

# **COMPOSITE PERFORMANCE REVIEW**

Report for Periods Ending September 30, 2019

# **University of South Carolina Educational Foundation**



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### **Table of Contents**

Description	Page
Educational Foundation Composite	2-15
Large Cap Composite	16-27
Small Cap Composite	28-36
International Equity Composite	37-51
Fixed Income Composite	52-60
Hedge Fund Composite	61-65

#### **Composite Performance Review**

Report for Periods Ending September 30, 2019

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	Qtr	YTD	1Yr	3Yr	5Yr	7Yr	10Yr	Since 5/01	Since 6/97
<b>Educational Foundation Composite</b>	-0.1%	14.6%	1.3%	8.1%	6.3%	8.6%	8.8%	6.4%	6.4%
Broad Policy Index1	0.9	15.0	4.6	8.7	7.1	8.9	9.0	6.1	6.8
Target Weighted Index <sup>2</sup>	0.4	13.3	2.6	8.2	6.8	8.8	9.2	6.2	6.9
Blended CPI <sup>3</sup>	1.7	5.6	7.3	7.7	7.3	7.3	7.6	7.9	8.1

#### Footnotes:

<sup>&</sup>lt;sup>3</sup>Blended CPI is currently comprised of: 100.0% CPI + 5.5% Index. Please see Appendix for benchmark history.



<sup>1</sup> Broad Policy Index is currently comprised of: 50.0% Russell 3000 Index, 20.0% MSCI AC World Index ex-U.S., and 30.0% Bloomberg Barclays US Aggregate Index. Please see Appendix for benchmark history.

<sup>&</sup>lt;sup>2</sup>Target Weighted Index is currently comprised of: 35.0% Russell 1000 Index, 10.0% Russell 2000 Index, 15.0% MSCI EAFE Index, 5.0% MSCI Emerging Markets Index, 15.0% Bloomberg Barclays US Aggregate Index, 5.0% CPI + 3% Index, and 15.0% DJ/CS HFI Multi-Strategy. Please see Appendix for benchmark history.

## **Summary of Investment Performance**

Report for Periods Ending September 30, 2019

#### Annualized

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	Qtr	YTD	1Yr	3Yr	5Yr	7Yr	10Yr	Since 5/01	Since Inception	Date	Market Value
Educational Foundation Composite	-0.1%	14.6%	1.3%	8.1%	6.3%	8.6%	8.8%	6.4%	6.4%	6/97	\$461,396,581
Broad Policy Index <sup>1</sup>	0.9	15.0	4.6	8.7	7.1	8.9	9.0	6.1	6.8		
Target Weighted Index <sup>2</sup>	0.4	13.3	2.6	8.2	6.8	8.8	9.2	6.2	6.9		
Blended CPI <sup>3</sup>	1.7	5.6	7.3	7.7	7.3	7.3	7.6	7.9	8.1		
Large Cap Composite	0.6	18.7	0.5	11.3	9.5	12.4	12.1	6.5	6.5	5/01	191,428,115
S&P 500 Index	1.7	20.5	4.3	13.4	10.8	13.2	13.2	6.9	6.9		
iShares S&P 500 Index	1.7	20.5	4.2	13.4	10.8	13.2	13.2	-	14.1	12/08	73,058,760
S&P 500 Index	1.7	20.5	4.3	13.4	10.8	13.2	13.2	-	14.1		
Harbor Capital Appreciation	-2.1	18.5	-0.9	16.3	12.7	-	-	-	15.6	12/12	44,520,115
Russell 1000 Growth Index	1.5	23.3	3.7	16.9	13.4	-	-	-	15.9		
S&P 500 Index	1.7	20.5	4.3	13.4	10.8	-	-	-	13.8		
Becker Capital Management	0.6	15.2	-2.5	7.3	6.0	10.6	10.2	-	13.5	2/09	36,673,415
Russell 1000 Value Index	1.4	17.8	4.0	9.4	7.8	11.3	11.5	-	15.1		
S&P 500 Index	1.7	20.5	4.3	13.4	10.8	13.2	13.2	-	16.5		
WEDGE Capital Management	1.9	18.1	-1.8	8.0	8.7	12.9	11.2	-	14.9	2/09	37,175,825
Russell 1000 Value Index	1.4	17.8	4.0	9.4	7.8	11.3	11.5	-	15.1		
S&P 500 Index	1.7	20.5	4.3	13.4	10.8	13.2	13.2	-	16.5		
Small Cap Composite	-0.9	22.1	0.3	10.0	7.9	10.8	11.1	7.1	7.1	5/01	46,577,189
Russell 2000 Index	-2.4	14.2	-8.9	8.2	8.2	10.4	11.2	7.7	7.7		
Westfield Capital Management	-1.9	25.2	-3.7	12.6	9.0	12.2	12.6	8.0	8.0	5/01	18,834,849
Russell 2000 Growth Index	-4.2	15.3	-9.6	9.8	9.1	11.4	12.2	7.1	7.1		
Russell 2000 Index	-2.4	14.2	-8.9	8.2	8.2	10.4	11.2	7.7	7.7		
Vulcan Small Cap Value	0.1	21.1	1.9	7.4	-	-	-	-	5.1	4/15	13,544,335
Russell 2000 Value Index	-0.6	12.8	-8.2	6.5	-	-	-	-	6.0		
Russell 2000 Index	-2.4	14.2	-8.9	8.2	-	-	-	-	6.6		
NewSouth SMID Value	-0.6	19.1	4.6	9.3	-	-	-	-	7.2	10/14	14,198,005
Russell 2500 Value Index	0.1	15.4	-4.4	6.9	-	-	-	-	6.2		
Russell 2500 Index	-1.3	17.7	-4.0	9.5	-	-	-	-	7.8		

