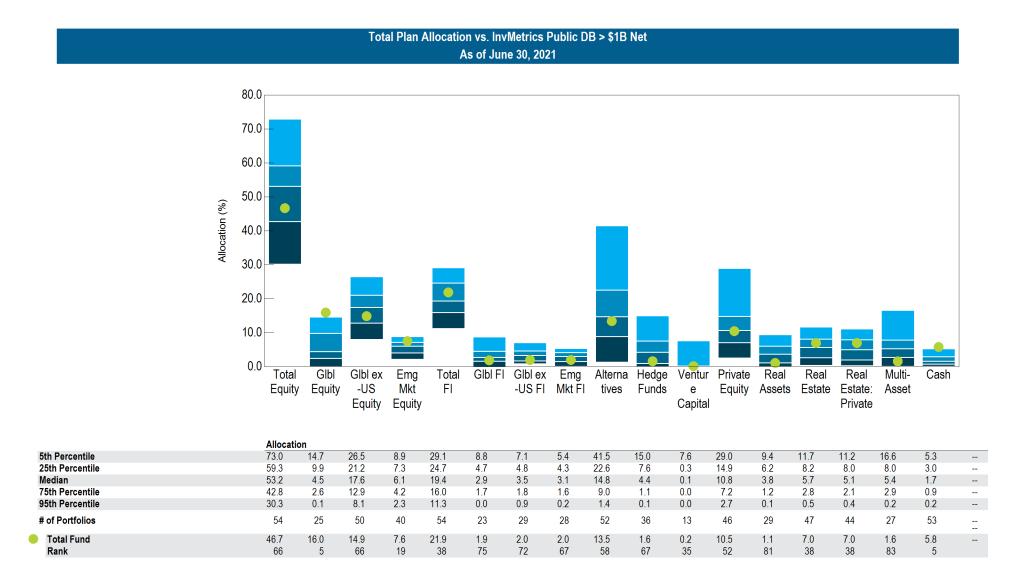


Total Fund | As of June 30, 2021



¹ Fiscal Year begins July 1.





City of San Jose Police and Fire Department Retirement Plan

	Major Benchmark R Periods Ending June 3				
Name	Q2-21	1 Yr	3 Yrs	5 Yrs	10 Yrs
US Equity					
Russell 3000	8.2	44.2	18.7	17.9	14.7
S&P 500	8.5	40.8	18.7	17.6	14.8
Russell 1000	8.5	43.1	19.2	18.0	14.9
Russell 1000 Growth	11.9	42.5	25.1	23.7	17.9
Russell 1000 Value	5.2	43.7	12.4	11.9	11.6
Russell MidCap	7.5	49.8	16.4	15.6	13.2
Russell 2000	4.3	62.0	13.5	16.5	12.3
Russell 2000 Growth	3.9	51.4	15.9	18.8	13.5
Russell 2000 Value	4.6	73.3	10.3	13.6	10.8
International Equity					
MSCI ACWI	7.4	39.3	14.6	14.6	9.9
MSCI World ex USA	5.6	33.6	8.6	10.4	5.7
MSCI EAFE	5.2	32.3	8.3	10.3	5.9
MSCI Emerging Markets	5.0	40.9	11.3	13.0	4.3
Fixed Income					
91 Day T-Bills	0.0	0.1	1.2	1.1	0.6
BBgBarc US Aggregate TR	1.8	-0.3	5.3	3.0	3.4
BBgBarc US Govt/Credit TR	2.4	-0.4	5.9	3.3	3.7
BBgBarc US Municipal TR	1.4	4.2	5.1	3.2	4.3
BBgBarc US High Yield TR	2.7	15.4	7.4	7.5	6.7
FTSE WGBI TR	1.0	0.8	3.6	1.7	1.4
FTSE WGBI ex US TR	0.5	3.1	2.8	1.3	0.8
Real Estate					
FTSE NAREIT AII REIT	11.7	34.2	11.5	8.0	10.2
NCREIF Property Index	3.6	7.4	5.5	6.1	8.8
Alternatives					
HFRI Fund of Funds Composite Index	2.9	18.3	6.3	6.1	3.9
Inflation					
Consumer Price Index	2.6	5.4	2.5	2.4	1.9

