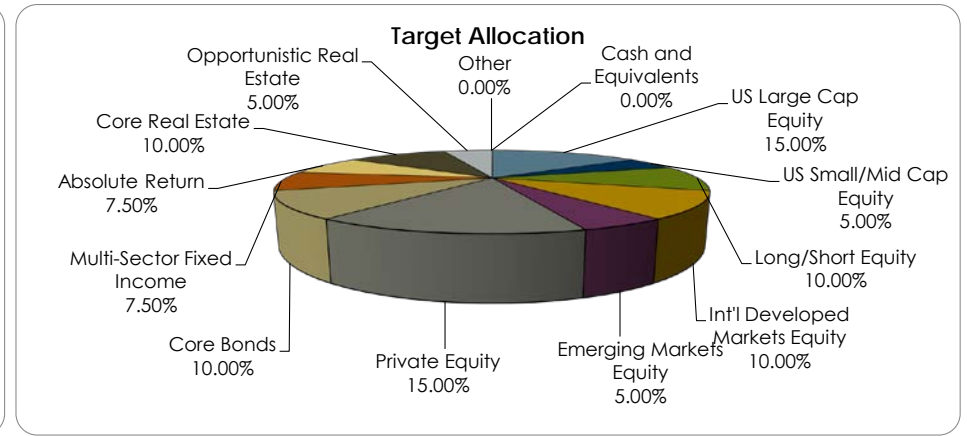
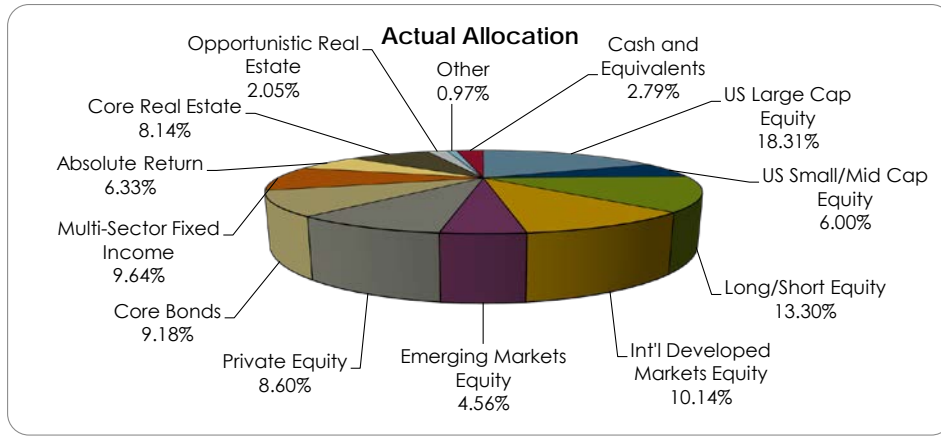


## Oklahoma Police Pension & Retirement System

For the Periods Ending October 31, 2019



Asset Class	Market Value (\$000s)	Actual Allocation (%)	Target Allocation (%)	Over/Under (%)	Range Min - Max (%)	
<b>Total Portfolio</b>	<b>2,633,074</b>	<b>100.00</b>	<b>100.00</b>			
<b>Equity</b>	<b>1,603,434</b>	<b>60.90</b>	<b>60.00</b>	<b>0.90</b>	<b>50.00</b>	<b>70.00</b>
US Large Cap Equity	482,078	18.31	15.00	3.31	10.00	20.00
US Small/Mid Cap Equity	157,996	6.00	5.00	1.00	0.00	15.00
Long/Short Equity	350,100	13.30	10.00	3.30	5.00	15.00
Int'l Developed Markets Equity	266,899	10.14	10.00	0.14	5.00	15.00
Emerging Markets Equity	120,020	4.56	5.00	-0.44	0.00	10.00
Private Equity	226,341	8.60	15.00	-6.40	5.00	20.00
<b>Fixed Income</b>	<b>662,249</b>	<b>25.15</b>	<b>25.00</b>	<b>0.15</b>	<b>15.00</b>	<b>35.00</b>
Core Bonds	241,744	9.18	10.00	-0.82	5.00	15.00
Multi-Sector Fixed Income	253,791	9.64	7.50	2.14	2.50	12.50
Absolute Return	166,713	6.33	7.50	-1.17	2.50	12.50
<b>Real Assets</b>	<b>293,798</b>	<b>11.16</b>	<b>15.00</b>	<b>-3.84</b>	<b>10.00</b>	<b>20.00</b>
Core Real Estate	214,246	8.14	10.00	-1.86	5.00	15.00
Opportunistic Real Estate	53,916	2.05	5.00	-2.95	0.00	10.00
Other	25,636	0.97	0.00	0.97	--	--
<b>Cash and Equivalents</b>	<b>73,592</b>	<b>2.79</b>	<b>0.00</b>	<b>2.79</b>		

