

# Monthly Investment Performance Analysis

City of Jacksonville Employees' Retirement System

Period Ended: August 31, 2022

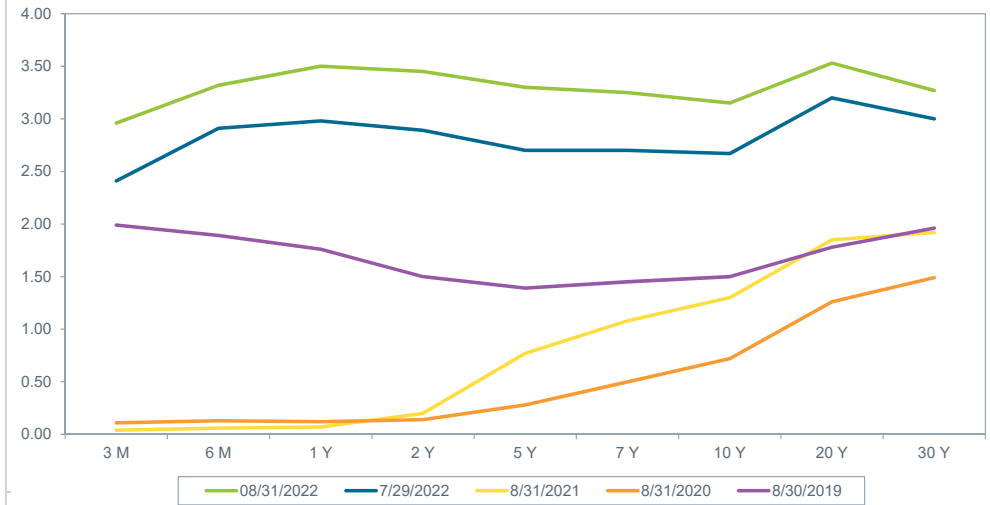


**General Market Commentary**

- Global equity markets pulled back in August, with most major indices finishing in negative territory. Domestic and international indices posted low to mid-single digit losses, with the exception being emerging markets which posted a slight gain for the month. Persistent heightened inflation, along with recession fears, continue to weigh on investment results.
- In August, Federal Reserve chair Jerome Powell reaffirmed that monetary policy would remain tight in an attempt to combat the soaring inflation, and that the Fed's focus is to return the long-run inflation target of 2%. As of the end of July, inflation recorded an 8.5% gain year-over-year, slightly down from the 9.1% figure as of the end of June.
- Despite the poor economic conditions, the nation's job market remains very strong, with the national unemployment rate being 3.7% as of the end of August, and jobs continuing to be added throughout the United States each month.
- Equity markets posted negative returns in August as the S&P 500 (Cap Wtd) Index returned -4.08% and the MSCI EAFE (Net) Index returned -4.75%. Emerging markets returned 0.42% as measured by the MSCI EM (Net) Index.
- The Bloomberg US Aggregate Bond Index returned -2.83% in August, underperforming the -2.01% return by the Bloomberg US Treasury Intermediate Term Index. International fixed income markets returned -5.78%, as measured by the FTSE Non-US World Gov't Bond Index.
- Public real estate, as measured by the FTSE NAREIT Eq REITs Index (TR), returned -5.97% in August and 5.63% over the trailing five-year period.
- The Cambridge US Private Equity Index returned 27.60% for the trailing one-year period and 19.71% for the trailing five-year period ending March 2022.
- Absolute return strategies, as measured by the HFRI FOF Comp Index, returned 0.88% for the month and -4.50% over the trailing one-year period.
- Crude oil's price fell by 9.20% during the month, but has increased by 30.73% YoY.

Economic Indicators	Aug-22	Jul-22	Aug-21	10 Yr	20 Yr
Federal Funds Rate (%)	2.33 ▲	2.32	0.06	0.68	1.27
Breakeven Inflation - 5 Year (%)	2.64 ▼	2.81	2.51	1.87	1.90
Breakeven Inflation - 10 Year (%)	2.48 ▼	2.55	2.34	1.98	2.07
Breakeven Inflation - 30 Year (%)	2.35 ▲	2.31	2.23	2.04	2.26
Bloomberg US Agg Bond Index - Yield (%)	3.96 ▲	3.42	1.42	2.31	3.21
Bloomberg US Agg Bond Index - OAS (%)	0.50 ▲	0.49	0.35	0.47	0.59
Bloomberg US Agg Credit Index - OAS (%)	1.30 ▼	1.34	0.82	1.18	1.39
Bloomberg US Corp: HY Index - OAS (%)	4.84 ▲	4.69	2.88	4.31	5.10
Capacity Utilization (%)	79.96 ▼	80.20	78.23	77.12	76.93
Unemployment Rate (%)	3.7 ▲	3.5	5.2	5.4	6.0
PMI - Manufacturing (%)	52.8 —	52.8	59.7	54.5	53.7
Baltic Dry Index - Shipping	965 ▼	1,895	4,132	1,329	2,424
Consumer Conf (Conf Board)	103.20 ▲	95.30	115.20	103.97	90.84
CPI YoY (Headline) (%)	8.3 ▼	8.5	5.3	2.3	2.4
CPI YoY (Core) (%)	6.3 ▲	5.9	4.0	2.4	2.1
PPI YoY (%)	12.7 ▼	15.4	10.7	2.4	2.9
M2 YoY (%)	N/A	N/A	5.3	13.6	8.3
US Dollar Total Weighted Index	123.67 ▲	121.85	113.15	109.10	103.18
WTI Crude Oil per Barrel (\$)	90 ▼	99	69	66	67
Gold Spot per Oz (\$)	1,711 ▼	1,766	1,814	1,439	1,137