					itatistics Su ars Ending J							
	% of Total MV	Anlzd Return	Anlzd Return Rank	Anlzd Standard Deviation	Anlzd Standard Deviation Rank	Anlzd Alpha J	Anlzd Alpha J Rank	Tracking Error	Information Ratio	Information Ratio Rank	Beta	Sharpe Ratio
Total Fund	100.00%	10.73%	49	8.71%	18	0.57%	31	0.90%	0.39	24	0.98	1.09
Policy Benchmark		10.38%	59	8.88%	22	0.00%	52	0.00%			1.00	1.03
Growth	68.67%	14.48%		13.00%		0.93%		1.68%	-0.02		0.93	1.02
Growth Benchmark		14.52%		13.94%		0.00%		0.00%			1.00	0.96
Public Equity	46.71%	15.07%		18.07%		0.91%		1.69%	0.37		0.98	0.77
Public Equity Benchmark		14.44%		18.40%		0.00%		0.00%			1.00	0.72
Global Equity	15.16%	17.26%	31	18.77%	59	2.94%	38	2.62%	1.16	14	1.01	0.86
MSCI ACWI IMI		14.24%	52	18.47%	54	0.00%	56	0.00%			1.00	0.71
U.S. Equity	16.64%	18.89%	31	19.10%	29	0.99%	32	1.53%	0.42	23	0.98	0.93
MSCI USA IMI NR USD		18.24%	35	19.44%	34	0.00%	37	0.00%			1.00	0.88
International Equity	7.36%	10.97%	61	19.21%	69	2.12%	67	3.21%	0.73	42	1.03	0.51
MSCI World ex USA IMI NR USD		8.62%	80	18.35%	54	0.00%	81	0.00%			1.00	0.40
Emerging Markets Equity	7.55%	11.28%	50	19.38%	38	-0.16%	53	2.45%	-0.04	52	1.01	0.52
MSCI Emerging Market IMI Net		11.38%	50	19.10%	34	0.00%	51	0.00%			1.00	0.53
Private Markets	18.04%	11.89%		7.51%		0.49%		1.48%	0.18		0.98	1.42
Private Markets Benchmark		11.63%		7.52%		0.00%		0.00%			1.00	1.39
Private Equity	10.33%	21.18%		9.10%		19.90%		16.93%	0.18		0.00	2.20
San Jose Custom Private Equity Benchmark		18.12%		14.35%		0.00%	-	0.00%			1.00	1.18
Private Equity ex Russell 3000	7.40%	21.03%		9.16%		19.69%		16.92%	0.17		0.01	2.17
San Jose Custom Private Equity Benchmark		18.12%		14.35%		0.00%		0.00%			1.00	1.18
Northern Trust Russell 3000	2.93%	18.73%		19.41%		0.01%		0.04%	-0.05		1.00	0.90
Russell 3000		18.73%		19.43%		0.00%		0.00%			1.00	0.90
Private Debt	2.97%	6.65%		6.35%		4.07%		8.53%	0.07		0.29	0.86
S&P Global Leveraged Loan + 2%		6.02%		8.70%		0.00%		0.00%			1.00	0.55
Growth Real Estate	3.24%	7.29%		4.63%		6.51%		5.87%	0.36		-0.11	1.32
NCREIF ODCE Equal-Weighted		5.19%		3.27%		0.00%		0.00%			1.00	1.22
Emerging Market Debt	2.00%	8.11%	15	5.72%	1	5.19%	3	7.48%	0.35	41	0.40	1.21
50% JPM EMBI GD / 50% JPM GBI- EM		5.46%	66	10.99%	35	0.00%	61	0.00%			1.00	0.39
Low Beta	8.31%	3.77%		1.16%		2.39%		1.23%	1.65		0.32	2.22
Low Beta Benchmark		1.74%		0.70%		0.00%		0.00%			1.00	0.77

	% of Total I	MV Anlzd Returr	Anlzd Return Rank	Anlzd Standard Deviation	Anlzd Standard Deviation Rank	Anizd Alpha J	Anlzd Alpha J Rank	Tracking Error	Information Ratio	Information Ratio Rank	Beta	Sharpe Ratio
Market Neutral Strategies	3.07%	8.26%		4.78%		7.07%		4.85%	1.45		-0.88	1.47
Market Neutral Strategies		1.23%		0.47%		0.00%		0.00%			1.00	0.05
Relative Value	3.07%	8.67%		6.78%		4.10%		2.95%	1.23		0.88	1.10
HFRI Relative Value (Total) Index		5.04%		7.04%		0.00%		0.00%			1.00	0.55
Cash	1.34%	1.30%		0.39%		-0.02%		0.26%	-0.15		0.88	0.26
ICE BofA 91 Days T-Bills TR		1.34%		0.32%		0.00%		0.00%			1.00	0.43
Other	22.43%	0.62%		3.26%		0.14%		1.13%	0.16		0.96	-0.18
Other Benchmark		0.44%		3.20%		0.00%		0.00%			1.00	-0.24
Core Real Estate	4.43%	5.06%		2.99%		3.16%		3.30%	0.52		0.33	1.29
Core Real Estate Benchmark		3.35%		2.37%		0.00%		0.00%			1.00	0.90
Overlay	0.60%	-5.71%		59.58%		-6.91%		59.56%	-0.12		15.41	-0.12
91 Day T-Bills		1.20%		0.29%		0.00%		0.00%			1.00	0.00