## Oklahoma Police Pension & Retirement System

For the Periods Ending October 31, 2019

	Market Value (\$000s)	Actual Allocation (%)	1 Month (%)	FYTD (%)	YTD (%)	1 Year (%)	3 Years (%)	5 Years (%)	10 Years (%)	Since Inception (%)
Total Portfolio (08/85)	2,633,074	100.00	1.34	1.74	11.56	8.10	8.14	6.17	7.90	8.21
Total Portfolio Net of Fees (06/05) *			1.31	1.62	11.18	7.68	7.70	5.72	7.49	--
Total Fund Policy <sup>1</sup>			1.74	2.37	14.73	11.23	8.71	5.95	8.45	--
Equity (01/98)	1,603,434	60.90	2.02	2.47	16.04	10.42	10.77	7.89	9.80	6.68
MSCI ACWI			2.76	2.87	19.94	13.22	11.93	7.66	9.39	6.43
Fixed Income (01/98)	662,249	25.15	0.27	1.34	6.97	7.16	3.91	3.08	4.53	5.63
BloomBar Universal			0.32	2.45	9.15	11.36	3.57	3.49	4.11	5.16
Real Assets (01/98)	293,798	11.16	0.45	0.46	2.62	1.23	5.67	4.84	5.53	5.60
Real Assets Blended Index			0.67	0.78	3.85	2.35	4.06	1.41	5.67	5.85
OK Invest (12/09)	24,021	0.91	0.22	0.76	2.05	2.46	2.11	2.02	--	2.43
Cash and Miscellaneous (01/98) <sup>2</sup>	49,571	1.88	0.07	0.62	1.89	2.18	1.57	2.08	1.73	3.02

<sup>1</sup> Total Fund Policy: Effective September 2019, the index consists of 60.0% MSCI ACWI, 25.0% BloomBar Universal, 15.0% NFI ODCE Net.

<sup>2</sup> Cash includes holdings in miscellaneous equity securities.

The Fiscal Year End is June.

## Oklahoma Police Pension &amp; Retirement System

For the Periods Ending October 31, 2019

	Market Value (\$000s)	Actual Allocation (%)	1 Month (%)	FYTD (%)	YTD (%)	1 Year (%)	3 Years (%)	5 Years (%)	10 Years (%)	Since Inception (%)
<b>Equity (01/98)</b>	<b>1,603,434</b>	<b>60.90</b>	<b>2.02</b>	<b>2.47</b>	<b>16.04</b>	<b>10.42</b>	<b>10.77</b>	<b>7.89</b>	<b>9.80</b>	<b>6.68</b>
<i>MSCI ACWI</i>			2.76	2.87	19.94	13.22	11.93	7.66	9.39	6.43
<b>US Large Cap Equity</b>	<b>482,078</b>	<b>18.31</b>	--	--	--	--	--	--	--	--
Northern Trust Russell 1000 Index Fund (08/98) <sup>1</sup>	<b>482,078</b>	<b>18.31</b>	2.12	3.57	23.09	14.19	14.73	10.55	13.73	7.11
<i>Russell 1000</i>			2.12	3.57	23.09	14.15	14.73	10.55	13.72	7.04
<b>US Small/Mid Cap Equity</b>	<b>157,996</b>	<b>6.00</b>	--	--	--	--	--	--	--	--
Boston Partners (01/98)	<b>77,958</b>	<b>2.96</b>	1.21	2.83	22.80	9.16	9.02	7.10	12.18	9.20
<i>Russell 2500 Value</i>			1.44	1.57	17.07	6.10	8.47	6.36	11.85	8.56
Silvercrest (02/14)	<b>80,038</b>	<b>3.04</b>	3.66	-1.92	14.00	2.26	16.18	10.97	--	7.36
<i>Russell 2000 Growth</i>			2.85	-1.45	18.62	6.40	13.22	8.38	13.38	7.93
<b>Long/Short Equity</b>	<b>350,100</b>	<b>13.30</b>	--	--	--	--	--	--	--	--
Grosvenor (11/03)	<b>350,100</b>	<b>13.30</b>	1.34	0.45	11.33	7.09	6.84	5.10	5.93	5.06
<i>MSCI ACWI</i>			2.76	2.87	19.94	13.22	11.93	7.66	9.39	8.04
<i>HFRI FOF: Strategic</i>			0.93	-0.69	6.84	4.16	3.72	2.26	2.93	3.45
<b>Int'l Developed Markets Equity</b>	<b>266,899</b>	<b>10.14</b>	--	--	--	--	--	--	--	--
Barings Focused EAFE Plus Equity (03/12)	<b>122,003</b>	<b>4.63</b>	2.01	1.18	16.16	7.84	9.00	6.93	--	5.44
<i>MSCI ACWI ex US</i>			3.50	1.74	15.98	11.84	8.60	4.31	5.43	5.24
<i>MSCI EAFE NetDiv</i>			3.59	2.48	16.86	11.04	8.48	4.31	5.41	5.90
Mondrian Int'l Value (05/04)	<b>144,895</b>	<b>5.50</b>	5.01	2.91	13.68	9.09	7.95	4.16	5.66	6.39
<i>MSCI EAFE Value</i>			3.62	1.92	12.23	6.20	6.90	2.72	4.43	5.27
<b>Emerging Markets Equity</b>	<b>120,020</b>	<b>4.56</b>	--	--	--	--	--	--	--	--
AB EM Strategic Core Equity Fund (11/16)	<b>80,685</b>	<b>3.06</b>	2.75	0.52	10.72	9.67	4.98	--	--	4.98
<i>MSCI Emerging Markets</i>			4.23	-0.05	10.71	12.29	7.76	3.32	4.14	7.76
Wasatch EM Small Cap (09/12)	<b>39,335</b>	<b>1.49</b>	7.77	9.28	25.33	34.22	9.01	4.96	--	5.37
<i>MSCI EM SC</i>			3.86	-0.73	6.05	10.13	3.46	1.29	3.84	3.48
<b>Private Equity (07/03)</b>	<b>226,341</b>	<b>8.60</b>	<b>-0.39</b>	<b>3.69</b>	<b>8.72</b>	<b>10.85</b>	<b>11.83</b>	<b>10.80</b>	<b>12.10</b>	<b>11.94</b>

