



# **New Mexico Educational Retirement Board**

## ***Private Equity Performance Review***

### ***Fourth Quarter 2018***

*June 2019*



## EXECUTIVE SUMMARY

The following report presents an analysis of the New Mexico ERB Private Equity Portfolio and its performance for the fourth quarter of 2018. All data is as of December 31, 2018.

The New Mexico ERB Private Equity Portfolio experienced a negative fourth quarter return of -0.55% and a one-year return of 10.86%. The Private Equity Portfolio has achieved a since-inception return of 12.76% and multiple on invested capital of 1.42x. As of the quarter end, the Portfolio had \$3.39 billion in net commitments to 82 private equity funds managed by 46 different managers.

The table below summarizes portfolio movement during the quarter.

### Quarterly Change in PE Program

Q4 Return	Q4 Distributions	Q4 Capital Calls	Q4 Increase in NAV	Q4 Increase in Value Added
-0.55%	\$88,464,069	\$124,272,428	\$15,664,386	-\$20,143,973

### Cumulative PE Program Totals

Cumulative Commitments	Paid in Capital	Cumulative Distributions	Reported Value	Cumulative Value Added
\$3,392,969,534	\$2,594,091,793	\$1,830,149,000	\$1,846,716,801	\$1,082,774,008

### Since Inception Statistics

Call Ratio	Distributions/Paid In	Net IRR	Total Value/Paid In	Current/ Target Allocation
0.76x	0.71x	12.76%	1.42x	14.8%/13.0%

#### DISCLOSURES:

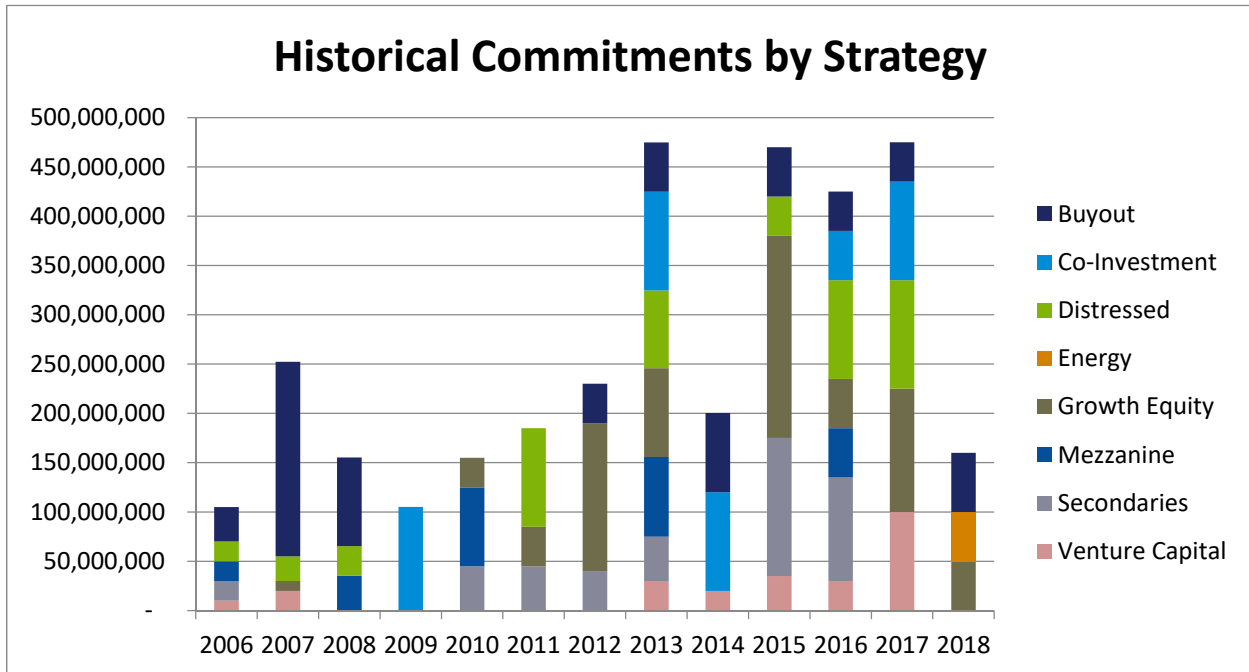
*The foregoing investment information was prepared by the New Mexico Educational Retirement Board ("NMERB") and its advisors or consultants as a management aid solely for internal informational purposes and should not be relied on for any other purpose other than for discussion. The included analysis does not constitute a recommendation by TTCP and should not be used in connection with investment decisions.*

*TTCP uses, as its data source, NMERB's unaudited fund accounting records as well as reputable external market indices and industry peer data and these sources are believed to be reliable.*

*While TTCP has exercised reasonable professional care in preparing this report and efforts are made to ensure data is accurate, TTCP cannot guarantee the accuracy of all information contained within.*

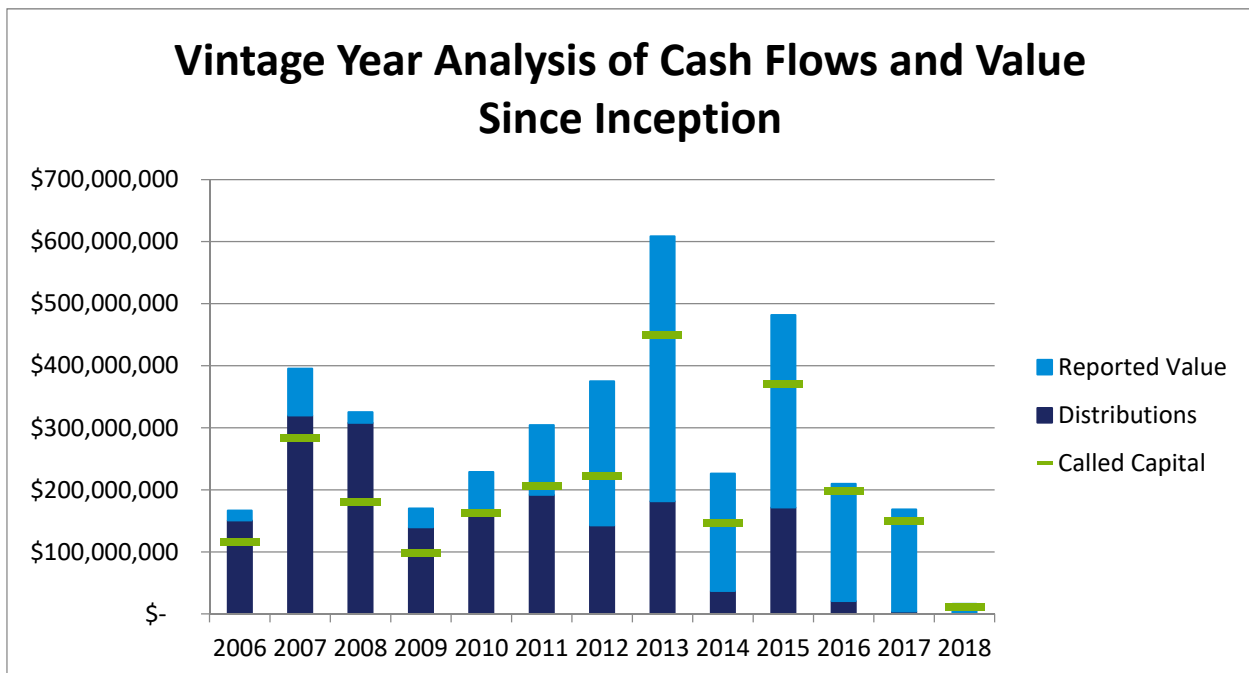


The following chart shows the commitment history of the private markets program through Q4 2018.