**Treasury Yield Curve (%)**



Treasury Yield Curve (%)	Aug-22	Jul-22	Aug-21	Aug-20	Aug-19
3 Month	2.96	2.41	0.04	0.11	1.99
6 Month	3.32	2.91	0.06	0.13	1.89
1 Year	3.50	2.98	0.07	0.12	1.76
2 Year	3.45	2.89	0.20	0.14	1.50
5 Year	3.30	2.70	0.77	0.28	1.39
7 Year	3.25	2.70	1.08	0.50	1.45
10 Year	3.15	2.67	1.30	0.72	1.50
20 Year	3.53	3.20	1.85	1.26	1.78
30 Year	3.27	3.00	1.92	1.49	1.96

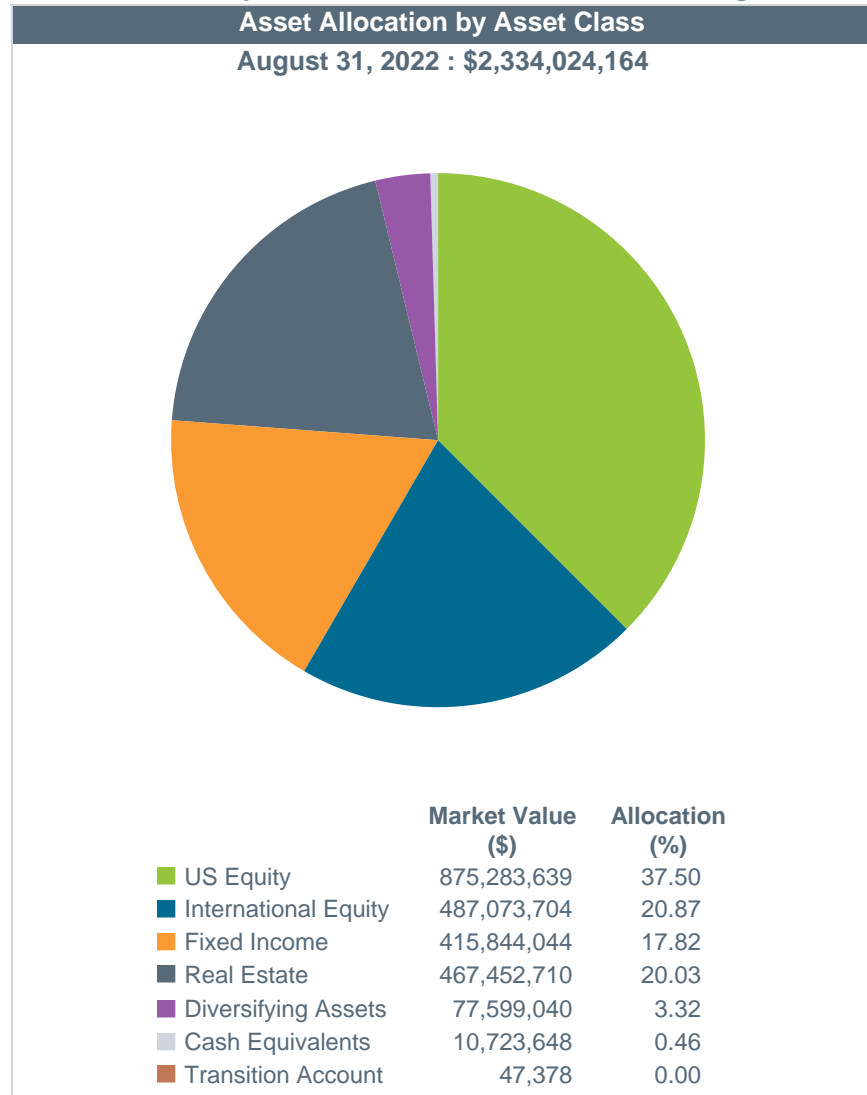
  

Market Performance (%)	MTD	QTD	CYTD	1 Yr	3 Yr	5 Yr	7 Yr	10 Yr
S&P 500 (Cap Wtd)	-4.08	4.77	-16.14	-11.23	12.39	11.82	12.55	13.08
Russell 2000	-2.05	8.18	-17.16	-17.88	8.59	6.95	8.29	10.01
MSCI EAFE (Net)	-4.75	0.00	-19.57	-19.80	2.39	1.63	3.52	5.00
MSCI EAFE SC (Net)	-4.43	1.88	-23.29	-25.98	2.85	1.21	4.55	7.06
MSCI EM (Net)	0.42	0.17	-17.49	-21.80	2.74	0.59	5.29	2.92
Bloomberg US Agg Bond	-2.83	-0.45	-10.75	-11.52	-2.00	0.52	1.28	1.35
ICE BofAML 3 Mo US T-Bill	0.16	0.21	0.36	0.37	0.57	1.12	0.92	0.66
NCREIF ODCE (Gross)	N/A	N/A	12.49	29.51	12.66	10.54	10.34	11.16
FTSE NAREIT Eq REITs Index (TR)	-5.97	2.54	-18.17	-9.96	3.28	5.63	7.26	7.45
HFRI FOF Comp Index	0.88	1.66	-5.03	-4.50	4.69	3.58	3.19	3.76
Bloomberg Cmdty Index (TR)	0.09	4.35	23.59	27.72	17.15	8.75	5.23	-1.15

NCREIF performance is reported quarterly; MTD and QTD returns are shown as "N/A" on interim-quarter months and until available. Data shown is as of most recent quarter-end. Treasury data courtesy of the US Department of the Treasury. Economic data courtesy of Bloomberg Professional Service.