<sup>1</sup> Performance data prior to October 31, 2014 is reflective of the Mellon Capital Passive Index fund. Due to contributions and withdrawals in this account, the returns may differ from the performance of the fund.

## Oklahoma Police Pension &amp; Retirement System

For the Periods Ending October 31, 2019

	Market Value (\$000s)	Actual Allocation (%)	1 Month (%)	FYTD (%)	YTD (%)	1 Year (%)	3 Years (%)	5 Years (%)	10 Years (%)	Since Inception (%)
<b>Fixed Income (01/98)</b>	<b>662,249</b>	<b>25.15</b>	<b>0.27</b>	<b>1.34</b>	<b>6.97</b>	<b>7.16</b>	<b>3.91</b>	<b>3.08</b>	<b>4.53</b>	<b>5.63</b>
<i>BloomBar Universal</i>			0.32	2.45	9.15	11.36	3.57	3.49	4.11	5.16
<b>Core Bonds</b>	<b>241,744</b>	<b>9.18</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>
Agincourt (10/99)	241,744	9.18	0.34	2.70	9.60	12.04	3.82	3.70	4.37	5.42
<i>BloomBar US Aggregate</i>			0.30	2.58	8.85	11.51	3.29	3.24	3.73	5.01
<b>Multi-Sector Fixed Income</b>	<b>253,791</b>	<b>9.64</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>
Oaktree Global Credit Fund (02/98) <sup>1</sup>	128,019	4.86	-0.05	-0.67	6.46	4.29	4.35	4.16	6.68	6.77
<i>Custom Blended Index</i> <sup>2</sup>			0.24	0.91	8.45	5.63	1.44	2.12	3.17	4.66
Loomis Sayles (06/08)	82,535	3.13	0.65	1.38	8.07	10.55	3.50	2.71	3.18	3.65
<i>FTSE World Govt Bond</i>			0.54	1.39	6.84	9.92	2.55	1.96	1.73	2.45
Private Credit (10/16)	43,237	1.64	0.11	2.50	6.24	5.87	8.08	--	--	7.86
<b>Absolute Return</b>	<b>166,713</b>	<b>6.33</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>
PAAMCO (10/02)	89,631	3.40	0.35	0.19	3.80	0.92	2.73	1.46	3.71	4.69
<i>HFRI FOF: Conservative</i>			0.45	0.37	5.04	3.20	3.20	2.32	2.75	3.03
Wellington Global Total Return (12/16)	77,083	2.93	0.09	1.04	3.58	4.34	--	--	--	4.38
<i>US T-Bills 90 Day + 4%</i>			0.52	2.09	5.39	6.49	5.66	5.06	4.58	5.70
<i>BloomBar US Aggregate</i>			0.30	2.58	8.85	11.51	3.29	3.24	3.73	4.24
<b>Real Assets (01/98)</b>	<b>293,798</b>	<b>11.16</b>	<b>0.45</b>	<b>0.46</b>	<b>2.62</b>	<b>1.23</b>	<b>5.67</b>	<b>4.84</b>	<b>5.53</b>	<b>5.60</b>
<i>Real Assets Blended Index</i>			0.67	0.78	3.85	2.35	4.06	1.41	5.67	5.85
<i>Bloomberg Commodity</i>			2.02	0.15	5.22	-2.58	-0.68	-6.65	-4.44	0.38
<i>NFI ODCE Net</i>			0.00	1.08	3.08	4.65	6.34	8.35	9.84	7.74
<b>Core Real Estate</b>	<b>214,246</b>	<b>8.14</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>
JP Morgan (12/07)	130,273	4.95	0.64	1.09	2.71	3.91	6.50	8.79	10.71	5.75
<i>NFI ODCE Net</i>			0.00	1.08	3.08	4.65	6.34	8.35	9.84	4.45
Blackstone Property Partners (01/15)	83,974	3.19	0.00	1.34	5.09	8.27	10.13	--	--	12.16
<i>NFI ODCE Net</i>			0.00	1.08	3.08	4.65	6.34	8.35	9.84	7.99
<b>Opportunistic Real Estate</b>	<b>53,916</b>	<b>2.05</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>
Private Real Estate (08/11)	49,068	1.86	1.44	4.74	9.07	9.96	10.83	11.60	--	9.39
Columbus Square (01/98)	4,848	0.18	0.46	1.54	4.46	5.47	7.60	8.16	11.25	13.04
<b>Other (10/19)</b>	<b>25,636</b>	<b>0.97</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>
Mount Lucas Composite (01/98)	25,636	0.97	-0.91	-3.90	-9.61	-16.80	-1.54	-0.59	-0.32	4.76
<b>Cash and Miscellaneous Securities</b>	<b>73,592</b>	<b>2.79</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>
OK Invest (12/09)	24,021	0.91	0.22	0.76	2.05	2.46	2.11	2.02	--	2.43
Cash and Miscellaneous (01/98) <sup>4</sup>	49,571	1.88	0.07	0.62	1.89	2.18	1.57	2.08	1.73	3.02