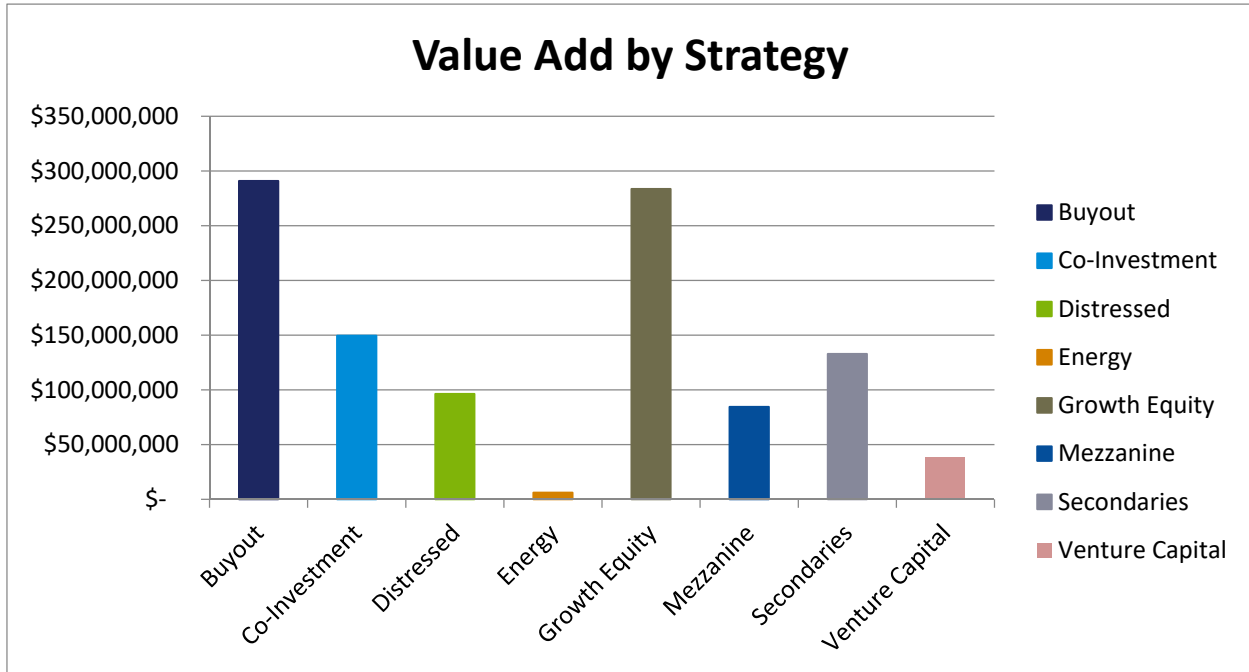
Note: Commitments are shown by the year the fund began making investments. Despite a steady commitment pace, some commitments made in 2012 did not begin investing until 2013. This also occurred in 2014-2015 where some commitments made in 2014 did not begin investing until 2015.

The chart below shows an analysis of invested capital by vintage year. The area above the green line represents value added to the Plan.

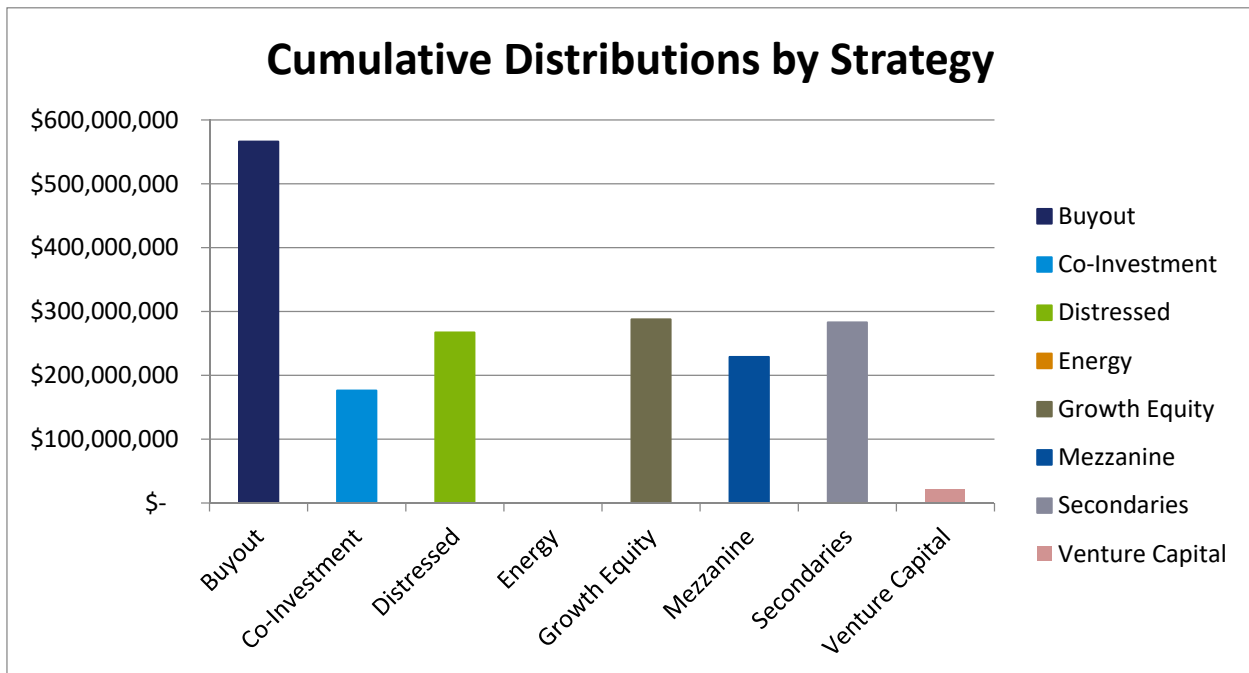




The following graph shows the value added by strategy since the inception of the private equity program.