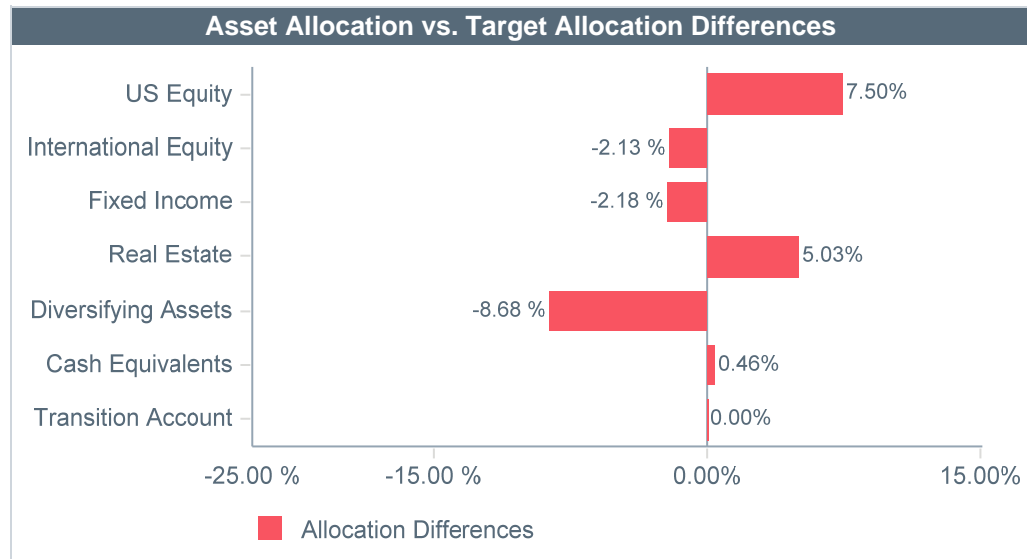


Asset Allocation by Asset Class, Asset Allocation vs. Target, and Schedule of Investable Assets



**Asset Allocation vs. Target Allocation**

	Market Value (\$)	Allocation (%)	Min (%)	Target (%)	Max (%)
<b>Total Fund</b>	<b>2,334,024,164</b>	<b>100.00</b>	<b>-</b>	<b>100.00</b>	<b>-</b>
US Equity	875,283,639	37.50	20.00	30.00	40.00
International Equity	487,073,704	20.87	13.00	23.00	25.00
Fixed Income	415,844,044	17.82	10.00	20.00	30.00
Real Estate	467,452,710	20.03	0.00	15.00	20.00
Diversifying Assets	77,599,040	3.32	0.00	12.00	20.00
Cash Equivalents	10,723,648	0.46	0.00	0.00	10.00
Transition Account	47,378	0.00	0.00	0.00	0.00