<sup>1</sup> On November 1, 2018 Oaktree's Portfolio transitioned to the Oaktree Global Credit Fund.

<sup>2</sup> Custom Blended Index: Effective November 2018, the index consists of 50.0% ICE BofA ML Global HY Const, 50.0% CSFB Leveraged Loan.  
Custom Blended Index History: Prior to November 2018, the index consisted of the BloomBar US Aggregate Bond Index.

<sup>3</sup> Performance results prior to June 2004 include previous strategy performance.

<sup>4</sup> Cash includes holdings in miscellaneous equity securities and \$25M from the Grosvenor sale, which was effective 09/30/19.

## Private Equity - Active Funds

For the Period Ending October 31, 2019

## Summary of Cash Flows for 6 Months

Cash Outflows	Cash Inflows	Net Cash Flows
-22,166,706	20,049,453	-2,117,253

## Summary of Portfolio Inception to Date (Category totals include active and closed funds)

	Inception Date	Committed	Drawn to Date	Remaining Commitment	Distributions to Date	Adjusted Ending Value	Total Value	Total Value to Paid-in
<b>Total</b>	<b>Feb-98</b>	<b>750,700,000</b>	<b>582,481,664</b>	<b>192,680,626</b>	<b>649,729,262</b>	<b>226,341,318</b>	<b>876,070,580</b>	<b>1.50x</b>
<b>Buyout</b>	<b>Apr-99</b>	<b>253,200,000</b>	<b>200,400,216</b>	<b>64,496,863</b>	<b>253,254,940</b>	<b>61,339,464</b>	<b>314,594,404</b>	<b>1.57x</b>
Levine Leichtman	Feb-03	10,000,000	10,612,096	-	18,254,382	74,621	18,329,003	1.73x
Thompson Street C.P. II	Dec-06	10,000,000	10,020,777	655,026	19,113,247	1,976,325	21,089,572	2.10x
Arsenal Capital Partners II	Dec-06	15,000,000	14,991,977	668,860	29,926,943	5,068,515	34,995,458	2.33x
Sun Capital Partners V	May-07	12,500,000	12,500,000	-	11,216,347	3,050,127	14,266,474	1.14x
Calera Capital Fund IV	Apr-08	10,000,000	8,835,037	1,236,975	13,709,533	-	13,709,533	1.55x
Levine Leichtman IV	Sep-08	10,000,000	9,284,222	1,065,574	15,354,090	1,055,220	16,409,310	1.77x
Thompson Street Capital III	Oct-11	7,500,000	7,540,725	478,004	7,632,084	4,270,777	11,902,861	1.58x
Arsenal Capital Partners III	Apr-12	7,500,000	7,625,862	1,270,818	14,425,141	2,637,893	17,063,034	2.24x
Apollo Investment Fund VIII	Feb-14	7,500,000	7,469,849	1,210,605	3,194,210	6,539,904	9,734,114	1.30x
Francisco Partners Fund IV	Apr-15	8,000,000	7,796,000	204,000	5,004,000	9,585,398	14,589,398	1.87x
CenterOak Equity Fund I	Dec-15	7,500,000	6,216,138	1,871,684	2,082,465	5,728,032	7,810,497	1.26x
Thompson Street Capital Partners IV	Jan-16	7,500,000	7,106,957	964,390	1,546,342	7,478,093	9,024,435	1.27x
Leonard Green Equity Investors VII	May-17	7,500,000	5,232,902	2,334,215	67,117	5,947,062	6,014,179	1.15x
Francisco Partners Fund V	Jul-18	10,000,000	5,125,000	4,875,000	-	5,453,397	5,453,397	1.06x
Thompson Street Capital V	Aug-18	12,700,000	1,793,882	10,906,118	-	1,482,771	1,482,771	0.83x
Apollo Investment Fund IX	Mar-19	13,000,000	1,244,406	11,755,594	135	991,329	991,464	0.80x
Leonard Green VIII		15,000,000	-	15,000,000	-	-	-	-
Leonard Green Jade		10,000,000	-	10,000,000	-	-	-	-