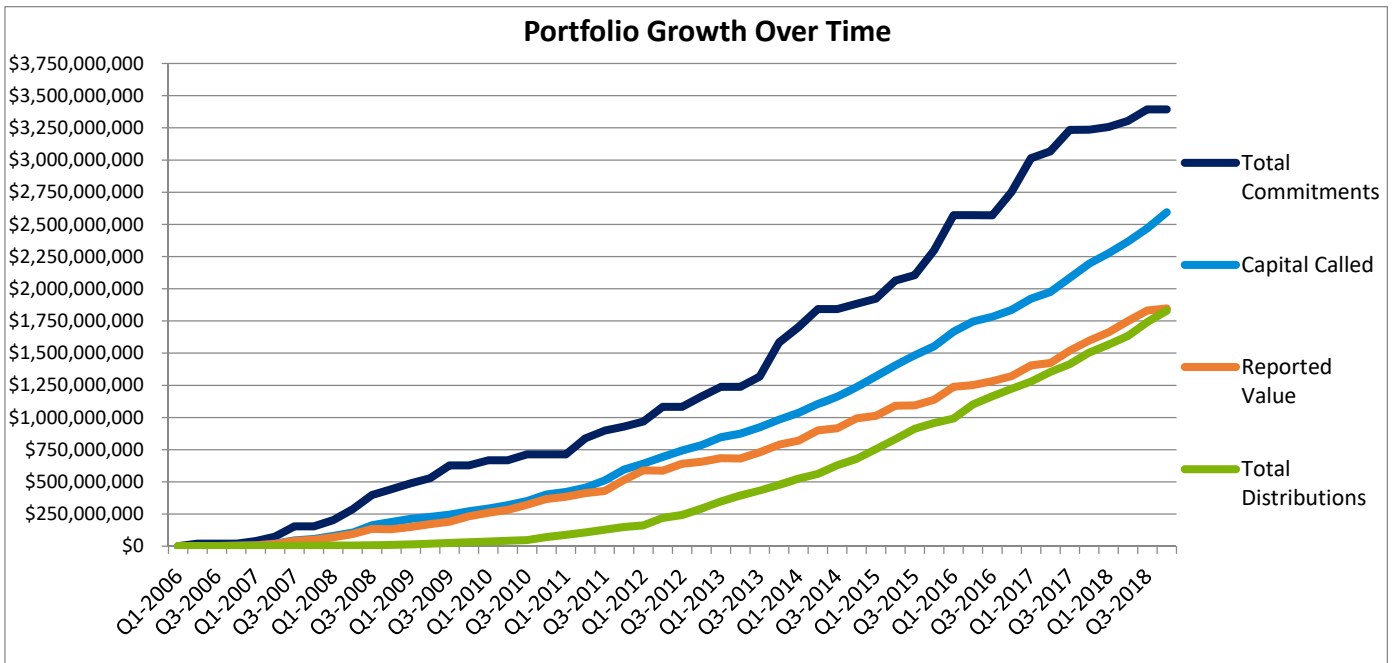


The chart below shows cumulative distributions by strategy since inception.





The following graph shows the growth of the NMERB private equity portfolio since inception. The green line tracks the cumulative distributions, which stands at \$1.83 billion since inception.

