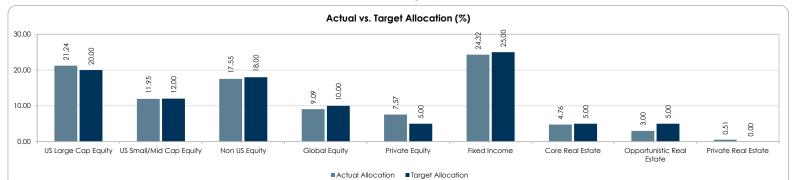
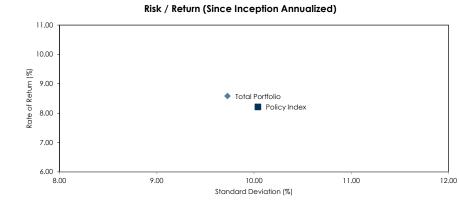
#### Preliminary

### **County Employees' Retirement Fund**

For the Periods Ending April 30, 2023



Asset Class	Market Value (\$000s)	Actual Allocation (%)	Target Allocation (%)	Over/ Under (%)	
Total Portfolio	703,222	100.00	100.00		
Equity	474,020	67.41	65.00	2.41	
US Large Cap Equity	149,387	21.24	20.00	1.24	
US Small/Mid Cap Equity	84,061	11.95	12.00	-0.05	
Non US Equity	123,419	17.55	18.00	-0.45	
Global Equity	63,922	9.09	10.00	-0.91	
Private Equity	53,231	7.57	5.00	2.57	
Fixed Income	171,002	24.32	25.00	-0.68	
Real Assets	58,201	8.28	10.00	-1.72	
Core Real Estate	33,487	4.76	5.00	-0.24	
Opportunistic Real Estate	21,114	3.00	5.00	-2.00	
Private Real Estate	3,600	0.51	0.00	0.51	



Return Statistics (Since Inception Annualized)

	Total Portfolio	Policy Index
Return (%)	8.58	8.21
Standard Deviation (%)	9.73	10.04
Sharpe Ratio	0.67	0.61
Benchmark Re	ative Statistics	
Beta		0.90
Up Capture (%)		93.73
Down Capture (%)		88.37

### **County Employees' Retirement Fund**

For the Periods Ending April 30, 2023

			0 1						
	Market Value (\$000s)	Actual Allocation (%)	1 Month (%)	YID (%)	1 Year (%)	3 Years (%)	5 Years (%)	10 Years (%)	Since Inception (%)
Total Portfolio (01/95)	703,222	100.00	1.05	5.56	1.76	10.15	7.41	7.65	8.58
Policy Index <sup>1</sup>			1.12	6.43	1.42	7.59	5.89	7.65	8.21
US Large Cap Equity (06/01) S&P 500	149,387	21.24	<b>1.56</b> 1.56	<b>9.17</b> 9.18	<b>2.66</b> 2.66	<b>16.26</b> 14.52	<b>12.04</b> 11.45	<b>12.30</b> 12.20	<b>9.42</b> 7.70
US Small/Mid Cap Equity (01/02) Russell 2500	84,061	11.95	<b>1.03</b> -1.30	<b>7.92</b> 2.04	<b>5.47</b> -3.32	<b>15.73</b> 13.63	<b>11.63</b> 6.32	<b>12.07</b> 8.89	<b>9.41</b> 8.69
Non US Equity (11/02) MSCI EAFE NetDiv	123,419	17.55	<b>2.70</b> 2.82	<b>12.43</b> 11.53	<b>10.12</b> 8.42	<b>13.05</b> 11.68	<b>3.04</b> 3.63	<b>5.35</b> 4.76	<b>7.98</b> 6.89
Long/Short Equity (04/08) * HFRI FOF: Strategic	63,922	9.09	<b>0.05</b> 0.64	<b>2.09</b> 1.84	<b>0.03</b> -1.22	<b>5.42</b> 5.76	<b>3.45</b> 2.36	<b>4.25</b> 3.11	<b>3.46</b> 1.95
Private Equity (11/09) * S&P 500	53,231	7.57	<b>0.00</b> 1.56	<b>-0.35</b> 9.18	<b>-4.28</b> 2.66	<b>22.02</b> 14.52	<b>18.75</b> 11.45	<b>14.96</b> 12.20	<b>12.88</b> 13.07
Fixed Income (08/03) Bloomberg US Aggregate	171,002	24.32	<b>0.60</b> 0.61	<b>3.39</b> 3.59	<b>0.25</b> -0.43	<b>0.20</b> -3.15	<b>2.42</b> 1.18	<b>2.03</b> 1.32	<b>4.26</b> 3.30
Core Real Estate (10/05) NFI ODCE	33,487	4.76	<b>-0.28</b> 0.00	<b>-3.26</b> -3.17	<b>-6.70</b> -3.09	<b>6.83</b> 8.40	<b>6.38</b> 7.51	<b>8.83</b> 9.45	<b>5.99</b> 7.14
Opportunistic Real Estate (08/22)	21,114	3.00	<b>-0.29</b> 0.00	<b>-5.26</b> -3.17	-3.09	 8.40	 7.51	 9.45	<b>-14.89</b> -7.50
Building Valuation	3,600	0.51							