## Private Equity - Active Funds

For the Period Ending October 31, 2019

## Summary of Portfolio Inception to Date (Category totals include active and closed funds)

	Inception Date	Committed	Drawn to Date	Remaining Commitment	Distributions to Date	Adjusted Ending Value	Total Value	Total Value to Paid-in
<b>Distressed</b>	Feb-98	<b>143,500,000</b>	<b>126,712,509</b>	<b>17,604,539</b>	<b>164,279,145</b>	<b>21,593,830</b>	<b>185,872,975</b>	<b>1.47x</b>
Oaktree Opportunities Fund V	Jun-04	4,000,000	4,000,000	-	6,608,433	2,045	6,610,478	1.65x
Oaktree Opportunities Fund VI	Aug-05	4,000,000	4,000,000	-	6,326,002	532	6,326,534	1.58x
Siguler Guff Dist Opp II	Sep-05	20,000,000	20,000,000	-	27,923,699	294,027	28,217,726	1.41x
Oaktree Opportunities VII A	Mar-07	7,500,000	7,500,000	-	10,086,712	321,330	10,408,042	1.39x
Oaktree Opportunities VII B	Jun-08	7,500,000	6,750,000	750,000	11,555,744	131,706	11,687,450	1.73x
Siguler Guff Dist Opp III	Sep-08	15,000,000	14,550,000	450,000	21,006,293	2,325,638	23,331,931	1.60x
Oaktree Opportunities VIII	Dec-09	7,500,000	7,500,000	-	10,585,573	315,703	10,901,276	1.45x
Oaktree Opportunities IX	Mar-13	7,500,000	7,500,000	-	3,592,158	5,301,248	8,893,406	1.19x
Oaktree European Dislocation Fund	Nov-13	7,500,000	4,293,000	3,207,000	4,570,399	270,478	4,840,877	1.13x
Oaktree Opportunities Fund X	Jul-15	7,500,000	6,975,000	1,275,000	1,667,949	7,067,154	8,735,103	1.25x
Apollo EPF III	Jan-18	10,000,000	5,138,593	5,360,039	498,631	4,755,071	5,253,702	1.02x
Oaktree Opportunities Fund Xb	Jun-18	7,500,000	937,500	6,562,500	-	808,898	808,898	0.86x
<b>Emerging Markets Focused</b>	Mar-12	<b>7,500,000</b>	<b>7,934,303</b>	<b>1,022,792</b>	<b>3,316,702</b>	<b>6,664,107</b>	<b>9,980,809</b>	<b>1.26x</b>
Actis EM IV	Mar-12	7,500,000	7,934,303	1,022,792	3,316,702	6,664,107	9,980,809	1.26x
<b>Mezzanine</b>	Mar-99	<b>49,500,000</b>	<b>51,446,479</b>	<b>4,726,007</b>	<b>72,685,668</b>	<b>1,402,407</b>	<b>74,088,075</b>	<b>1.44x</b>
TCW Crescent IV	Jun-06	10,000,000	9,873,180	1,921,076	11,226,828	21,910	11,248,738	1.14x
Newstone Capital Partners	Nov-06	5,000,000	7,114,989	-	9,069,321	-	9,069,321	1.27x
TCW Mezzanine Fund V	Mar-08	10,000,000	7,507,009	2,492,991	10,456,648	258,860	10,715,508	1.43x
Newstone Capital Partners II	Dec-10	7,500,000	10,036,257	311,940	11,278,697	1,121,637	12,400,334	1.24x
<b>Other</b>	Feb-13	<b>71,500,000</b>	<b>30,920,460</b>	<b>45,651,117</b>	<b>11,167,619</b>	<b>24,463,810</b>	<b>35,631,429</b>	<b>1.15x</b>
EnCap Energy Fund IX	Feb-13	6,500,000	7,295,677	440,259	5,046,897	4,019,376	9,066,273	1.24x
EnCap Energy Fund X	Apr-15	7,500,000	6,670,980	1,314,306	1,356,907	6,616,538	7,973,445	1.20x
ArcLight Energy Partners VI	Aug-15	7,500,000	7,807,282	1,043,073	2,763,815	7,061,363	9,825,178	1.26x
EnCap Energy Fund XI	Jul-17	10,000,000	2,146,521	7,853,479	-	1,766,533	1,766,533	0.82x
North Sky Clean Growth V	Sep-19	25,000,000	7,000,000	20,000,000	2,000,000	5,000,000	7,000,000	1.00x
ArcLight Energy Partners Fund VII, L.P		15,000,000	-	15,000,000	-	-	-	-
<b>Secondary Fund of Funds</b>	Dec-05	<b>20,000,000</b>	<b>21,226,531</b>	<b>-</b>	<b>27,930,559</b>	<b>1,648,937</b>	<b>29,579,496</b>	<b>1.39x</b>
Lexington VI	Dec-05	20,000,000	21,226,531	-	27,930,559	1,648,937	29,579,496	1.39x