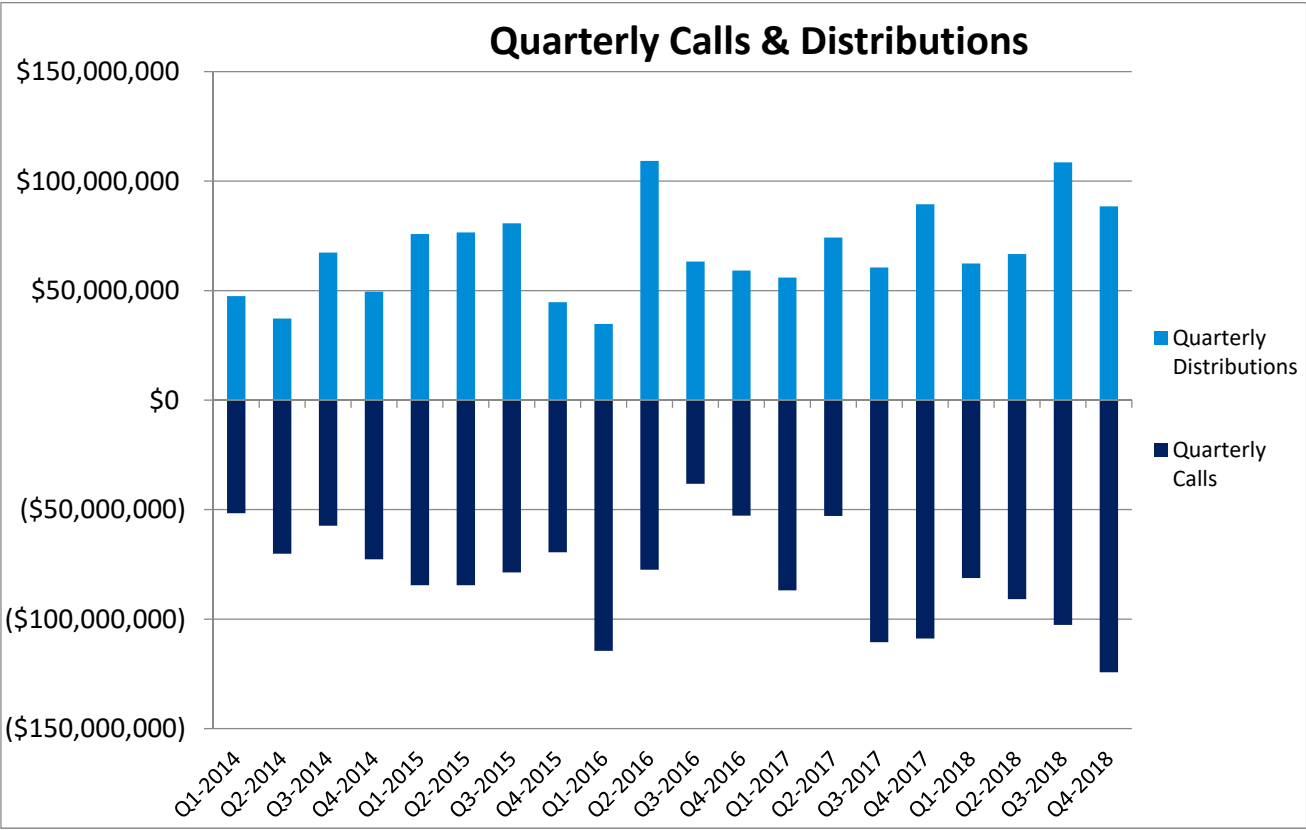


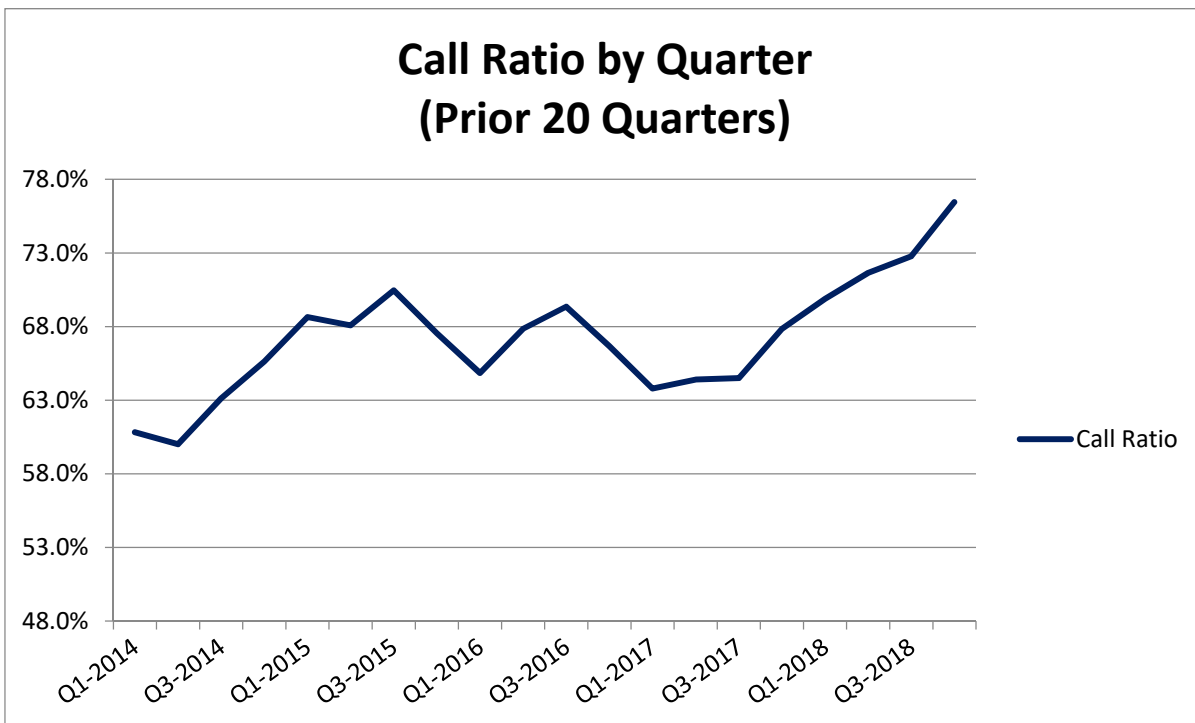
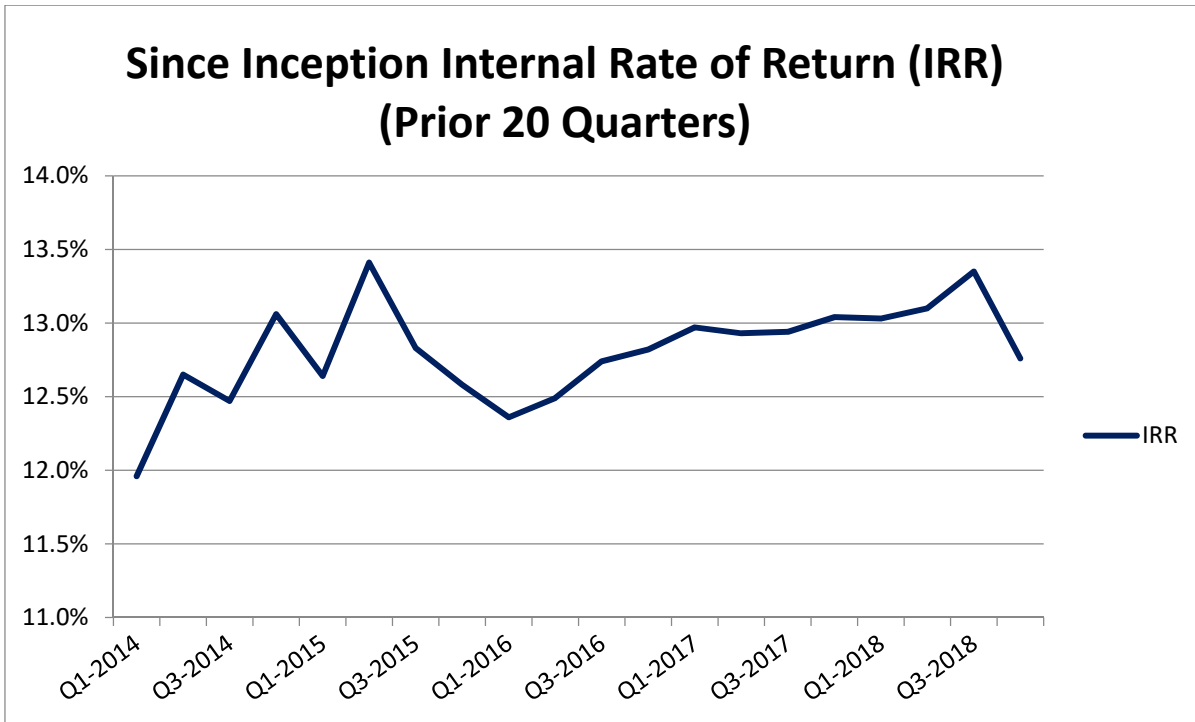
The table below shows the strategy allocation of invested capital, unfunded commitments and the resulting total exposure.

Investment Strategy	Target	Reported Value	Unfunded Commitment	Total Exposure
<b>Private Equity</b>				
Buyouts	0%-80%	16.1%	19.2%	17.2%
Co-Investment	0%-50%	17.5%	9.8%	14.6%
Distressed	0%-40%	12.0%	17.4%	14.1%
Energy	0%-30%	0.7%	3.8%	1.9%
Growth Equity	0%-40%	30.4%	20.4%	26.7%
Mezzanine	0%-40%	5.2%	4.7%	5.0%
Secondaries	0%-40%	9.4%	15.2%	11.6%
Venture Capital	0%-40%	8.8%	9.4%	9.0%
<b>Total Private Equity</b>		<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>

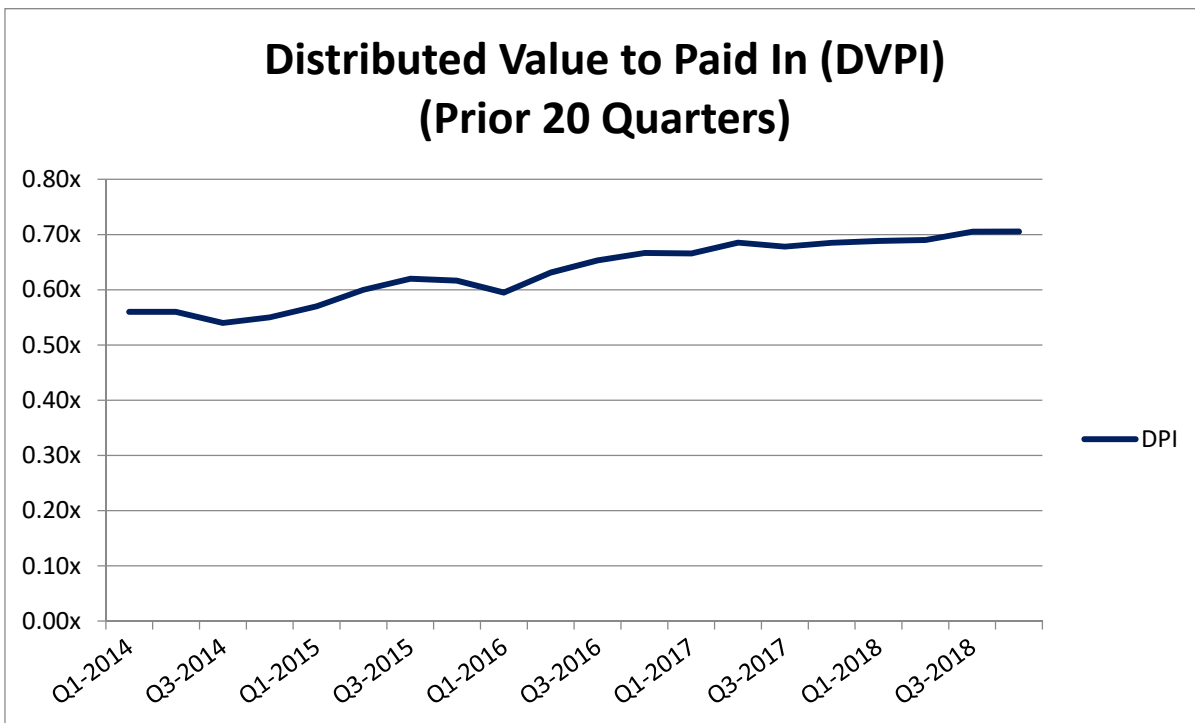
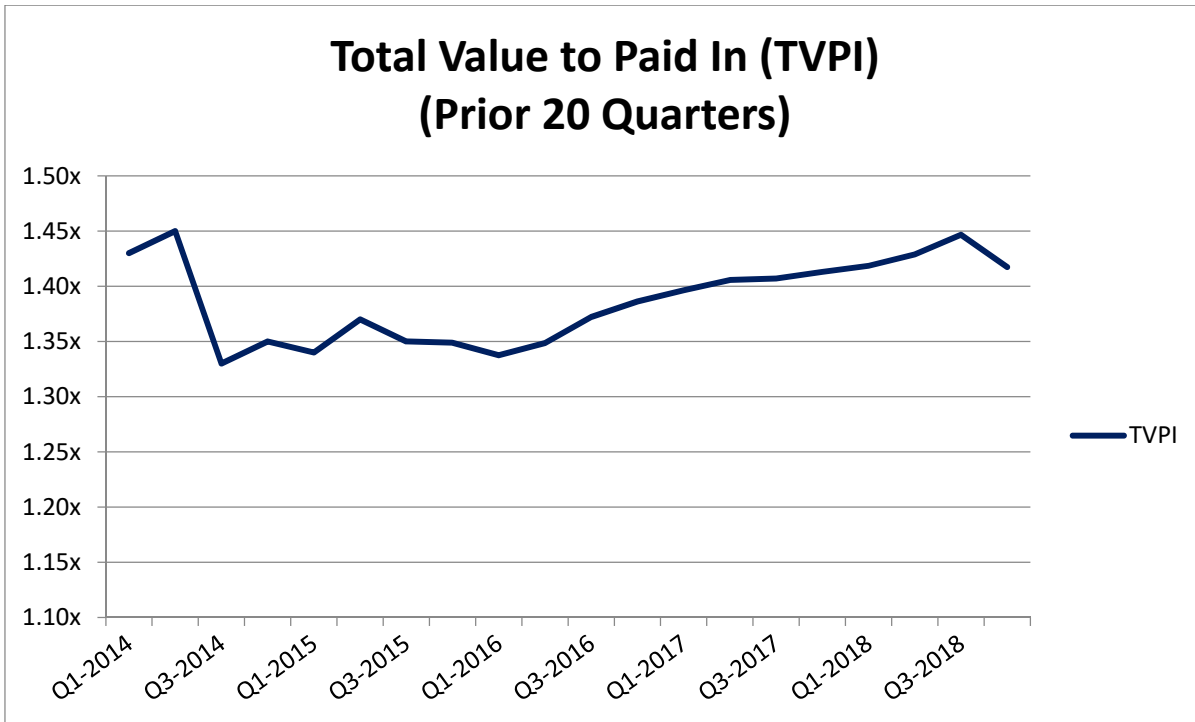