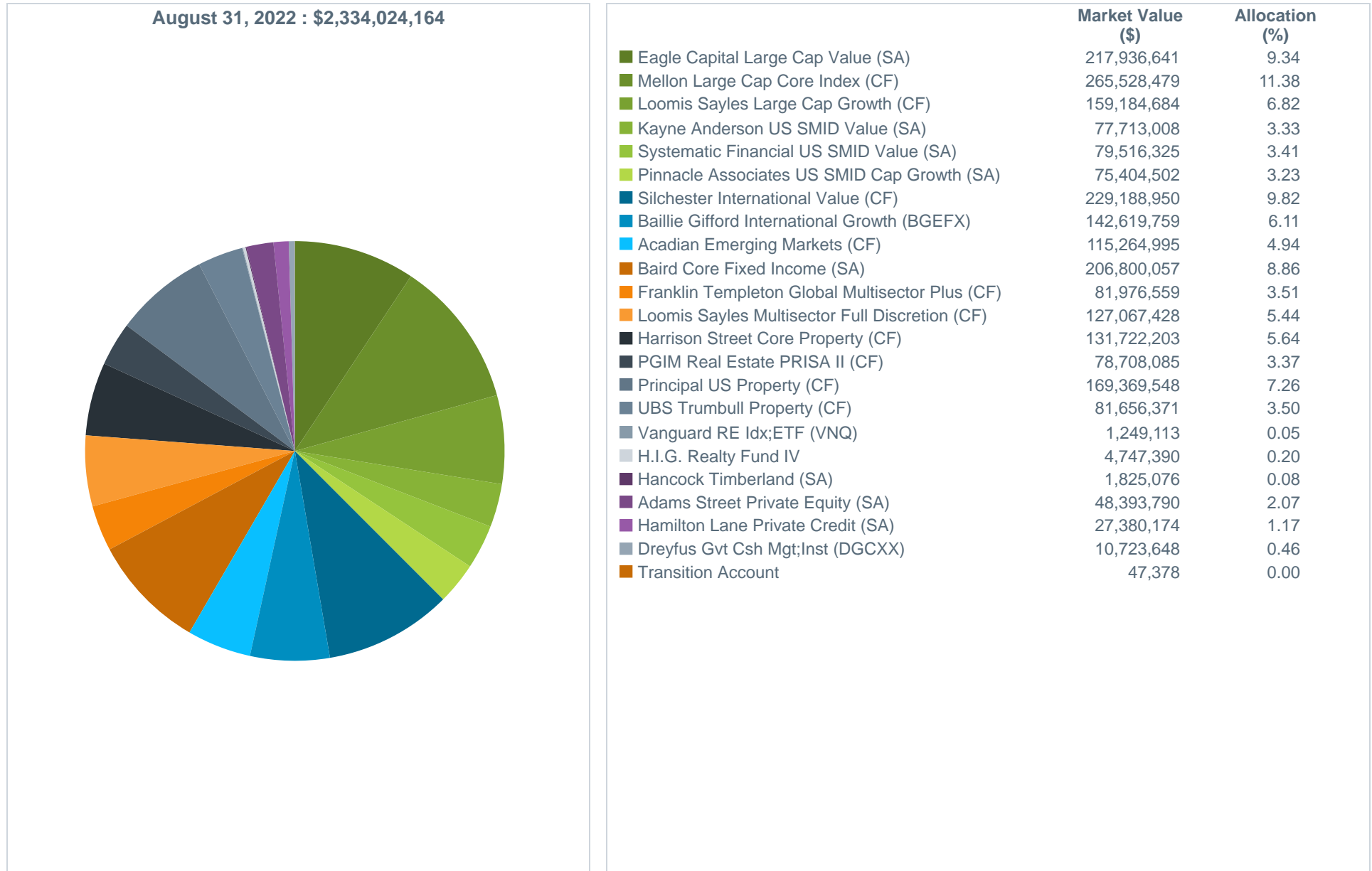


**Schedule of Investable Assets**

Periods Ending	Beginning Market Value (\$)	Net Cash Flow (\$)	Gain/Loss (\$)	Ending Market Value (\$)	% Return
CYTD	2,664,636,142	1,645,343	-332,257,322	2,334,024,164	-12.46

Market values and performance shown are preliminary and subject to change. Performance shown is net of fees. Allocations shown may not sum up to 100% exactly due to rounding.





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City of Jacksonville Employees' Retirement System  
Asset Allocation & Performance (Net of Fees)

As of August 31, 2022

	Allocation		Performance (%)										
	Market Value (\$)	%	MTD	QTD	CYTD	FYTD	1 Year	3 Years	5 Years	7 Years	10 Years	Since Incep.	Inception Date
<b>Total Fund</b>	<b>2,334,024,164</b>	<b>100.00</b>	<b>-2.62</b>	<b>2.42</b>	<b>-12.46</b>	<b>-9.70</b>	<b>-12.14</b>	<b>5.55</b>	<b>4.98</b>	<b>6.36</b>	<b>7.52</b>	<b>6.02</b>	<b>07/01/1999</b>
Total Fund Policy Index			-2.72	2.02	-11.25	-6.67	-7.47	5.86	5.75	6.65	7.38	5.74	
Difference			0.10	0.40	-1.21	-3.03	-4.67	-0.31	-0.77	-0.29	0.14	0.28	
<b>Total Equity</b>	<b>1,362,357,343</b>	<b>58.37</b>	<b>-3.76</b>	<b>3.12</b>	<b>-20.48</b>	<b>-18.03</b>	<b>-21.48</b>	<b>7.18</b>	<b>6.11</b>	<b>8.17</b>	<b>9.51</b>	<b>5.99</b>	<b>07/01/1999</b>
<b>US Equity</b>	<b>875,283,639</b>	<b>37.50</b>	<b>-3.55</b>	<b>5.46</b>	<b>-19.89</b>	<b>-15.18</b>	<b>-18.68</b>	<b>9.64</b>	<b>9.37</b>	<b>10.08</b>	<b>11.60</b>	<b>6.73</b>	<b>07/01/1999</b>
US Equity Index			-3.73	5.30	-16.92	-9.21	-13.28	11.90	11.29	11.98	12.77	7.00	
Difference			0.18	0.16	-2.97	-5.97	-5.40	-2.26	-1.92	-1.90	-1.17	-0.27	
<b>International Equity</b>	<b>487,073,704</b>	<b>20.87</b>	<b>-4.14</b>	<b>-0.82</b>	<b>-21.52</b>	<b>-22.69</b>	<b>-26.05</b>	<b>3.28</b>	<b>1.07</b>	<b>5.08</b>	<b>5.93</b>	<b>5.17</b>	<b>07/01/1999</b>