## **Summary of Investment Performance**

Report for Periods Ending September 30, 2019

#### Annualized

	Qtr	YTD	1Yr	3Yr	5Yr	7Yr	10Yr	Since 5/01	Since Inception	Date	Market Value
International Equity Composite	-2.1%	12.8%	0.2%	6.6%	3.2%	5.7%	5.1%	5.4%	5.4%	5/01	\$103,482,996
MSCI AC World Index ex-U.S.	-1.8	11.6	-1.2	6.3	2.9	5.0	4.5	5.2	5.2		
Artisan International	0.5	20.0	6.5	8.9	4.3	7.1	7.0	6.0	6.0	5/01	27,163,197
MSCI EAFE Growth Index	-0.4	17.9	2.2	7.8	5.5	7.5	6.5	5.0	5.0		
MSCI EAFE Index	-1.1	12.8	-1.3	6.5	3.3	6.1	4.9	4.7	4.7		
EuroPacific Growth	-1.7	15.5	8.0	7.3	4.8	6.9	5.8	6.3	6.3	5/01	24,970,378
MSCI AC World Index ex-US	-1.8	11.6	-1.2	6.3	2.9	5.0	4.5	5.2	5.2		
MSCI EAFE Index	-1.1	12.8	-1.3	6.5	3.3	6.1	4.9	4.7	4.7		
Dodge & Cox International	-1.7	11.0	-2.8	5.2	0.6	5.9	4.9	-	1.9	7/07	24,550,527
MSCI EAFE Value Index	-1.7	7.7	-4.9	5.1	1.0	4.7	3.2	-	0.1		
MSCI EAFE Index	-1.1	12.8	-1.3	6.5	3.3	6.1	4.9	-	1.5		
DFA Emerging Markets Value	-7.0	0.0	-7.2	5.3	1.4	1.7	-	-	-0.8	5/11	13,436,724
MSCI Emerging Markets Value Index	-6.5	1.8	-5.0	4.8	0.4	0.5	-	-	-1.0		
Harding Loevner Emerging Markets	-3.4	12.1	0.8	5.6	3.1	-	-	-	3.2	12/12	13,362,170
MSCI Emerging Markets Index	-4.2	5.9	-2.0	6.0	2.3	-	-	-	1.7		
Fixed Income Composite	1.5	7.8	7.5	3.4	3.3	3.8	5.5	7.2	7.2	5/01	69,247,590
Bloomberg Barclays US Aggregate Index	2.3	8.5	10.3	2.9	3.4	2.7	3.7	4.7	4.7		
Loomis Sayles	1.4	10.6	6.6	5.0	3.6	4.7	6.6	8.3	8.3	5/01	20,189,948
Bloomberg Barclays US Aggregate Index	2.3	8.5	10.3	2.9	3.4	2.7	3.7	4.7	4.7		
DoubleLine Total Return Bond	1.6	6.0	7.9	3.2	3.5	-	-	-	3.5	6/14	29,199,535
Bloomberg Barclays US Aggregate Index	2.3	8.5	10.3	2.9	3.4	-	-	-	3.2		
Barrow Hanley	1.5	7.8	-	-	-	-	-	-	8.2	11/18	19,858,107
Bloomberg Barclays US Aggregate Index	2.3	8.5	-	-	-	-	-	-	10.5		