The following charts show cash flows and other portfolio performance statistics on a quarterly basis over the last five years.





\*IRR is the internal single rate of return at which the beginning market value plus additions grows to equal the ending market value minus withdrawals. Call Ratio is the ratio of the total amount of capital called divided by the total amount of capital committed.

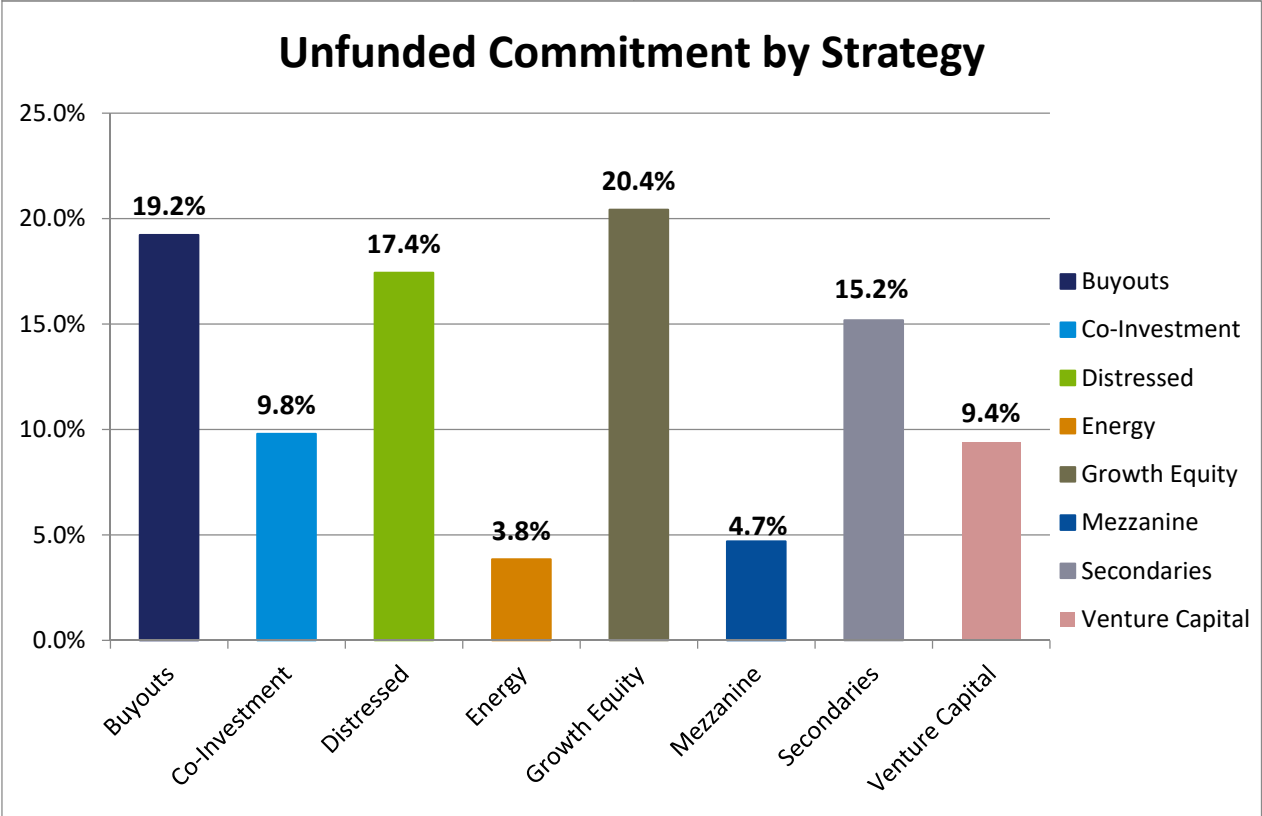
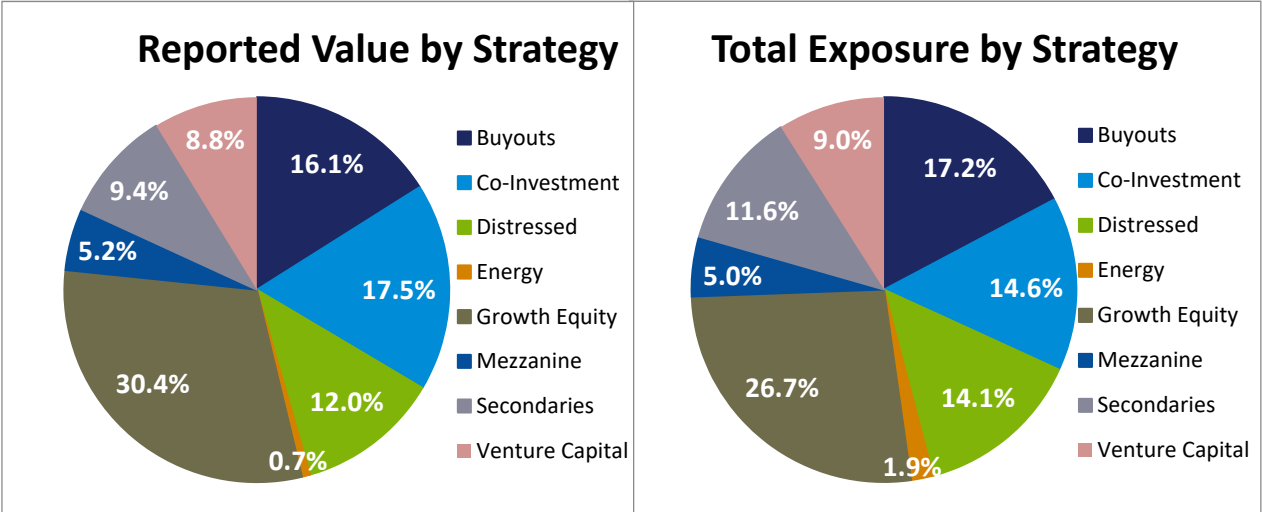


\*TVPI is the ratio of the current value of a fund, plus the total value of all distributions to date, relative to the total amount of capital paid into the fund to date. DVPI is the ratio of money distributed by a fund divided by contributions to the fund to date.