International Equity Index			-3.22	0.10	-18.34	-16.86	-19.52	2.87	1.67	4.15	4.48	3.53	
Difference			-0.92	-0.92	-3.18	-5.83	-6.53	0.41	-0.60	0.93	1.45	1.64	
<b>Fixed Income</b>	<b>415,844,044</b>	<b>17.82</b>	<b>-2.40</b>	<b>-0.23</b>	<b>-11.12</b>	<b>-11.71</b>	<b>-12.59</b>	<b>-2.21</b>	<b>-0.28</b>	<b>0.97</b>	<b>1.29</b>	<b>4.31</b>	<b>07/01/1999</b>
Fixed Income Index			-2.60	-0.15	-11.07	-11.09	-11.85	-1.82	0.59	1.33	1.39	4.11	
Difference			0.20	-0.08	-0.05	-0.62	-0.74	-0.39	-0.87	-0.36	-0.10	0.20	
<b>Real Estate</b>	<b>467,452,710</b>	<b>20.03</b>	<b>0.11</b>	<b>3.22</b>	<b>13.93</b>	<b>21.62</b>	<b>22.69</b>	<b>10.03</b>	<b>8.52</b>	<b>8.62</b>	<b>9.10</b>	<b>6.48</b>	<b>12/01/2005</b>
Real Estate Index			0.00	0.00	12.01	20.59	28.32	11.67	9.55	9.35	10.16	7.10	
Difference			0.11	3.22	1.92	1.03	-5.63	-1.64	-1.03	-0.73	-1.06	-0.62	
<b>Core Real Estate</b>	<b>462,705,320</b>	<b>19.82</b>	<b>0.04</b>	<b>3.18</b>	<b>13.48</b>	<b>21.15</b>	<b>22.22</b>	<b>9.89</b>	<b>8.43</b>	<b>8.56</b>	<b>9.05</b>	<b>6.45</b>	<b>12/01/2005</b>
NCREIF ODCE Index (AWA) (Net)			0.00	0.00	12.00	20.58	28.31	11.66	9.55	9.35	10.15	7.09	
Difference			0.04	3.18	1.48	0.57	-6.09	-1.77	-1.12	-0.79	-1.10	-0.64	
<b>Non-Core Real Estate</b>	<b>4,747,390</b>	<b>0.20</b>	<b>7.15</b>	<b>7.15</b>	<b>72.24</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>72.24</b>	<b>04/01/2022</b>
NCREIF ODCE Index (AWA) (Net) (Monthly)+2%			0.17	0.33	13.49	22.79	30.87	13.90	11.74	11.53	12.36	5.40	
Difference			6.98	6.82	58.75	N/A	N/A	N/A	N/A	N/A	N/A	66.84	
<b>Diversifying Assets</b>	<b>77,599,040</b>	<b>3.32</b>	<b>0.17</b>	<b>0.15</b>	<b>22.73</b>	<b>39.31</b>	<b>43.05</b>	<b>15.45</b>	<b>9.00</b>	<b>6.32</b>	<b>7.74</b>	<b>8.42</b>	<b>03/01/2011</b>
Diversifying Assets Index			-2.80	3.40	-10.79	-4.81	-2.61	-0.83	0.24	0.06	2.24	2.68	
Difference			2.97	-3.25	33.52	44.12	45.66	16.28	8.76	6.26	5.50	5.74	