		Benchmark History
		As of June 30, 2021
Total Fund		
6/1/2021	Present	25% MSCI USA IMI NR USD / 11% MSCI World ex USA IMI NR USD / 9% MSCI Emerging Markets / 10% San Jose Custom Private Equity Benchmark / 3% S&P Global Leveraged Loan + 2% / 8% NCREIF-ODCE NR USD / 2% 50% JPM EMBI GD / 50% JPM GBI-EM / 2% BBgBarc US Corporate High Yield TR / 3% HFRI Relative Value (Total) Index / 5% Immunized Cash Flow Benchmark / 2% Bloomberg Commodity Index TR USD / 11% Custom IG Bonds Benchmark / 3% BBgBarc US Treasury Long TR
4/1/2020	5/31/2021	23% MSCI USA IMI NR USD / 11% MSCI World ex USA IMI NR USD / 12% MSCI Emerging Market IMI Net / 21% Private Markets Benchmark / 3% 50% JPM EMBI GD / 50% JPM GBI-EM / 2% BBgBarc US Corporate High Yield TR / 5% Immunized Cash Flow Benchmark / 3% Market Neutral Strategies / 5% NCREIF-ODCE / 2% BBgBarc US Govt Long TR / 2% BBgBarc US Treasury TIPS 0-5 Yr TR / 8% BBgBarc Global Aggregate TR
1/1/2020	3/31/2020	14% MSCI USA IMI NR USD / 12% MSCI World ex USA IMI NR USD / 13% MSCI Emerging Market IMI Net / 22% Private Markets Benchmark / 3% 50% JPM EMBI GD / 50% JPM GBI-EM / 14% BBgBarc US Govt/Credit 1-3 Yr. TR / 5% Immunized Cash Flow Benchmark / 5% Market Neutral Strategies / 5% NCREIF-ODCE / 2% Bloomberg Commodity Index TR USD / 3% FTSE WGBI ex US TR / 2% BBgBarc US Treasury TIPS 0-5 Yr TR
12/1/2019	12/31/2019	14% MSCI USA IMI NR USD / 11% MSCI World ex USA IMI NR USD / 13% MSCI Emerging Market IMI Net / 22% Private Markets Benchmark / 3% 50% JPM EMBI GD / 50% JPM GBI-EM / 15% BBgBarc US Govt/Credit 1-3 Yr. TR / 5% Immunized Cash Flow Benchmark / 5% Market Neutral Strategies / 5% NCREIF-ODCE / 2% Bloomberg Commodity Index TR USD / 3% FTSE WGBI ex US TR / 2% BBgBarc US Treasury TIPS 0-5 Yr TR
11/1/2019	11/30/2019	13% MSCI USA IMI NR USD / 11% MSCI World ex USA IMI NR USD / 13% MSCI Emerging Market IMI Net / 22% Private Markets Benchmark / 3% 50% JPM EMBI GD / 50% JPM GBI-EM / 16% BBgBarc US Govt/Credit 1-3 Yr. TR / 5% Immunized Cash Flow Benchmark / 5% Market Neutral Strategies / 5% NCREIF-ODCE / 2% Bloomberg Commodity Index TR USD / 3% FTSE WGBI ex US TR / 2% BBgBarc US Treasury TIPS 0-5 Yr TR
9/1/2019	10/31/2019	13% MSCI USA IMI NR USD / 10% MSCI World ex USA IMI NR USD / 13% MSCI Emerging Market IMI Net / 22% Private Markets Benchmark / 3% 50% JPM EMBI GD / 50% JPM GBI-EM / 17% BBgBarc US Govt/Credit 1-3 Yr. TR / 5% Immunized Cash Flow Benchmark / 5% Market Neutral Strategies / 5% NCREIF-ODCE / 2% Bloomberg Commodity Index TR USD / 3% FTSE WGBI ex US TR / 2% BBgBarc US Treasury TIPS 0-5 Yr TR
10/1/2018	8/31/2019	13% MSCI USA IMI NR USD / 8% MSCI World ex USA IMI NR USD / 10% MSCI Emerging Market IMI Net / 22% Private Markets Benchmark / 3% 50% JPM EMBI GD / 50% JPM GBI-EM / 20% ICE BofA 91 Days T-Bills TR / 5% Immunized Cash Flow Benchmark / 7% Market Neutral Strategies / 5% NCREIF-ODCE / 2% Bloomberg Commodity Index TR USD / 3% FTSE WGBI ex US TR / 2% BBgBarc US Treasury TIPS 0-5 Yr TR
5/1/2018	9/30/2018	34% MSCI ACWI IMI (Net) / 8% San Jose Custom Total Private Equity Index / 22.4% BBgBarc Global Aggregate TR / 1.4% S&P Global Leveraged Loan / 1.4% JP Morgan EMBI Global Diversified / 1.4% JP Morgan GBI EM Global Diversified TR USD / 6% HFRI Macro (Total) Index / 2% DJ Brookfield Global Infrastructure Net TR USD / 6% Bloomberg Commodity Index TR USD / 8% S&P Global Leveraged Loan + 2% / 8% NCREIF Property Index / 1.4% ICE BofA Global High Yield TR