The below exhibits present the reported, unfunded and total exposure by strategy. Total Exposure is the sum of Reported Value and Unfunded Commitment. The exhibit can be used to compare the current invested strategy mix to the strategy mix of unfunded capital.



**New Mexico ERB**  
Trailing Period Performance Summary  
12/31/2018

Partnership Name	Vintage	Commitment (\$)	QTD IRR (%)	YTD IRR (%)	1 Yr IRR (%)	3 Yr IRR (%)	5 Yr IRR (%)	10 Yr IRR (%)	Inception IRR (%)
AE Industrial Partners Fund I, L.P.	2015	50,000,000	2.23	11.31	11.31	30.49	N/A	N/A	25.27
AE Industrial Partners Fund II, L.P.	2018	60,000,000	N/A	N/A	N/A	N/A	N/A	N/A	-100.00
Apollo Investment Fund VII, L.P.	2008	40,000,000	-13.86	-13.09	-13.09	-2.38	4.53	30.6	22.89
Apollo Investment Fund VIII, L.P.	2013	50,000,000	-8.93	-9.33	-9.33	12.32	N/A	N/A	9.76
Ares Corporate Opportunities Fund IV, L.P.	2012	40,000,000	-3.49	-2.39	-2.39	16.83	14.77	N/A	13.69
Ares Corporate Opportunities Fund V, L.P.	2016	40,000,000	-1.52	0.64	0.64	N/A	N/A	N/A	-1.41
Ares Distressed Securities Fund, L.P.	2008	30,000,000	N/A	N/A	N/A	41.37	33.71	27.11	13.67
Ares Special Situations Fund III, L.P.	2011	30,000,000	-6.28	3.89	3.89	8.65	-5.08	N/A	1.89
Ares Special Situations Fund IV, L.P.	2015	40,000,000	-6.95	-2.78	-2.78	3.33	N/A	N/A	-9.04
Audax Private Equity Fund IV L.P.	2013	40,000,000	0.96	8.24	8.24	11.62	15.81	N/A	15.64
Bain Capital Partners XI, L.P.	2014	40,000,000	-0.1	31.08	31.08	32.41	N/A	N/A	27.07
Bain Capital Partners XII, L.P.	2017	40,000,000	-2.8	-36.12	-36.12	N/A	N/A	N/A	-37.65
BCP Fund II, L.P.	2018	30,000,000	N/A	N/A	N/A	N/A	N/A	N/A	N/A
BDCM Opportunity Fund III, L.P.	2011	40,000,000	4.1	9.14	9.14	8.11	7.69	N/A	8.68
BR Co-Investment (Transfer)	2009	5,139,173	-68.86	-65.75	-65.75	-17.39	-9.92	N/A	-0.10
BR/ERB Co-Investment Fund I, L.P.	2009	100,000,000	1.88	8.06	8.06	11.71	12.45	N/A	16.73
BR/ERB Co-Investment Fund II, L.P.	2013	100,000,000	-1.35	9.66	9.66	12.41	12.7	N/A	12.48
BR/ERB Co-Investment Fund II, L.P. 2017 Series	2017	100,000,000	3.96	16.46	16.46	N/A	N/A	N/A	13.25
BR/ERB Tactical Opportunities, L.P.	2014	100,000,000	-5.28	16.14	16.14	15.16	N/A	N/A	15.62
Bridgepoint Europe IV D, L.P.	2007	22,953,200	6.2	4	4	15.43	10.35	11.8	11.31
Clayton, Dubilier & Rice VIII, LP.	2007	40,000,000	-11.77	-52.76	-52.76	16.92	22.25	N/A	25.82
CLP 2014, L.P.	2014	392,273	N/A	N/A	N/A	1257.59	N/A	N/A	217.13
ComVest Investment Partners III, L.P.	2007	25,000,000	41.62	48.76	48.76	33	27.49	7.63	6.43
DRI LSRC II	2010	40,000,000	N/A	N/A	N/A	-1.66	42.39	N/A	19.81
Drug Royalty III, L.P.	2013	20,744,091	7.25	27.63	27.63	17.46	10.36	N/A	8.61
Edison Partners IX, L.P.	2018	50,000,000	-3.44	N/A	N/A	N/A	N/A	N/A	-28.48
Edison Venture Fund VII, LP	2010	30,000,000	-1.29	1.7	1.7	5.48	11.94	N/A	14.62
Edison Ventures Fund VIII, L.P.	2015	40,000,000	-0.52	15.45	15.45	22.88	N/A	N/A	20.88
EIG Energy Fund XVI, L.P.	2013	60,000,000	-1.78	7.12	7.12	19.01	9.06	N/A	7.66
EIG Energy Funds XV, L.P.	2010	40,000,000	-3.29	-0.18	-0.18	6.89	-0.46	N/A	4.40
Five Point Energy GP II LP	2018	20,000,000	21.5	N/A	N/A	N/A	N/A	N/A	156.57
Fletcher Spaght Ventures Fund II, L.P.	2007	20,000,000	-13.84	-16.58	-16.58	-6.15	-4.06	-1.02	-1.96
GF Capital Private Equity Fund, L.P.	2007	15,000,000	-12.68	-12.76	-12.76	3.15	6.69	15.43	12.93
Goode Partners Consumer Fund I, L.P.	2007	20,000,000	-0.78	-38.96	-38.96	-19.52	-10.83	10.42	3.93
Hicks, Muse, Tate & Furst Incorporated	2006	20,000,000	N/A	N/A	N/A	N/A	-3.7	-0.73	-2.37
Industrial Opportunity Partners, L.P.	2006	15,000,000	19.17	18.44	18.44	11.77	21.06	29.98	26.20
Industry Ventures Fund VI, L.P.	2011	45,000,000	-1.31	8.07	8.07	1.12	2.34	N/A	8.22
Industry Ventures Partnership Holdings III-B, L.P.	2014	20,000,000	3.59	6	6	9.7	N/A	N/A	10.39
Industry Ventures Partnership Holdings III, L.P.	2013	30,000,000	8.27	33.34	33.34	19.17	18.02	N/A	19.66
Industry Ventures Partnership Holdings IV, L.P.	2016	30,000,000	5.82	10.46	10.46	N/A	N/A	N/A	16.22
Industry Ventures Secondary VII, L.P.	2013	45,000,000	8.86	28.96	28.96	15.57	15.65	N/A	15.52