## Private Equity - Active Funds

For the Period Ending October 31, 2019

## Summary of Portfolio Inception to Date (Category totals include active and closed funds)

	Inception Date	Committed	Drawn to Date	Remaining Commitment	Distributions to Date	Adjusted Ending Value	Total Value	Total Value to Paid-in
<b>Venture Capital</b>	Jul-99	<b>205,500,000</b>	<b>143,841,166</b>	<b>59,179,308</b>	<b>117,094,629</b>	<b>109,228,763</b>	<b>226,323,392</b>	<b>1.57x</b>
Lightspeed Venture Partners VI (WPG)	Oct-00	12,000,000	11,010,270	-	10,478,573	-	10,478,573	0.95x
Accel Europe	May-01	10,000,000	10,000,000	-	12,403,731	<b>897,787</b>	13,301,518	1.33x
Knightsbridge Fund VI	Dec-04	12,000,000	10,960,000	1,040,000	11,760,368	<b>5,708,403</b>	17,468,771	1.59x
Firstmark I (Pequot, Firstmark IV)	Nov-05	5,000,000	4,950,000	50,000	18,690,837	<b>19,442,959</b>	38,133,796	7.70x
Weathergage Venture Capital	Mar-07	7,500,000	6,862,500	637,500	9,198,343	<b>5,051,185</b>	14,249,528	2.08x
Warburg Pincus	Oct-07	15,000,000	15,000,000	-	19,185,958	<b>6,319,424</b>	25,505,382	1.70x
Weathergage Venture Cap II	Apr-11	7,500,000	6,975,000	525,000	4,342,401	<b>11,406,173</b>	15,748,574	2.26x
Firstmark II (Firstmark V)	Aug-11	5,000,000	5,122,365	-	497,531	<b>9,575,158</b>	10,072,689	1.97x
Warburg Pincus XI	Nov-12	7,500,000	7,500,000	-	5,856,442	<b>6,263,801</b>	12,120,243	1.62x
Firstmark Capital Fund III	Feb-14	5,000,000	4,900,000	100,000	141,977	<b>7,233,625</b>	7,375,602	1.51x
Firstmark Capital Opportunity Fund I	Jun-14	5,000,000	5,075,000	186,808	1,184,124	<b>6,399,249</b>	7,583,373	1.49x
Warburg Pincus XII	Dec-15	10,000,000	9,015,000	985,000	788,230	<b>9,924,665</b>	10,712,895	1.19x
Weathergage Venture Capital IV	Dec-16	10,000,000	6,000,000	4,000,000	-	<b>7,127,695</b>	7,127,695	1.19x
FirstMark Capital Fund IV	Apr-17	7,500,000	3,412,500	4,087,500	-	<b>3,781,472</b>	3,781,472	1.11x
FirstMark Capital Opportunity Fund II	Jan-18	7,500,000	5,512,500	1,987,500	-	<b>5,828,316</b>	5,828,316	1.06x
Warburg Pincus Global Growth	Mar-19	40,000,000	4,420,000	35,580,000	-	<b>4,268,851</b>	4,268,851	0.97x
TA XIII		10,000,000	-	10,000,000	-	-	-	-

## Private Equity - Active Funds

For the Period Ending October 31, 2019

## Cash Flow Activity for 1 Month

Fund Name	Date	Transaction Type	Cash Outflows	Cash Inflows	Net Cash Flows
<b>Total</b>			<b>-3,564,807</b>	<b>5,777,550</b>	<b>2,212,743</b>
<b>Buyout</b>			<b>-119,677</b>	<b>1,247,364</b>	<b>1,127,687</b>
Leonard Green Equity Investors VII	10/01/2019	Distribution	-	15,671	
Leonard Green Equity Investors VII	10/01/2019	Return of Excess Capital	-	15,671	
Thompson Street Capital III	10/01/2019	Capital Call for Fees	-21,210	-	
Thompson Street Capital Partners IV	10/01/2019	Capital Call for Fees	-27,915	-	
Thompson Street Capital V	10/01/2019	Capital Call for Fees	-70,552	-	
Leonard Green Equity Investors VII	10/09/2019	Recallable Distribution	-	37,418	
CenterOak Equity Fund I	10/18/2019	Recallable Distribution	-	125,000	
Francisco Partners Fund IV	10/21/2019	Distribution	-	784,000	
Apollo Investment Fund VIII	10/30/2019	Distribution	-	269,604	
<b>Distressed</b>			<b>-16,197</b>	<b>513,100</b>	<b>496,903</b>
Oaktree Opportunities VII B	10/07/2019	Distribution	-	26,738	
Oaktree Opportunities VII B	10/07/2019	Less Blocker Expenses	-134	-	
Oaktree Opportunities IX	10/07/2019	Blocker Expenses	-15,588	-	
Oaktree Opportunities IX	10/07/2019	Distribution	-	375,000	
Oaktree Opportunities VII A	10/07/2019	Distribution	-	41,686	
Oaktree Opportunities VIII	10/08/2019	Distribution	-	69,676	
Oaktree Opportunities VIII	10/08/2019	Blocker Expenses	-475	-	
<b>Mezzanine</b>			<b>-</b>	<b>40,955</b>	<b>40,955</b>
Newstone Capital Partners II	10/16/2019	Distribution	-	40,955	
<b>Other</b>			<b>-184,060</b>	<b>177,085</b>	<b>-6,975</b>
EnCap Energy Fund IX	10/15/2019	Distribution	-	37,229	
EnCap Energy Fund X	10/22/2019	Recallable Distribution	-	8,864	
EnCap Energy Fund X	10/22/2019	Distribution	-	130,992	
EnCap Energy Fund X	10/30/2019	Capital Call	-78,906	-	
EnCap Energy Fund XI	10/30/2019	Capital Call	-105,154	-	
<b>Secondary Fund of Funds</b>			<b>-</b>	<b>26,766</b>	<b>26,766</b>
Lexington VI	10/30/2019	Distribution	-	26,766	
<b>Venture Capital</b>			<b>-3,244,873</b>	<b>3,772,280</b>	<b>527,407</b>
Knightsbridge Fund VI	10/04/2019	Distribution	-	504,000	
Warburg Pincus Global Growth	10/09/2019	Capital Call	-1,000,000	-	