Low-Cost Passiv	ve Portfolio	
4/1/2020	Present	23% MSCI USA IMI NR USD / 11% MSCI World ex USA IMI NR USD / 12% MSCI Emerging Market IMI Net / 10% Russell 3000 / 15% BBgBarc US Aggregate TR / 2% BBgBarc US Corporate High Yield TR 8% / 3% FTSE EPRA/NAREIT Global NR USD / 2% BBgBarc US Govt Long TR / 5% ICE BofAML 91 Days T- Bills TR / 5% 3-Month Libor +1% / 2% BBgBarc US Treasury TIPS 0-5 Yr TR / 3% FTSE WGBI ex US TR
1/1/2020	3/31/2020	14% MSCI USA IMI NR USD / 12% MSCI World ex USA IMI NR USD / 13% MSCI Emerging Market IMI Net / 12% Russell 3000 / 4% BBgBarc US Aggregate TR / 8% FTSE EPRA/NAREIT Global NR USD / 3% S&P Global Natural Resources Net USD / 3% 50% JPM EMBI GD / 50% JPM GBI-EM / 5% ICE BofAML 91 Days T-Bills TR / 5% 3-Month Libor +1% / 2% BBgBarc US Treasury TIPS 0-5 Yr TR / 2% Bloomberg Commodity Index TR USD / 3% FTSE WGBI ex US TR/14% BBgBarc US Govt/Credit 1-3 Yr. TR
12/1/2019	12/31/2019	14% MSCI USA IMI NR USD / 11% MSCI World ex USA IMI NR USD / 13% MSCI Emerging Market IMI Net / 12% Russell 3000 / 4% BBgBarc US Aggregate TR / 8% FTSE EPRA/NAREIT Global NR USD / 3% S&P Global Natural Resources Net USD / 3% 50% JPM EMBI GD / 50% JPM GBI-EM / 5% ICE BofAML 91 Days T-Bills TR / 5% 3-Month Libor +1% / 2% BBgBarc US Treasury TIPS 0-5 Yr TR / 2% Bloomberg Commodity Index TR USD / 3% FTSE WGBI ex US TR/15% BBgBarc US Govt/Credit 1-3 Yr. TR
11/1/2019	11/30/2019	13% MSCI USA IMI NR USD / 11% MSCI World ex USA IMI NR USD / 13% MSCI Emerging Market IMI Net / 12% Russell 3000 / 4% BBgBarc US Aggregate TR / 8% FTSE EPRA/NAREIT Global NR USD / 3% S&P Global Natural Resources Net USD / 3% 50% JPM EMBI GD / 50% JPM GBI-EM / 5% ICE BofAML 91 Days T-Bills TR / 5% 3-Month Libor +1% / 2% BBgBarc US Treasury TIPS 0-5 Yr TR / 2% Bloomberg Commodity Index TR USD / 3% FTSE WGBI ex US TR/16% BBgBarc US Govt/Credit 1-3 Yr. TR
9/1/2019	10/31/2019	13% MSCI USA IMI NR USD / 10% MSCI World ex USA IMI NR USD / 13% MSCI Emerging Market IMI Net / 12% Russell 3000 / 4% BBgBarc US Aggregate TR / 8% FTSE EPRA/NAREIT Global NR USD / 3% S&P Global Natural Resources Net USD / 3% 50% JPM EMBI GD / 50% JPM GBI-EM / 5% ICE BofAML 91 Days T-Bills TR / 5% 3-Month Libor +1% / 2% BBgBarc US Treasury TIPS 0-5 Yr TR / 2% Bloomberg Commodity Index TR USD / 3% FTSE WGBI ex US TR/17% BBgBarc US Govt/Credit 1-3 Yr. TR
10/1/2018	8/31/2019	13% MSCI USA IMI NR USD / 8% MSCI World ex USA IMI NR USD / 10% MSCI Emerging Market IMI Net / 12% Russell 3000 / 4% BBgBarc US Aggregate TR / 8% FTSE EPRA/NAREIT Global NR USD / 3% S&P Global Natural Resources Net USD / 3% 50% JPM EMBI GD / 50% JPM GBI-EM / 25% ICE BofAML 91 Days T-Bills TR / 7% 3-Month Libor + 1% / 2% BBgBarc US Treasury TIPS 0-5 Yr TR / 2% Bloomberg Commodity Index TR USD / 3% FTSE WGBI ex US TR
Liability Driv	ven Benchm	ark Portfolio
10/1/2018	Present	BBgBarc US Treasury Long TR