<sup>1</sup> Policy Index: Effective August 2022, the index consists of 65.00% MSCI ACWI, 10.00% NFI ODCE, 25.00% Bloomberg US Aggregate.

Policy Index History: Prior to August 2022, the Policy Index was comprised of 65% MSCI ACWI, 5% NFI ODCE, and 30% Bloomberg US Aggregate.

Policy Index History: Prior to January 2017, the Policy Index was comprised of 65% S&P 500 and 35% Bloomberg US Aggregate.

Building Valuation is not included in performance.

# County Employees' Retirement Fund

For the Periods Ending April 30, 2023

	Market Value (\$000s)	Actual Allocation (%)	1 Month (%)	YTD (%)	1 Year (%)	3 Years (%)	5 Years (%)	10 Years (%)	Since Inception (%)
Equity									
US Large Cap Equity									
Northern Trust S&P 500 Index (06/21)	149,387	21.24	1.56	9.17	2.66				1.13
S&P 500			1.56	9.18	2.66	14.52	11.45	12.20	1.13
US Small/Mid Cap Equity									
William Blair SMID Cap Growth (08/16)	35,394	5.03	-0.44	5.19	2.14	9.82	8.34		11.57
Russell 2500 Growth			-1.26	5.20	-0.07	8.74	6.69	9.87	9.21
Burgundy Asset Management (07/04)	48,667	6.92	2.14	9.99	7.98	20.35	14.01	13.38	12.04
Russell 2000 Value			-2.49	-3.13	-7.99	15.44	3.66	6.96	6.78
Non US Equity									
Brandes (10/98)	64,880	9.23	2.83	13.89	13.30	17.34	3.45	5.58	8.12
MSCI EAFE NetDiv			2.82	11.53	8.42	11.68	3.63	4.76	5.06
MSCI EAFE Value NetDiv			3.22	9.35	8.38	13.80	1.78	3.45	5.16
Barings Focused EAFE Plus Equity (05/12)	58,538	8.32	2.56	10.87	6.79	8.55	3.21	5.37	5.54
MSCI EAFE NetDiv			2.82	11.53	8.42	11.68	3.63	4.76	6.01
MSCI EAFE Growth NetDiv			2.43	13.79	8.23	9.21	5.07	5.83	6.80
Long/Short Equity									
ABS Global (03/15) * 2	63,922	9.09	0.05	2.09	0.03	5.42	3.45		3.27
HFRI FOF: Strategic	•••,•==		0.64	1.84	-1.22	5.76	2.36	3.11	2.53
Private Equity									
Portfolio Advisors VI (11/09) *	3,074	0.44	0.00	-0.26	-18.61	12.70	12.05	12.56	11.13
Portfolio Advisors VIII (12/15) *	20,199	2.87	0.00	-0.55	-7.03	23.18	19.83		16.16
Portfolio Advisors X (08/20) *	29,958	4.26	0.00	-0.21	0.01				24.89
S&P 500			1.56	9.18	2.66	14.52	11.45	12.20	13.07

### **County Employees' Retirement Fund**

For the Periods Ending April 30, 2023

	Market Value (\$000s)	Actual Allocation (%)	1 Month (%)	YTD (%)	1 Year (%)	3 Years (%)	5 Years (%)	10 Years (%)	Since Inception (%)
Fixed Income									
Loomis Sayles (04/01)	51,363	7.30	0.74	4.81	0.68	-0.80	2.35	2.54	5.10
Bloomberg US Aggregate			0.61	3.59	-0.43	-3.15	1.18	1.32	3.66
Baird Core Plus (11/16)	50,498	7.18	0.70	3.84	0.35	-1.59	2.02		1.72
Bloomberg Universal			0.61	3.56	-0.31	-2.47	1.31	1.57	0.99
BlackRock Strategic Opportunities Fund (03/17)	67,192	9.55	0.43	2.12	0.11	3.17	2.82		2.98
Bloomberg US Aggregate			0.61	3.59	-0.43	-3.15	1.18	1.32	1.02
Deferred Comp (01/13)	17	0.00	0.36	1.39	2.91	0.99	1.32	0.80	0.78
Cash and Equivalents (01/13)	1,931	0.27	0.38	1.46	3.10	1.05	1.36	0.85	0.82
US T-Bills 90 Day			0.31	1.39	2.81	0.99	1.44	0.90	0.87
Real Assets									
Core Real Estate									
JP Morgan Strategic Property Fund (04/15)	33,487	4.76	-0.28	-3.26	-6.70	6.83	6.38		7.57
NFI ODCE			0.00	-3.17	-3.09	8.40	7.51	9.45	8.34
Opportunistic Real Estate									
JP Morgan Special Situations Property Fund (08/22)	21,114	3.00	-0.29	-5.26					-14.89
NFI ODCE			0.00	-3.17	-3.09	8.40	7.51	9.45	-7.50
Building Valuation	3,600	0.51							