**Private Equity - Active Funds**

*For the Period Ending October 31, 2019*

**Cash Flow Activity for 1 Month**

<b>Fund Name</b>	<b>Date</b>	<b>Transaction Type</b>	<b>Cash Outflows</b>	<b>Cash Inflows</b>	<b>Net Cash Flows</b>
<b>Venture Capital continued</b>					
Firstmark Capital Opportunity Fund I	10/14/2019	Distribution	-	118,821	
Firstmark I (Pequot, Firstmark IV)	10/14/2019	Distribution	-	3,149,459	
Warburg Pincus Global Growth	10/28/2019	Capital Call	-2,210,000	-	
Warburg Pincus Global Growth	10/28/2019	Base Rate Interest - Paid	-34,873	-	

**Private Credit - Active Funds**

For the Period Ending October 31, 2019

**Summary of Cash Flows for 6 Months**

Cash Outflows	Cash Inflows	Net Cash Flows
-7,627,310	14,164,874	6,537,564

**Summary of Portfolio Inception to Date (Category totals include active and closed funds)**

	Inception Date	Committed	Drawn to Date	Remaining Commitment	Distributions to Date	Adjusted Ending Value	Total Value	Total Value to Paid-in
<b>Total</b>	Sep-16	90,000,000	63,281,365	37,004,716	27,783,069	43,236,864	71,019,933	1.12x
<b>Mezzanine</b>	Jan-17	20,000,000	18,316,365	3,143,489	6,575,196	15,057,186	21,632,382	1.18x
Newstone Capital Partners III	Jan-17	20,000,000	18,316,365	3,143,489	6,575,196	15,057,186	21,632,382	1.18x
<b>Other</b>	Sep-16	70,000,000	44,965,000	33,861,227	21,207,873	28,179,678	49,387,551	1.10x
LBC Credit Partners Fund IV	Sep-16	40,000,000	34,000,000	14,826,227	13,910,215	23,697,788	37,608,003	1.11x
Apollo Accord II	Oct-18	11,400,000	10,500,000	900,000	7,297,658	4,016,890	11,314,548	1.08x
Apollo Accord III	Oct-19	18,600,000	465,000	18,135,000	-	465,000	465,000	1.00x

**Private Credit - Active Funds**

*For the Period Ending October 31, 2019*

**Cash Flow Activity for 1 Month**

<b>Fund Name</b>	<b>Date</b>	<b>Transaction Type</b>	<b>Cash Outflows</b>	<b>Cash Inflows</b>	<b>Net Cash Flows</b>
<b>Total</b>			<b>-508,255</b>	<b>6,296,365</b>	<b>5,788,110</b>
<b>Mezzanine</b>			<b>-43,255</b>	<b>370,513</b>	<b>327,258</b>
Newstone Capital Partners III	10/16/2019	Distribution	-	370,513	
Newstone Capital Partners III	10/16/2019	Capital Call	-43,255	-	
<b>Other</b>			<b>-465,000</b>	<b>5,925,852</b>	<b>5,460,852</b>
Apollo Accord II	10/02/2019	Distribution	-	1,536,349	
Apollo Accord II	10/24/2019	Distribution	-	3,648,829	
Apollo Accord III	10/25/2019	Capital Call	-465,000	-	
LBC Credit Partners Fund IV	10/30/2019	Distribution	-	740,674	