Growth		
4/1/2020	Present	65.71% Public Equity Benchmark / 27.14% Private Markets Benchmark / 4.29% 50% JPM EMBI GD / 50% JPM GBI-EM / 2.86% BBgBarc US Corporate High Yield TR
1/1/2020	3/31/2020	60.94% Public Equity Benchmark / 34.38% Private Markets Benchmark / 4.69% 50% JPM EMBI GD / 50% JPM GBI-EM
12/1/2019	12/31/2019	60.32% Public Equity Benchmark / 34.92% Private Markets Benchmark / 4.76% 50% JPM EMBI GD / 50% JPM GBI-EM
11/1/2019	11/30/2019	59.68% Public Equity Benchmark / 35.48% Private Markets Benchmark / 4.88% 50% JPM EMBI GD / 50% JPM GBI-EM
9/1/2019	10/31/2019	59.02% Public Equity Benchmark / 36.07% Private Markets Benchmark / 4.92% 50% JPM EMBI GD / 50% JPM GBI-EM
10/1/2018	8/31/2019	51.73% Public Equity Benchmark / 43.1% Private Markets Benchmark / 5.17% 50% JPM EMBI GD / 50% JPM GBI-EM
5/1/2018	9/30/2018	55.18% MSCI ACWI IMI Net USD / 12.99% S&P Global Leveraged Loan Index +2% / 12.99% Private Markets Benchmark / 6.49% NCREIF Property Index / 4.55% 50% JPM EMBI GD / 50% JPM GBI-EM / 4.55% 50% BAML Global HY / 50% S&P Global Leveraged Loan / 3.25% DJ Brookfield Global Infrastructure Net TR USD
7/31/2015	4/30/2018	51.92% MSCI ACWI IMI Net USD / 18.43% S&P Global Leveraged Loan Index +2% / 13.4% Private Markets Benchmark / 2.68% 50% JPM EMBI GD / 50% JPM GBI-EM / 2.68% 50% BAML Global HY / 50% S&P Global Leveraged Loan
Public Equit	ty	
4/1/2020	Present	50% MSCI USA IMI NR USD / 23.91% MSCI World ex USA IMI NR USD / 26.09% MSCI Emerging Market IMI Net
1/1/2020	3/31/2020	35.9% MSCI USA IMI NR USD / 30.77% MSCI World ex USA IMI NR USD / 33.33% MSCI Emerging Market IMI Net
12/1/2019	12/31/2019	36.84% MSCI USA IMI NR USD / 28.95% MSCI World ex USA IMI NR USD / 34.21% MSCI Emerging Market IMI Net
11/1/2019	11/30/2019	35.13% MSCI USA IMI NR USD / 29.73% MSCI World ex USA IMI NR USD / 35.13% MSCI Emerging Market IMI Net
9/1/2019	10/31/2019	36.11% MSCI USA IMI NR USD / 27.78% MSCI World ex USA IMI NR USD / 36.11% MSCI Emerging Market IMI Net
10/1/2018	8/31/2019	41.93% MSCI USA IMI NR USD / 25.81% MSCI World ex USA IMI NR USD / 32.26% MSCI Emerging Market IMI Net
4/1/2008	9/30/2018	MSCI ACWI IMI (Net)
Global Eq	juity	
3/1/2013	Present	MSCI ACWI IMI Index
U.S. Equit	ÿ	
6/1/1995	Present	MSCI USA IMI NR USD