#### **Summary of Investment Performance**

Report for Periods Ending September 30, 2019

#### Annualized

	Qtr	YTD	1Yr	3Yr	5Yr	7Yr	10Yr	Since 5/01	Since Inception	Date	Market Value
Hedge Fund Composite	-0.1%	6.0%	1.8%	3.9%	2.0%	3.9%	4.8%	_	4.5%	6/04	\$43,872,597
Bloomberg Barclays US Aggregate Index	2.3	8.5	10.3	2.9	3.4	2.7	3.7	-	4.4		
HFRI Fund of Funds	-0.9	5.2	0.0	3.2	2.0	3.2	2.7	-	2.9		
HBK Fund, L.P.	-0.3	2.6	3.3	4.0	2.8	3.9	5.3	-	3.6	6/07	13,051,779
HFRI Relative Value Index	0.1	5.5	1.9	4.0	3.3	4.4	5.4	-	4.5		
Bloomberg Barclays US Aggregate Index	2.3	8.5	10.3	2.9	3.4	2.7	3.7	-	4.4		
Och Ziff Master Fund, Ltd.	-1.0	9.1	2.6	6.7	4.7	6.0	6.5	-	5.7	6/07	13,479,677
DJ/CS HFI Multi-Strategy	0.7	5.9	1.9	4.2	4.2	5.7	6.1	-	4.6		
Bloomberg Barclays US Aggregate Index	2.3	8.5	10.3	2.9	3.4	2.7	3.7	-	4.4		
Fir Tree International Value Fund, L.P.	0.3	0.9	-5.1	-1.0	-2.9	-	-	-	-2.5	1/14	6,745,934
HFRI Fund Weighted Composite Index	-0.4	6.8	0.4	3.8	2.9	-	-	-	3.1		
Bloomberg Barclays US Aggregate Index	2.3	8.5	10.3	2.9	3.4	-	-	-	3.4		
Graham Capital Proprietary Matrix	1.9	13.1	2.5	2.9	3.2	-	-	-	4.7	1/14	7,217,993
HFRI Global Macro Index	1.7	6.7	4.2	1.3	1.3	-	-	-	1.9		
Bloomberg Barclays US Aggregate Index	2.3	8.5	10.3	2.9	3.4	-	-	-	3.4		
Taconic Opportunity Fund	0.1	-	-	-	-	-	-	-	0.7	4/19	3,377,214
HFRI Event Driven	-0.8	-	-	-	-	-	-	-	-0.8		
Bloomberg Barclays US Aggregate Index	2.3	-	-	-	-	-	-	-	5.4		

#### Footnotes:

<sup>\*</sup> Performance returns are net of investment management fees.

<sup>\*</sup> Calculated returns may differ from the manager's due to differences in security pricing and/or cash flows.

<sup>\*</sup> Manager and index data represent the most current available at the time of report publication.

<sup>\*</sup> Hedge fund and private capital manager market values and rates of return may be based on estimates and may be revised until completion of an annual audit by the manager.

<sup>\*</sup> For managers and indices that report returns on a lag, 0.0% is utilized for the most recent time period until the actual return data are reported.

<sup>\*</sup> The fiscal year ends in June.

<sup>&</sup>lt;sup>1</sup> Broad Policy Index is currently comprised of: 50.0% Russell 3000 Index, 20.0% MSCI AC World Index ex-U.S., and 30.0% Bloomberg Barclays US Aggregate Index. Please see Appendix for benchmark history.