## Private Real Estate - Active Funds

For the Period Ending October 31, 2019

### Summary of Cash Flows for 6 Months

Cash Outflows	Cash Inflows	Net Cash Flows
-6,923,594	12,488,469	5,564,875

### Summary of Portfolio Inception to Date (Category totals include active and closed funds)

	Inception Date	Committed	Drawn to Date	Remaining Commitment	Distributions to Date	Adjusted Ending Value	Total Value	Total Value to Paid-in
<b>Total</b>	<b>Aug-11</b>	<b>130,500,000</b>	<b>89,238,129</b>	<b>52,388,577</b>	<b>75,704,702</b>	<b>49,067,704</b>	<b>124,772,406</b>	<b>1.40x</b>
<b>Real Estate</b>	Aug-11	<b>130,500,000</b>	<b>89,238,129</b>	<b>52,388,577</b>	<b>75,704,702</b>	<b>49,067,704</b>	<b>124,772,406</b>	<b>1.40x</b>
Siguler Guff Dist. Real Estate Opp.	Aug-11	10,000,000	9,250,000	750,000	11,837,234	<b>4,404,495</b>	16,241,729	1.76x
TA Associates Realty X	Jan-13	20,000,000	20,000,000	-	28,814,635	<b>3,565,505</b>	32,380,140	1.62x
Cerberus Real Estate Fund III	Jul-13	20,000,000	25,185,319	4,871,659	25,756,432	<b>9,502,784</b>	35,259,216	1.40x
Hall Capital Fund III	Nov-14	7,500,000	7,016,483	483,517	2,716,798	<b>5,529,690</b>	8,246,488	1.18x
Siguler Guff Dist. Real Estate Opp. II	Dec-14	10,000,000	8,715,000	1,285,000	5,016,044	<b>6,764,720</b>	11,780,764	1.35x
Cerberus Institutional Real Estate Partners 4	Jun-16	15,000,000	10,512,179	5,557,549	1,563,559	<b>10,441,951</b>	12,005,510	1.14x
Siguler Guff Dist. Real Estate Opp. II B	Dec-17	10,000,000	4,450,000	5,550,000	-	<b>4,998,913</b>	4,998,913	1.12x
Angelo Gordon Realty Value Fund X	Jun-19	20,000,000	2,850,000	17,150,000	-	<b>2,602,926</b>	2,602,926	0.91x
Blackstone Real Estate Partners Fund IX, L.P	Sep-19	18,000,000	1,259,148	16,740,852	-	<b>1,256,720</b>	1,256,720	1.00x

**Private Real Estate - Active Funds**

*For the Period Ending October 31, 2019*

**Cash Flow Activity for 1 Month**

Fund Name	Date	Transaction Type	Cash Outflows	Cash Inflows	Net Cash Flows
<b>Total</b>			<b>-1,350,233</b>	<b>619,692</b>	<b>-730,541</b>
<b>Real Estate</b>			<b>-1,350,233</b>	<b>619,692</b>	<b>-730,541</b>
Angelo Gordon Realty Value Fund X	10/15/2019	Capital Call	-1,350,000	-	
Angelo Gordon Realty Value Fund X	10/15/2019	Base Rate Interest - Paid	-233	-	
Cerberus Institutional Real Estate Partners 4	10/22/2019	Distribution	-	493,721	
Siguler Guff Dist. Real Estate Opp. II	10/23/2019	Distribution	-	125,971	

## Market Overview

For the Periods Ending October 31, 2019

	1 Month (%)	FYTD (%)	YTD (%)	1 Year (%)	3 Years (%)	5 Years (%)	10 Years (%)
<b>Equity Markets - Core</b>							
S&P 500	2.17	3.90	23.16	14.33	14.91	10.78	13.70
Russell 1000	2.12	3.57	23.09	14.15	14.73	10.55	13.72
Russell 2000	2.63	0.17	17.18	4.90	10.96	7.37	12.27
Russell 2500	1.91	0.61	19.97	8.84	11.74	8.04	13.10
Russell Mid Cap	1.05	1.54	23.21	13.72	12.28	8.67	13.70
<b>Equity Markets - Growth</b>							
Russell 1000 Growth	2.82	4.35	26.77	17.10	18.92	13.43	15.41
Russell 2000 Growth	2.85	-1.45	18.62	6.40	13.22	8.38	13.38
Russell 2500 Growth	2.57	-0.70	23.05	11.77	15.33	9.83	14.42
Russell Mid Cap Growth	1.85	1.17	27.56	18.93	16.81	10.92	14.76
<b>Equity Markets - Value</b>							
Russell 1000 Value	1.40	2.77	19.46	11.21	10.51	7.61	11.96
Russell 2000 Value	2.42	1.84	15.55	3.22	8.60	6.24	11.08
Russell 2500 Value	1.44	1.57	17.07	6.10	8.47	6.36	11.85
Russell Mid Cap Value	0.54	1.77	20.11	10.08	8.90	6.95	12.90
<b>International Markets</b>							
MSCI EAFE	3.60	2.57	17.43	11.63	9.02	4.81	5.90
MSCI EAFE Value	3.62	1.92	12.23	6.20	6.90	2.72	4.43
MSCI EAFE Growth	3.59	3.17	22.64	17.10	11.09	6.84	7.30
MSCI ACWI ex US	3.50	1.74	15.98	11.84	8.60	4.31	5.43
MSCI Emerging Markets	4.23	-0.05	10.71	12.29	7.76	3.32	4.14
<b>Fixed Income</b>							
ICE BofA ML High Yield Cash Pay	0.24	1.50	11.78	8.36	6.04	5.17	7.66
BloomBar US Aggregate	0.30	2.58	8.85	11.51	3.29	3.24	3.73
FTSE World Govt Bond	0.54	1.39	6.84	9.92	2.55	1.96	1.73
BloomBar Universal	0.32	2.45	9.15	11.36	3.57	3.49	4.11

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