Internatio	onal Equity					
6/1/1995	Present	MSCI World ex USA IMI NR USD				
Emerging Markets Equity						
9/1/2001	Present	MSCI Emerging Market IMI Net				
Private Mar	kets					
10/1/2018	Present	Private Markets				
5/1/2018	9/30/2018	36.36% Cambridge Associates PE Composite BM / 36.36% S&P Global Leveraged Loan Index +2% / 18.18% NCREIF Property Index / 9.1% DJ Brookfield Global Infrastructure Net TR USD				
7/1/2015	4/30/2018	19.61% Cambridge Associates PE Composite BM / 11.76% Russell 3000 / 43.14% S&P Global Leveraged Loan Index +2% / 13.73% NCREIF Property Index / 11.76% DJ Brookfield Global Infrastructure Net TR USD				
Private M	arkets ex Russ	sell 3000				
		No Benchmark Selected				
Private	Equity					
11/1/2016	Present	Custom Private Equity BM				
10/1/2005	10/31/2016	Cambridge Associates US All PE (1 Qtr Lag)				
Priva	te Equity ex Ru	ussell 3000				
11/1/2016	Present	Custom Private Equity BM				
10/1/2005	10/31/2016	Cambridge Associates US All PE (1 Qtr Lag)				
Pri	vate Equity ex	Russell 3000				
		No Benchmark Selected				
North	nern Trust Russ	sell 3000				
4/1/2014	Present	Russell 3000				
Private	Debt					
10/1/2015	Present	S&P Global Leveraged Loan + 0.17				
Private	Real Estate					
7/1/2015	Present	NCREIF ODCE Equal Weighted				



Private	Real Assets	
		No Benchmark Selected
High Yield E	Bonds	
6/1/2020	Present	BBgBarc US Corporate High Yield TR
Emerging N	larket Debt	
1/1/2013	Present	50% JP Morgan GBI EM Global Diversified TR USD / 50% JP Morgan EMBI Global Diversified
Low Beta		
4/1/2020	Present	62.5% ICE BofA 91 Days T-Bills TR / 37.5% Market Neutral Strategies
1/1/2020	3/31/2020	35.71% ICE BofA 91 Days T-Bills TR / 58.33% BBgBarc US Govt/Credit 1-3 Yr. TR / 35.71% Market Neutral Strategies
12/1/2019	12/31/2019	20% ICE BofA 91 Days T-Bills TR / 60% BBgBarc US Govt/Credit 1-3 Yr. TR / 20% Market Neutral Strategies
11/1/2019	11/30/2019	19.23% ICE BofA 91 Days T-Bills TR / 61.54% BBgBarc US Govt/Credit 1-3 Yr. TR / 19.23% Market Neutral Strategies
9/1/2019	10/31/2019	18.52% ICE BofA 91 Days T-Bills TR / 62.96% BBgBarc US Govt/Credit 1-3 Yr. TR / 18.52% Market Neutral Strategies
10/1/2018	8/31/2019	62.5% ICE BofA 91 Days T-Bills TR / 15.62% Immunized Cash Flow Benchmark / 21.88% Market Neutral Strategies
5/1/2018	9/30/2018	HFRI Macro (Total) Index
7/1/2015	4/30/2018	85.71% HFRI Macro (Total) Index / 14.29% ICE BofA 91 Days T-Bills TR
Immunized	Cash Flows	
10/1/2018	Present	Immunized Cash Flows
Market Neu	tral Strategies	
10/1/2018	Present	ICE BofA 91 Days T-Bills TR
11/1/2012	9/30/2018	HFRI Macro (Total) Index
Macro		
7/1/2015	Present	HFRI Macro (Total) Index
Relative \	/alue	
7/1/2015	Present	HFRI Relative Value (Total) Index
Cash		
7/1/2002	Present	ICE BofA 91 Days T-Bills TR