**New Mexico ERB**  
Trailing Period Performance Summary  
**12/31/2018**

Partnership Name	Vintage	Commitment (\$)	QTD IRR (%)	YTD IRR (%)	1 Yr IRR (%)	3 Yr IRR (%)	5 Yr IRR (%)	10 Yr IRR (%)	Inception IRR (%)
Industry Ventures Secondary VIII, L.P.	2016	45,000,000	8.88	87.43	87.43	N/A	N/A	N/A	75.77
Industry Ventures SOF II-A, L.P.	2016	40,000,000	7.91	75.36	75.36	N/A	N/A	N/A	57.19
Leeds Equity Partners V, L.P.	2007	20,000,000	10.97	45.02	45.02	32.03	26.67	21.2	19.96
Levine Leichtman Fund IV, L.P.	2008	50,000,000	-8.67	-20.65	-20.65	0.92	7.32	19.16	18.85
Lexington Capital Fund VI-B, L.P.	2006	20,000,000	1.6	7.24	7.24	6.69	4.15	11.89	6.97
Lexington Capital Fund VII, L.P.	2010	45,000,000	-0.63	2.81	2.81	6.61	8.35	N/A	14.22
Lexington Capital Fund VIII, L.P.	2015	40,000,000	-0.71	4.8	4.8	18.23	N/A	N/A	24.59
Lightyear Fund III, L.P.	2011	40,000,000	3.7	44.51	44.51	31.11	24.34	N/A	22.31
Lightyear Fund IV, L.P.	2016	50,000,000	2.9	2.46	2.46	N/A	N/A	N/A	-4.57
Lion Capital Fund II, L.P.	2007	34,429,800	-24.99	-63.63	-63.63	-16.98	-16.07	-5.87	-8.73
LLCP Deep Value GP, LLC	2006	20,000,000	N/A	N/A	N/A	-14.88	9.95	24.9	0.92
Marlin Equity Fund IV, L.P.	2013	30,000,000	5.86	14.41	14.41	8.86	7.71	N/A	7.44
Marlin Equity Fund V, L.P.	2017	48,000,000	15.82	N/A	N/A	N/A	N/A	N/A	9.94
Marlin Heritage Fund II, L.P.	2017	12,000,000	-0.97	-6.85	-6.85	N/A	N/A	N/A	-10.39
Newstone Capital Partners, L.P.	2006	20,000,000	-26.23	-41.7	-41.7	23.5	19.85	9.34	8.86
Perseus Partners VII, LP	2007	15,000,000	N/A	N/A	N/A	N/A	-99.01	-47.58	-46.04
Pine Brook Capital Partners II, L.P.	2013	50,000,000	-1.98	7.16	7.16	16.76	N/A	N/A	10.16
Platinum Equity Partners II, L.P.	2007	30,000,000	18.75	0.7	0.7	1.32	0.82	20.06	13.14
Psilos Group Partners III, L.P.	2006	10,000,000	9.88	8.75	8.75	-5.03	-4.01	3.52	2.57
Riverside Strategic Capital Fund I, L.P.	2016	50,000,000	1.07	-5.9	-5.9	N/A	N/A	N/A	-10.94
SG/NMERB Secondary Fund I, L.P.	2015	50,000,000	0	-5.19	-5.19	-0.62	N/A	N/A	49.32
SG/NMERB Secondary Fund II, L.P.	2016	20,000,000	4.28	-31.43	-31.43	N/A	N/A	N/A	24.46
SG Secondary Opportunities Fund I, L.P.	2015	50,000,000	-30.54	5.76	5.76	N/A	N/A	N/A	33.15
SV Life Sciences Fund VI, L.P.	2015	35,000,000	-17.85	22.49	22.49	N/A	N/A	N/A	15.36
Tenex Capital Partners II, L.P.	2016	50,000,000	5	11.66	11.66	N/A	N/A	N/A	10.22
Tenex Capital Partners SG, L.P.	2011	30,000,000	-15.31	-17.62	-17.62	13.56	20.49	N/A	16.10
The Rise Fund	2017	25,000,000	10.33	39.56	39.56	N/A	N/A	N/A	22.93
TPG Growth II, L.P.	2012	75,000,000	-2.89	4.98	4.98	7.52	21.23	N/A	19.05
TPG Growth III, L.P.	2015	100,000,000	-1.22	33.77	33.77	27.59	N/A	N/A	23.91
TPG Growth IV	2017	100,000,000	2.76	-11.5	-11.5	N/A	N/A	N/A	-18.14
TTCP NMERB SMA, L.P.	2017	100,000,000	5.94	28.38	28.38	N/A	N/A	N/A	23.40
Vicente Capital Growth Equity Fund, L.P.	2007	10,000,000	-1.25	-0.43	-0.43	-0.57	3.31	8.39	7.03
VSS Structured Capital Partners Fund II, L.P.	2008	35,310,997	-1.1	27.95	27.95	16.75	55.57	N/A	28.90
W Capital Partners Fund III, L.P.	2012	40,000,000	-1.96	3.67	3.67	13.45	12.47	N/A	12.13
Warburg Pincus Private Equity Fund XI, L.P.	2012	75,000,000	0.9	16.44	16.44	14.02	14.85	N/A	14.74
Warburg Pincus Private Equity Fund XII, L.P.	2015	65,000,000	2.35	15.17	15.17	11.47	N/A	N/A	11.22
Z Capital Credit Tactical Co-Invest Fund-A, L.P.	2016	50,000,000	N/A	N/A	N/A	N/A	N/A	N/A	-0.03
Z Capital Credit Tactical Fund, L.P.	2016	50,000,000	-6.27	3.34	3.34	N/A	N/A	N/A	-33.20
Z Capital Partners III, L.P.	2017	50,000,000	-19.06	8.75	8.75	N/A	N/A	N/A	44.54
Z Capital Special Situations Fund II, L.P.	2013	49,000,000	2.05	-7.8	-7.8	2.89	6.55	N/A	10.35
Zelnick Media Capital II, L.P.	2014	40,000,000	4.65	50.57	50.57	30.89	N/A	N/A	29.46
<b>Total</b>		<b>3,392,969,534</b>	<b>-0.55</b>	<b>10.86</b>	<b>10.86</b>	<b>13.14</b>	<b>13.49</b>	<b>14.58</b>	<b>12.76</b>









## New Mexico ERB

Vintage Year Performance Benchmarking

12/31/2018

	Commitment	Paid In Capital	Capital To Be Funded	Call Ratio	DPI Ratio	TVPI Ratio	IRR
<b>2006 Vintage Total</b>	<b>105,000,000</b>	<b>104,112,643</b>	<b>2,777,738</b>	<b>110%</b>	<b>1.30</b>	<b>1.44</b>	<b>8.14%</b>
<b>2006 ILPA Private Markets All PE</b>							
<i>Upper Quartile</i>					1.61	1.88	12.87%
<i>Median</i>					1.28	1.56	8.25%
<i>Pooled Average</i>					1.32	1.54	8.67%
<i>Lower Quartile</i>					0.94	1.21	3.66%
<b>2007 Vintage Total</b>	<b>252,383,000</b>	<b>251,124,354</b>	<b>22,346,761</b>	<b>112%</b>	<b>1.13</b>	<b>1.40</b>	<b>7.41%</b>
<b>2007 ILPA Private Markets All PE</b>							
<i>Upper Quartile</i>					1.53	2.00	14.97%
<i>Median</i>					1.24	1.59	10.22%
<i>Pooled Average</i>					1.31	1.66	11.49%
<i>Lower Quartile</i>					0.85	1.32	4.72%
<b>2008 Vintage Total</b>	<b>155,310,997</b>	<b>161,160,098</b>	<b>17,819,403</b>	<b>116%</b>	<b>1.71</b>	<b>1.81</b>	<b>20.13%</b>
<b>2008 ILPA Private Markets All PE</b>							
<i>Upper Quartile</i>					1.47	1.91	16.17%
<i>Median</i>					1.04	1.58	10.91%
<i>Pooled Average</i>					1.15	1.60	13.70%
<i>Lower Quartile</i>					0.60	1.26	4.93%
<b>2009 Vintage Total</b>	<b>105,139,173</b>	<b>91,407,400</b>	<b>3,548,935</b>	<b>94%</b>	<b>1.42</b>	<b>1.72</b>	<b>15.40%</b>
<b>2009 ILPA Private Markets All PE</b>							
<i>Upper Quartile</i>					1.34	2.01	18.57%
<i>Median</i>					1.03	1.57	12.39%
<i>Pooled Average</i>					1.13	1.76	12.86%
<i>Lower Quartile</i>					0.51	1.36	7.15%