Building Valuation is not included in performance.

\* Performance is Net of Fees.

<sup>2</sup> Market value and performance are preliminary

# **Private Equity**

### For the Period Ending April 30, 2023

#### Summary of Cash Flows for 1 Month

Cash Outflows	Cash Inflows	Net Cash Flows

#### Summary of Portfolio Inception to Date

	Inception		Drawn	Remaining	Distributions	Adjusted		Total Value to	Annualized
	Date	Committed	to Date	Commitment	to Date	Ending Value	Total Value	Paid-in	IRR (%)
Total	Nov-09	60,000,000	42,534,788	14,965,213	26,513,936	53,231,300	79,745,236	1.87x	15.55
Portfolio Advisors VI	Nov-09	10,000,000	6,474,540	1,025,461	11,305,696	3,074,286	14,379,982	2.22x	12.43
Portfolio Advisors VIII	Nov-15	20,000,000	14,753,050	5,246,950	14,272,945	20,198,681	34,471,626	2.34x	17.77
Portfolio Advisors X	Jul-20	30,000,000	21,307,198	8,692,802	935,295	29,958,333	30,893,628	1.45x	19.16

#### Cash Flow Activity for 1 Month

Fund Name	Date	Transaction Type	Cash Outflows	Cash Inflows	Net Cash Flows
Total					

## Market Overview

For the Periods Ending April 30, 2023

	1		1	3	5	10
	Month	YTD	Year	Years	Years	Years
	(%)	(%)	(%)	(%)	(%)	(%)
Equity Markets - Core						
S&P 500	1.56	9.18	2.66	14.52	11.45	12.20
Russell 1000	1.24	8.79	1.82	14.22	11.07	11.95
Russell 2000	-1.80	0.89	-3.65	11.90	4.15	7.88
Russell 2500	-1.30	2.04	-3.32	13.63	6.32	8.89
Russell Mid Cap	-0.53	3.51	-1.69	13.78	7.97	9.85
Equity Markets - Growth						
S&P 500 Growth	1.43	11.20	-1.87	12.23	12.15	13.55
Russell 1000 Growth	0.99	15.49	2.34	13.62	13.80	14.46
Russell 2000 Growth	-1.16	4.84	0.72	7.82	4.00	8.44
Russell 2500 Growth	-1.26	5.20	-0.07	8.74	6.69	9.87
Russell Mid Cap Growth	-1.45	7.56	1.60	9.21	8.96	10.84
Equity Markets - Value						
S&P 500 Value	1.71	6.97	6.74	15.80	9.73	10.16
Russell 1000 Value	1.51	2.53	1.21	14.38	7.75	9.13
Russell 2000 Value	-2.49	-3.13	-7.99	15.44	3.66	6.96
Russell 2500 Value	-1.33	0.04	-5.30	16.34	5.10	7.55
Russell Mid Cap Value	0.01	1.33	-3.47	15.76	6.43	8.68
International Markets						
MSCI EAFE NetDiv	2.82	11.53	8.42	11.68	3.63	4.76
MSCI World	1.80	9.82	3.72	13.64	8.69	9.29
MSCI World ex US	2.94	11.37	7.66	12.58	4.45	5.26
Fixed Income						
ICE BofA ML 1-3 Yr Treasury	0.25	1.81	0.93	-0.74	1.19	0.83
ICE BofA ML High Yield Master II	0.93	4.69	1.02	4.86	3.11	3.93
Bloomberg US Aggregate	0.61	3.59	-0.43	-3.15	1.18	1.32
Bloomberg Intermediate G/C	0.61	2.96	0.96	-1.54	1.63	1.32
Bloomberg 10 Yr Municipal	-0.23	2.53	4.93	1.19	2.59	2.50
Bloomberg US Credit	0.79	4.26	0.72	-1.92	1.88	2.08

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