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Asset Allocation & Performance (Net of Fees)

As of August 31, 2022

	Allocation		Performance (%)										
	Market Value (\$)	%	MTD	QTD	CYTD	FYTD	1 Year	3 Years	5 Years	7 Years	10 Years	Since Incep.	Inception Date
<b>US Equity</b>													
<b>Eagle Capital Large Cap Value (SA)</b>	<b>217,936,641</b>	<b>9.34</b>	<b>-3.01</b>	<b>5.70</b>	<b>-22.87</b>	<b>-20.41</b>	<b>-23.46</b>	<b>7.94</b>	<b>8.87</b>	<b>10.14</b>	<b>12.00</b>	<b>9.58</b>	<b>02/01/2007</b>
Russell 1000 Val Index			-2.98	3.45	-9.85	-2.84	-6.23	8.87	7.86	9.10	10.52	6.42	
Difference			-0.03	2.25	-13.02	-17.57	-17.23	-0.93	1.01	1.04	1.48	3.16	
<b>Mellon Large Cap Core Index (CF)</b>	<b>265,528,479</b>	<b>11.38</b>	<b>-3.84</b>	<b>5.12</b>	<b>-16.91</b>	<b>-8.78</b>	<b>-12.95</b>	<b>12.08</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>10.77</b>	<b>05/01/2019</b>
Russell 1000 Index			-3.84	5.12	-16.90	-8.77	-12.96	12.14	11.61	12.26	12.98	10.82	
Difference			0.00	0.00	-0.01	-0.01	0.01	-0.06	N/A	N/A	N/A	-0.05	
<b>Loomis Sayles Large Cap Growth (CF)</b>	<b>159,184,684</b>	<b>6.82</b>	<b>-4.69</b>	<b>5.73</b>	<b>-24.68</b>	<b>-19.61</b>	<b>-24.82</b>	<b>8.96</b>	<b>11.14</b>	<b>N/A</b>	<b>N/A</b>	<b>10.94</b>	<b>08/01/2017</b>
Russell 1000 Grth Index			-4.66	6.78	-23.19	-14.25	-19.06	14.51	14.78	15.00	15.09	14.93	
Difference			-0.03	-1.05	-1.49	-5.36	-5.76	-5.55	-3.64	N/A	N/A	-3.99	
<b>Kayne Anderson US SMID Value (SA)</b>	<b>77,713,008</b>	<b>3.33</b>	<b>-3.54</b>	<b>5.25</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>-6.59</b>	<b>03/01/2022</b>
Russell 2500 Val Index			-3.14	6.24	-11.46	-5.83	-8.34	9.93	7.03	8.41	9.88	-8.22	
Difference			-0.40	-0.99	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.63	
<b>Systematic Financial US SMID Value (SA)</b>	<b>79,516,325</b>	<b>3.41</b>	<b>-3.86</b>	<b>3.89</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>-10.23</b>	<b>03/01/2022</b>
Russell 2500 Val Index			-3.14	6.24	-11.46	-5.83	-8.34	9.93	7.03	8.41	9.88	-8.22	
Difference			-0.72	-2.35	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-2.01	
<b>Pinnacle Associates US SMID Cap Growth (SA)</b>	<b>75,404,502</b>	<b>3.23</b>	<b>-1.26</b>	<b>7.36</b>	<b>-20.07</b>	<b>-17.39</b>	<b>-19.17</b>	<b>12.35</b>	<b>9.02</b>	<b>10.64</b>	<b>12.16</b>	<b>12.57</b>	<b>03/01/2010</b>
Russell 2500 Grth Index			-1.90	9.29	-22.89	-22.74	-25.68	7.27	9.12	9.37	11.56	12.14	
Difference			0.64	-1.93	2.82	5.35	6.51	5.08	-0.10	1.27	0.60	0.43	
<b>International Equity</b>													
<b>Silchester International Value (CF)</b>	<b>229,188,950</b>	<b>9.82</b>	<b>-4.91</b>	<b>-2.42</b>	<b>-13.07</b>	<b>-13.10</b>	<b>-14.34</b>	<b>3.34</b>	<b>1.02</b>	<b>4.04</b>	<b>6.70</b>	<b>7.62</b>	<b>06/01/2009</b>
MSCI EAFE Val Index (USD) (Net)			-3.37	-1.36	-13.31	-12.30	-13.91	1.89	-0.29	1.85	3.70	3.98	
Difference			-1.54	-1.06	0.24	-0.80	-0.43	1.45	1.31	2.19	3.00	3.64	
<b>Baillie Gifford International Growth (BGEFX)</b>	<b>142,619,759</b>	<b>6.11</b>	<b>-5.58</b>	<b>1.90</b>	<b>-33.86</b>	<b>-36.86</b>	<b>-41.69</b>	<b>3.72</b>	<b>3.39</b>	<b>7.69</b>	<b>7.88</b>	<b>8.57</b>	<b>06/01/2009</b>
Baillie Gifford Index			-3.90	1.39	-23.75	-21.94	-25.30	2.78	2.81	4.61	5.88	6.44	
Difference			-1.68	0.51	-10.11	-14.92	-16.39	0.94	0.58	3.08	2.00	2.13	
Baillie Gifford Spliced Index			-3.22	0.10	-18.34	-16.86	-19.52	3.08	2.04	3.82	5.21	5.53	
Difference			-2.36	1.80	-15.52	-20.00	-22.17	0.64	1.35	3.87	2.67	3.04	
<b>Acadian Emerging Markets (CF)</b>	<b>115,264,995</b>	<b>4.94</b>	<b>-0.65</b>	<b>-0.86</b>	<b>-18.46</b>	<b>-17.88</b>	<b>-21.32</b>	<b>4.38</b>	<b>-0.35</b>	<b>5.01</b>	<b>2.94</b>	<b>2.02</b>	<b>02/01/2011</b>
MSCI Emg Mkts Index (USD) (Net)			0.42	0.17	-17.49	-18.57	-21.80	2.74	0.59	5.29	2.92	1.44	
Difference			-1.07	-1.03	-0.97	0.69	0.48	1.64	-0.94	-0.28	0.02	0.58	