Other		
4/1/2020	Present	22.73% NCREIF ODCE Equal Weighted / 54.55% Custom IG Bonds Benchmark / 13.64% BBgBarc US Govt Long TR / 9.09% BBgBarc US Treasury TIPS 0-5 Yr TR
10/1/2018	3/31/2020	41.67% NCREIF ODCE Equal Weighted / 16.67% Bloomberg Commodity Index TR USD / 25% FTSE WGBI ex US TR / 16.66% BBgBarc US Treasury TIPS 0-5 Yr TR
5/1/2018	9/30/2018	69.14% BBgBarc Global Aggregate TR / 18.52% Bloomberg Commodity Index TR USD / 12.34% NCREIF Property Index
7/1/2015	4/30/2018	38.44% BBgBarc Global Aggregate TR / 30.03% 60% MSCI World & 40% Citigroup WGBI / 21.02% Bloomberg Commodity Index TR USD / 10.51% NCREIF Property Index
Core Real E	state	
9/1/2011	Present	NCREIF ODCE Equal Weighted (Net)
TIPS		
10/1/2018	Present	BBgBarc US Treasury TIPS 0-5 Yr TR
Sovereign E	Bonds ex-US	
10/1/2018	Present	FTSE WGBI ex US TR
Investment	Grade Bonds	
5/1/2020	Present	Custom IG Bonds Benchmark
Long Term	Government B	onds
6/1/2020	Present	Long Term Government Bonds
Overlay		
	Present	91 Day T-Bills

Glossary and Notes



Credit Risk: Refers to the risk that the issuer of a fixed income security may default (i.e., the issuer will be unable to make timely principal and/or interest payments on the security.)

Duration: Measure of the sensitivity of the price of a bond to a change in its yield to maturity. Duration summarizes, in a single number, the characteristics that cause bond prices to change in response to a change in interest rates. For example, the price of a bond with a duration of three years will rise by approximately 3% for each 1% decrease in its yield to maturity. Conversely, the price will decrease 3% for each 1% increase in the bond's yield. Price changes for two different bonds can be compared using duration. A bond with a duration of six years will exhibit twice the percentage price change of a bond with a three-year duration. The actual calculation of a bond's duration is somewhat complicated, but the idea behind the calculation is straightforward. The first step is to measure the time interval until receipt for each cash flow (coupon and principal payments) from a bond. The second step is to compute a weighted average of these time intervals. Each time interval is measured by the present value of that cash flow. This weighted average is the duration of the bond measured in years.

Information Ratio: This statistic is a measure of the consistency of a portfolio's performance relative to a benchmark. It is calculated by subtracting the benchmark return from the portfolio return (excess return), and dividing the resulting excess return by the standard deviation (volatility) of this excess return. A positive information ratio indicates outperformance versus the benchmark, and the higher the information ratio, the more consistent the outperformance.

Jensen's Alpha: A measure of the average return of a portfolio or investment in excess of what is predicted by its beta or "market" risk. Portfolio Return- [Risk Free Rate+Beta*(market return-Risk Free Rate)].

Market Capitalization: For a firm, market capitalization is the total market value of outstanding common stock. For a portfolio, market capitalization is the sum of the capitalization of each company weighted by the ratio of holdings in that company to total portfolio holdings; thus it is a weighted-average capitalization. Meketa Investment Group considers the largest 65% of the broad domestic equity market as large capitalization, the next 25% of the market as medium capitalization, and the smallest 10% of stocks as small capitalization.

Market Weighted: Stocks in many indices are weighted based on the total market capitalization of the issue. Thus, the individual returns of higher market-capitalization issues will more heavily influence an index's return than the returns of the smaller market-capitalization issues in the index.

Maturity: The date on which a loan, bond, mortgage, or other debt/security becomes due and is to be paid off.

Prepayment Risk: The risk that prepayments will increase (homeowners will prepay all or part of their mortgage) when mortgage interest rates decline; hence, investors' monies will be returned to them in a lower interest rate environment. Also, the risk that prepayments will slow down when mortgage interest rates rise; hence, investors will not have as much money as previously anticipated in a higher interest rate environment. A prepayment is any payment in excess of the scheduled mortgage payment.

Price-Book Value (P/B) Ratio: The current market price of a stock divided by its book value per share. Meketa Investment Group calculates P/B as the current price divided by Compustat's quarterly common equity. Common equity includes common stock, capital surplus, retained earnings, and treasury stock adjusted for both common and nonredeemable preferred stock. Similar to high P/E stocks, stocks with high P/B's tend to be riskier investments.