## New Mexico ERB

Vintage Year Performance Benchmarking

12/31/2018

	Commitment	Paid In Capital	Capital To Be Funded	Call Ratio	DPI Ratio	TVPI Ratio	IRR
<b>2010 Vintage Total</b>	<b>155,000,000</b>	<b>148,321,673</b>	<b>15,963,503</b>	<b>105%</b>	<b>1.00</b>	<b>1.41</b>	<b>12.33%</b>
<b>2010 ILPA Private Markets All PE</b>							
<i>Upper Quartile</i>					1.20	2.13	19.74%
<i>Median</i>					0.76	1.63	13.45%
<i>Pooled Average</i>					0.87	1.59	16.43%
<i>Lower Quartile</i>					0.47	1.30	6.42%
<b>2011 Vintage Total</b>	<b>185,000,000</b>	<b>189,873,838</b>	<b>13,772,672</b>	<b>111%</b>	<b>0.93</b>	<b>1.48</b>	<b>11.53%</b>
<b>2011 ILPA Private Markets All PE</b>							
<i>Upper Quartile</i>					0.98	1.77	17.71%
<i>Median</i>					0.57	1.49	12.49%
<i>Pooled Average</i>					0.73	1.59	14.79%
<i>Lower Quartile</i>					0.24	1.25	6.84%
<b>2012 Vintage Total</b>	<b>230,000,000</b>	<b>205,048,149</b>	<b>23,615,572</b>	<b>96%</b>	<b>0.64</b>	<b>1.69</b>	<b>16.13%</b>
<b>2012 ILPA Private Markets All PE</b>							
<i>Upper Quartile</i>					0.71	1.79	18.84%
<i>Median</i>					0.42	1.46	13.44%
<i>Pooled Average</i>					0.51	1.49	14.69%
<i>Lower Quartile</i>					0.19	1.27	8.04%
<b>2013 Vintage Total</b>	<b>474,744,091</b>	<b>415,527,047</b>	<b>86,444,244</b>	<b>95%</b>	<b>0.40</b>	<b>1.35</b>	<b>12.21%</b>
<b>2013 ILPA Private Markets All PE</b>							
<i>Upper Quartile</i>					0.46	1.63	19.85%
<i>Median</i>					0.22	1.36	13.46%
<i>Pooled Average</i>					0.29	1.37	14.44%
<i>Lower Quartile</i>					0.07	1.21	7.76%

## New Mexico ERB

Vintage Year Performance Benchmarking

12/31/2018

	Commitment	Paid In Capital	Capital To Be Funded	Call Ratio	DPI Ratio	TVPI Ratio	IRR
<b>2014 Vintage Total</b>	<b>200,392,273</b>	<b>139,367,585</b>	<b>65,024,852</b>	<b>73%</b>	<b>0.25</b>	<b>1.54</b>	<b>20.31%</b>
<b>2014 ILPA Private Markets All PE</b>							
<i>Upper Quartile</i>					0.30	1.48	19.98%
<i>Median</i>					0.11	1.28	13.46%
<i>Pooled Average</i>					0.22	1.38	18.32%
<i>Lower Quartile</i>					0.01	1.18	8.43%
<b>2015 Vintage Total</b>	<b>470,000,000</b>	<b>353,106,792</b>	<b>155,123,040</b>	<b>79%</b>	<b>0.46</b>	<b>1.30</b>	<b>21.13%</b>
<b>2015 ILPA Private Markets All PE</b>							
<i>Upper Quartile</i>					0.19	1.34	19.58%
<i>Median</i>					0.02	1.19	11.17%
<i>Pooled Average</i>					0.11	1.21	14.61%
<i>Lower Quartile</i>					0.00	1.08	4.97%
<b>2016 Vintage Total</b>	<b>425,000,000</b>	<b>185,955,033</b>	<b>230,812,797</b>	<b>47%</b>	<b>0.10</b>	<b>1.06</b>	<b>6.35%</b>
<b>2016 ILPA Private Markets All PE</b>							
<i>Upper Quartile</i>					0.03	1.19	20.57%
<i>Median</i>					0.00	1.09	9.97%
<i>Pooled Average</i>					0.06	1.13	15.57%
<i>Lower Quartile</i>					0.00	1.01	1.20%
<b>2017 Vintage Total</b>	<b>475,000,000</b>	<b>139,863,476</b>	<b>327,195,831</b>	<b>32%</b>	<b>0.03</b>	<b>1.12</b>	<b>16.10%</b>
<b>2017 ILPA Private Markets All PE</b>							
<i>Upper Quartile</i>					0.00	1.07	11.00%
<i>Median</i>					0.00	0.99	-2.80%
<i>Pooled Average</i>					0.02	1.00	4.01%
<i>Lower Quartile</i>					0.00	0.89	-15.10%
<b>2018 Vintage Total</b>	<b>160,000,000</b>	<b>9,185,115</b>	<b>148,232,687</b>	<b>7%</b>	<b>0.00</b>	<b>1.52</b>	<b>96.06%</b>
<b>2018 ILPA Private Markets All PE</b>							
<i>Upper Quartile</i>					<i>n.m</i>	<i>n.m</i>	<i>n.m</i>
<i>Median</i>					<i>n.m</i>	<i>n.m</i>	<i>n.m</i>
<i>Pooled Average</i>					<i>n.m</i>	<i>n.m</i>	<i>n.m</i>
<i>Lower Quartile</i>					<i>n.m</i>	<i>n.m</i>	<i>n.m</i>

\*ILPA Private Markets All Funds Benchmarks as of 12/31/18

**New Mexico ERB**  
**Public Market Equivalent (PME) Benchmarking**  
**12/31/2018**

New Mexico ERB Private Equity Portfolio - Q4 2018				
Vintage Year	Index Benchmark	Vintage IRR	Vintage TVPI	Kaplan-Schoar Ratio
2006	Russell 3000 +3%	8.1%	1.44x	0.98x
2007	Russell 3000 +3%	7.4%	1.40x	0.84x
2008	Russell 3000 +3%	20.1%	1.81x	1.18x
2009	Russell 3000 +3%	15.4%	1.72x	0.98x
2010	Russell 3000 +3%	12.3%	1.41x	0.94x
2011	Russell 3000 +3%	11.5%	1.48x	0.94x
2012	Russell 3000 +3%	16.1%	1.69x	1.13x
2013	Russell 3000 +3%	12.2%	1.35x	1.03x
2014	Russell 3000 +3%	20.3%	1.54x	1.24x
2015	Russell 3000 +3%	21.1%	1.30x	1.13x
2016	Russell 3000 +3%	6.4%	1.06x	1.02x
2017	Russell 3000 +3%	16.1%	1.12x	1.15x
2018	Russell 3000 +3%	96.1%	1.52x	1.62x
Total Realized Portfolio (4 Funds)	Russell 3000 +3%	5.86%	1.20x	0.86x
<b>TOTAL PORTFOLIO</b>	Russell 3000 +3%	<b>12.76%</b>	<b>1.42x</b>	<b>1.02x</b>

1 The Kaplan-Schoar (KS) PME gives a direct indication of the performance of the fund compared to the performance of the index. The KS PME is a market multiple compared to an index where a number above 1 indicates that the fund outperformed the index. The index used in the calculation is the Russell 3000 plus 3% annual return.