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	Market Value (\$)	%	MTD	QTD	CYTD	FYTD	1 Year	3 Years	5 Years	7 Years	10 Years	Since Incep.	Inception Date
<b>Fixed Income</b>													
<b>Baird Core Fixed Income (SA)</b>	<b>206,800,057</b>	<b>8.86</b>	<b>-2.60</b>	<b>-0.44</b>	<b>-11.18</b>	<b>-11.39</b>	<b>-12.11</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>-7.04</b>	<b>03/01/2021</b>
Bloomberg US Agg Bond Index			-2.83	-0.45	-10.75	-10.74	-11.52	-2.00	0.52	1.28	1.35	-6.92	
Difference			0.23	0.01	-0.43	-0.65	-0.59	N/A	N/A	N/A	N/A	-0.12	
<b>Franklin Templeton Global Multisector Plus (CF)</b>	<b>81,976,559</b>	<b>3.51</b>	<b>-2.57</b>	<b>-1.44</b>	<b>-11.40</b>	<b>-13.59</b>	<b>-15.53</b>	<b>-6.45</b>	<b>-4.60</b>	<b>-1.99</b>	<b>-0.75</b>	<b>3.41</b>	<b>09/01/2007</b>
Frank. Temp. Global Multisector Index			-3.82	-1.70	-15.43	-16.03	-17.52	-4.26	-1.38	0.35	-0.11	2.10	
Difference			1.25	0.26	4.03	2.44	1.99	-2.19	-3.22	-2.34	-0.64	1.31	
<b>Loomis Sayles Multisector Full Discretion (CF)</b>	<b>127,067,428</b>	<b>5.44</b>	<b>-1.95</b>	<b>0.93</b>	<b>-10.84</b>	<b>-10.98</b>	<b>-11.40</b>	<b>0.93</b>	<b>2.46</b>	<b>3.63</b>	<b>4.16</b>	<b>5.52</b>	<b>10/01/2007</b>
Bloomberg Gbl Agg Bond Index			-3.95	-1.90	-15.55	-16.12	-17.61	-4.39	-1.46	0.18	-0.28	1.77	
Difference			2.00	2.83	4.71	5.14	6.21	5.32	3.92	3.45	4.44	3.75	
<b>Real Estate</b>													
<b>Harrison Street Core Property (CF)</b>	<b>131,722,203</b>	<b>5.64</b>	<b>0.00</b>	<b>6.18</b>	<b>11.60</b>	<b>14.72</b>	<b>14.72</b>	<b>9.06</b>	<b>8.42</b>	<b>N/A</b>	<b>N/A</b>	<b>8.32</b>	<b>11/01/2015</b>
NCREIF ODCE Index (AWA) (Net)			0.00	0.00	12.00	20.58	28.31	11.66	9.55	9.35	10.15	9.04	
Difference			0.00	6.18	-0.40	-5.86	-13.59	-2.60	-1.13	N/A	N/A	-0.72	
<b>PGIM Real Estate PRISA II (CF)</b>	<b>78,708,085</b>	<b>3.37</b>	<b>0.00</b>	<b>4.34</b>	<b>19.28</b>	<b>27.91</b>	<b>27.91</b>	<b>12.07</b>	<b>10.20</b>	<b>10.24</b>	<b>N/A</b>	<b>10.24</b>	<b>01/01/2015</b>
NCREIF ODCE Index (AWA) (Net)			0.00	0.00	12.00	20.58	28.31	11.66	9.55	9.35	10.15	9.44	
Difference			0.00	4.34	7.28	7.33	-0.40	0.41	0.65	0.89	N/A	0.80	
<b>Principal US Property (CF)</b>	<b>169,369,548</b>	<b>7.26</b>	<b>0.17</b>	<b>0.15</b>	<b>10.78</b>	<b>21.92</b>	<b>25.15</b>	<b>11.68</b>	<b>10.01</b>	<b>9.94</b>	<b>N/A</b>	<b>10.58</b>	<b>01/01/2014</b>
NCREIF ODCE Index (AWA) (Net)			0.00	0.00	12.00	20.58	28.31	11.66	9.55	9.35	10.15	9.67	
Difference			0.17	0.15	-1.22	1.34	-3.16	0.02	0.46	0.59	N/A	0.91	
<b>UBS Trumbull Property (CF)</b>	<b>81,656,371</b>	<b>3.50</b>	<b>0.00</b>	<b>3.88</b>	<b>17.47</b>	<b>24.56</b>	<b>24.56</b>	<b>7.42</b>	<b>5.60</b>	<b>5.99</b>	<b>7.13</b>	<b>5.64</b>	<b>12/01/2005</b>
NCREIF ODCE Index (AWA) (Net)			0.00	0.00	12.00	20.58	28.31	11.66	9.55	9.35	10.15	7.09	
Difference			0.00	3.88	5.47	3.98	-3.75	-4.24	-3.95	-3.36	-3.02	-1.45	
<b>Vanguard RE Idx;ETF (VNQ)</b>	<b>1,249,113</b>	<b>0.05</b>	<b>-6.01</b>	<b>2.08</b>	<b>-18.89</b>	<b>-6.72</b>	<b>-12.00</b>	<b>3.65</b>	<b>5.80</b>	<b>7.37</b>	<b>7.34</b>	<b>12.01</b>	<b>12/01/2008</b>
Custom REITs Index			-6.03	2.13	-18.77	-6.64	-11.91	3.77	6.34	7.78	7.76	12.76	
Difference			0.02	-0.05	-0.12	-0.08	-0.09	-0.12	-0.54	-0.41	-0.42	-0.75	
<b>H.I.G. Realty Fund IV</b>	<b>4,747,390</b>	<b>0.20</b>	<b>7.15</b>	<b>7.15</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>72.24</b>	<b>04/01/2022</b>
NCREIF ODCE Index (AWA) (Net) (Monthly)+2%			0.17	0.33	13.49	22.79	30.87	13.90	11.74	11.53	12.36	5.40	
Difference			6.98	6.82	N/A	N/A	N/A	N/A	N/A	N/A	N/A	66.84	

Market values and performance shown are preliminary and subject to change. Performance shown is net of fees and is annualized for periods greater than one year. Allocations may not sum up to 100% due to the exclusion of managers in liquidation. Please see the addendum for custom benchmark definitions. Fiscal year for the COJ ends 09/30. Performance for Harrison Street Core Property, LP, H.I.G Realty Fund IV (CF), PGIM Real Estate PRISA II LP (CF), UBS Trumbull Property (CF), NCREIF ODCE Index (AWA) (Net), NCREIF Timberland Index, and Adams Street, LP is available quarterly; interim months assume a 0.00% return. Asset Valuations for Real Estate and Diversifying Assets are lagged/unlagged as reported by the System's book of record, BNY Mellon.



City of Jacksonville Employees' Retirement System  
Asset Allocation & Performance (Net of Fees)