Price-Earnings (P/E) Ratio: A stock's market price divided by its current or estimated future earnings. Lower P/E ratios often characterize stocks in low growth or mature industries, stocks in groups that have fallen out of favor, or stocks of established blue chip companies with long records of stable earnings and regular dividends. Sometimes a company that has good fundamentals may be viewed unfavorably by the market if it is an industry that is temporarily out of favor. Or a business may have experienced financial problems causing investors to be skeptical about is future. Either of these situations would result in lower relative P/E ratios. Some stocks exhibit above-average sales and earnings growth or expectations for above average growth. Consequently, investors are willing to pay more for these companies' earnings, which results in elevated P/E ratios. In other words, investors will pay more for shares of companies whose profits, in their opinion, are expected to increase faster than average. Because future events are in no way assured, high P/E stocks tend to be riskier and more volatile investments. Meketa Investment Group calculates P/E as the current price divided by the I/B/E/S consensus of twelve-month forecast earnings per share.

Quality Rating: The rank assigned a security by such rating services as Fitch, Moody's, and Standard & Poor's. The rating may be determined by such factors as (1) the likelihood of fulfillment of dividend, income, and principal payment of obligations; (2) the nature and provisions of the issue; and (3) the security's relative position in the event of liquidation of the company. Bonds assigned the top four grades (AAA, AA, A, BBB) are considered investment grade because they are eligible bank investments as determined by the controller of the currency.

Sharpe Ratio: A commonly used measure of risk-adjusted return. It is calculated by subtracting the risk free return (usually three-month Treasury bill) from the portfolio return and dividing the resulting excess return by the portfolio's total risk level (standard deviation). The result is a measure of return per unit of total risk taken. The higher the Sharpe ratio, the better the fund's historical risk adjusted performance.

STIF Account: Short-term investment fund at a custodian bank that invests in cash-equivalent instruments. It is generally used to safely invest the excess cash held by portfolio managers.

Standard Deviation: A measure of the total risk of an asset or a portfolio. Standard deviation measures the dispersion of a set of numbers around a central point (e.g., the average return). If the standard deviation is small, the distribution is concentrated within a narrow range of values. For a normal distribution, about two thirds of the observations will fall within one standard deviation of the mean, and 95% of the observations will fall within two standard deviations of the mean.

Style: The description of the type of approach and strategy utilized by an investment manager to manage funds. For example, the style for equities is determined by portfolio characteristics such as price-to-book value, price-to-earnings ratio, and dividend yield. Equity styles include growth, value, and core.

Tracking Error: A divergence between the price behavior of a position or a portfolio and the price behavior of a benchmark, as defined by the difference in standard deviation.



Yield to Maturity: The yield, or return, provided by a bond to its maturity date; determined by a mathematical process, usually requiring the use of a "basis book." For example, a 5% bond pays \$5 a year interest on each \$100 par value. To figure its current yield, divide \$5 by \$95-the market price of the bond-and you get 5.26%. Assume that the same bond is due to mature in five years. On the maturity date, the issuer is pledged to pay \$100 for the bond that can be bought now for \$95. In other words, the bond is selling at a discount of 5% below par value. To figure yield to maturity, a simple and approximate method is to divide 5% by the five years to maturity, which equals 1% pro rata yearly. Add that 1% to the 5.26% current yield, and the yield to maturity is roughly 6.26%.

5% (discount)=1% pro rata, plus=6.26% (yield to maturity)5 (yrs. to maturity)5.26% (current yield)=6.26% (yield to maturity)

Yield to Worst: The lowest potential yield that can be received on a bond without the issuer actually defaulting. The yield to worst is calculated by making worst-case scenario assumptions on the issue by calculating the returns that would be received if provisions, including prepayment, call, or sinking fund, are used by the issuer.

NCREIF Property Index (NPI): Measures unleveraged investment performance of a very large pool of individual commercial real estate properties acquired in the private market by tax-exempt institutional investors for investment purposes only. The NPI index is capitalization-weighted for a quarterly time series composite total rate of return.

NCREIF Fund Index - Open End Diversified Core Equity (NFI-ODCE): Measures the investment performance of 28 open-end commingled funds pursuing a core investment strategy that reflects funds' leverage and cash positions. The NFI-ODCE index is equal-weighted and is reported gross and net of fees for a quarterly time series composite total rate of return.

Sources: Investment Terminology, International Foundation of Employee Benefit Plans, 1999. The Handbook of Fixed Income Securities, Fabozzi, Frank J., 1991

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Throughout this report, numbers may not sum due to rounding.

Returns for periods greater than one year are annualized throughout this report.

Values shown are in millions of dollars, unless noted otherwise.