As of August 31, 2022

	Allocation		Performance (%)										
	Market Value (\$)	%	MTD	QTD	CYTD	FYTD	1 Year	3 Years	5 Years	7 Years	10 Years	Since Incep.	Inception Date
<b>Diversifying Assets</b>													
<b>Hancock Timberland (SA)</b>	<b>1,825,076</b>	<b>0.08</b>	<b>0.09</b>	<b>0.13</b>	<b>37.37</b>	<b>42.70</b>	<b>42.70</b>	<b>22.28</b>	<b>14.66</b>	<b>12.48</b>	<b>11.63</b>	<b>6.75</b>	<b>10/01/2006</b>
NCREIF Timberland Index			0.00	0.00	5.13	9.93	12.01	5.03	4.32	4.05	5.73	5.52	
Difference			0.09	0.13	32.24	32.77	30.69	17.25	10.34	8.43	5.90	1.23	
<b>Adams Street Private Equity (SA)</b>	<b>48,393,790</b>	<b>2.07</b>	<b>0.00</b>	<b>0.00</b>	<b>25.84</b>	<b>55.56</b>	<b>55.56</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>38.15</b>	<b>11/01/2020</b>
S&P 500 Index+3%			-3.84	5.28	-14.48	-4.34	-8.56	15.77	15.18	15.93	16.47	16.00	
Difference			3.84	-5.28	40.32	59.90	64.12	N/A	N/A	N/A	N/A	22.15	
<b>Hamilton Lane Private Credit (SA)</b>	<b>27,380,174</b>	<b>1.17</b>	<b>0.51</b>	<b>0.39</b>	<b>4.07</b>	<b>5.75</b>	<b>6.72</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>-3.42</b>	<b>04/01/2021</b>
ICE BofAML Gbl Hi Yld Index +2%			-1.81	2.70	-13.63	-13.86	-14.46	0.91	2.85	5.26	5.72	-7.96	
Difference			2.32	-2.31	17.70	19.61	21.18	N/A	N/A	N/A	N/A	4.54	
<b>Dreyfus Gvt Csh Mgt;Inst (DGCXX)</b>	<b>10,723,648</b>	<b>0.46</b>	<b>0.18</b>	<b>0.32</b>	<b>0.57</b>	<b>0.67</b>	<b>0.67</b>	<b>0.66</b>	<b>1.18</b>	<b>0.97</b>	<b>0.71</b>	<b>1.32</b>	<b>04/01/2001</b>
FTSE 3 Mo T-Bill Index			0.15	0.25	0.43	0.44	0.44	0.56	1.10	0.90	0.64	1.29	
Difference			0.03	0.07	0.14	0.23	0.23	0.10	0.08	0.07	0.07	0.03	

Private equity funds tend to underperform in the early stages of their maturity; returns tend to improve as funds mature.

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**Performance Related Comments:**

- Performance is annualized for periods greater than one year.
- Performance and market values shown are preliminary and subject to change.
- The inception date shown indicates the first full month of performance following initial funding.
- The market value shown for the Transition Account includes residual assets from terminated managers.
- RVK began monitoring the assets of the City of Jacksonville Retirement System on 01/01/2019. Prior historical data was provided by the custodian and previous consultant.
- Franklin Templeton Global Multisector Plus (CF) performance prior to 03/2016 is represented by Templeton Global Total Return (SICAV).

**Custom Composite Benchmark Comments:**

- **Total Fund Policy Index:** The passive Total Fund Policy Index is calculated monthly and currently consists of 30% Russell 3000 Index, 23% MSCI ACW Ex US Index (USD) (Net), 20% Fixed Income Index, 15% Real Estate Index, and 12% Diversifying Assets Index.
- **US Equity Index:** The passive US Equity Index consists of 100% DJ US TSM Index through 06/2009 and 100% Russell 3000 Index thereafter.
- **International Equity Index:** The passive International Equity Index consists of 100% MSCI EAFE Index (USD) (Gross) through 01/2011 and 100% MSCI ACW Ex US Index (USD) (Net) thereafter.
- **Fixed Income Index:** The passive Fixed Income Index consists of 100% Bloomberg US Agg Bond Index through 10/2017 and 100% Bloomberg US Universal Bond Index thereafter.
- **Real Estate Index:** The active Real Estate Index is calculated monthly using beginning of month investment weights applied to each corresponding primary benchmark return.
- **Diversifying Assets Index:** The active Diversifying Assets Index is calculated monthly using beginning of month investment weights applied to each corresponding primary benchmark return. Prior to 10/01/2020, the Diversifying Assets Index consists of 67% S&P MLP Index (TR)/33% NCREIF Timberland Index. Prior to 11/01/2017, the Diversifying Assets Index consists 50% S&P MLP Index (TR)/50% NCREIF Timberland Index.

**Custom Manager Benchmark Comments:**

- **Baillie Gifford Index:** The passive Baillie Gifford Index consists of 100% MSCI EAFE Grth Index (USD) (Net) through 10/2017 and 100% MSCI ACW Ex US Grth Index (USD) (Net) thereafter.
- **Baillie Gifford Spliced Index:** The passive Baillie Gifford Spliced Index consists of 100% MSCI EAFE Index (USD) (Net) through 11/2019 and 100% MSCI ACW Ex US Index (USD) (Net) thereafter.
- **Frank. Temp. Global Multisector Index:** The passive Frank. Temp. Global Multisector Index consists of 100% ICE BofAML Gbl Hi Yld Index through 12/2009 and 100% Bloomberg Multiverse Index thereafter.
- **Custom REITs Index:** The passive Custom REITs Index consists of 100% MSCI US REIT Index (USD) (Gross) through 01/2019 and 100% Vanguard Spl Real Estate Index thereafter.
- **Vanguard Spliced Real Estate Index:** The Vanguard Spl Real Estate Index consists of MSCI US REIT Index (USD) (Gross) adjusted to include a 2% cash position (Lipper Money Market Average) through 04/30/2009, MSCI US REIT Index (USD) (Gross) through 01/31/2018, MSCI US IM Real Estate 25/50 Transition Index through 07/24/2018, and MSCI US IM Real Estate 25/50 Index (Gross) thereafter.

PORTLAND

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