<sup>&</sup>lt;sup>2</sup> Target Weighted Index is currently comprised of: 35.0% Russell 1000 Index, 10.0% Russell 2000 Index, 15.0% MSCI EAFE Index, 5.0% MSCI Emerging Markets Index, 15.0% Bloomberg Barclays US Aggregate Index, 5.0% CPI + 3% Index, and 15.0% DJ/CS HFI Multi-Strategy. Please see Appendix for benchmark history.

<sup>&</sup>lt;sup>3</sup>Blended CPI is currently comprised of: 100.0% CPI + 5.5% Index. Please see Appendix for benchmark history.

# University of South Carolina Educational Foundation Fiscal Year Performance

	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
Educational Foundation Composite	5.0%	9.3%	15.0%	-2.7%	5.0%	19.8%	16.0%	-0.5%	23.8%	14.3%
Broad Policy Index <sup>1</sup>	7.5	8.6	13.0	0.9	4.1	18.7	14.6	0.5	23.5	12.8
Target Weighted Index <sup>2</sup>	5.5	9.0	14.4	-0.3	4.7	19.0	15.8	1.8	24.6	12.8
Blended CPI <sup>3</sup>	7.3	8.5	7.5	7.0	6.2	8.0	7.6	7.7	9.5	7.1
Large Cap Composite	6.3	14.3	18.0	0.7	9.1	26.1	20.1	3.4	29.3	13.4
S&P 500 Index	10.4	14.4	17.9	4.0	7.4	24.6	20.6	5.4	30.7	14.4
iShares S&P 500 Index	10.4	14.3	17.8	3.9	7.4	24.5	20.5	5.4	30.5	14.4
S&P 500 Index	10.4	14.4	17.9	4.0	7.4	24.6	20.6	5.4	30.7	14.4
Harbor Capital Appreciation	8.0	29.2	24.4	-4.7	14.3	31.4	-	-	-	-
Russell 1000 Growth Index	11.6	22.5	20.4	3.0	10.6	26.9	-	-	-	-
S&P 500 Index	10.4	14.4	17.9	4.0	7.4	24.6	-	-	-	-
Becker Capital Management	0.5	8.5	18.1	-2.4	5.8	26.2	26.1	0.4	29.0	11.2
Russell 1000 Value Index	8.5	6.8	15.5	2.9	4.1	23.8	25.3	3.0	28.9	16.9
S&P 500 Index	10.4	14.4	17.9	4.0	7.4	24.6	20.6	5.4	30.7	14.4
WEDGE Capital Management	2.4	5.6	19.7	3.1	12.5	28.7	24.3	8.0	21.1	14.7
Russell 1000 Value Index	8.5	6.8	15.5	2.9	4.1	23.8	25.3	3.0	28.9	16.9
S&P 500 Index	10.4	14.4	17.9	4.0	7.4	24.6	20.6	5.4	30.7	14.4
Small Cap Composite	7.8	11.9	18.7	-8.7	7.8	22.6	27.3	-6.4	38.1	17.2
Russell 2000 Index	-3.3	17.6	24.6	-6.7	6.5	23.6	24.2	-2.1	37.4	21.5
Westfield Capital Management	5.6	20.2	24.2	-14.2	13.5	22.7	29.1	-9.1	42.1	26.8
Russell 2000 Growth Index	-0.5	21.9	24.4	-10.8	12.3	24.7	23.7	-2.7	43.5	18.0
Russell 2000 Index	-3.3	17.6	24.6	-6.7	6.5	23.6	24.2	-2.1	37.4	21.5
Vulcan Small Cap Value	4.6	2.9	25.9	-7.7	-	-	-	-	-	-
Russell 2000 Value Index	-6.2	13.1	24.9	-2.6	-	-	-	-	-	-
Russell 2000 Index	-3.3	17.6	24.6	-6.7	-	-	-	-	-	-
NewSouth SMID Value	14.3	10.7	5.3	-2.2	-	-	-	-	-	-
Russell 2500 Value Index	-1.9	11.5	18.4	0.2	-	-	-	-	-	-
Russell 2500 Index	1.8	16.2	19.8	-3.7	-	-	-	-	-	-

# University of South Carolina Educational Foundation Fiscal Year Performance

	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
International Equity Composite	2.6%	6.2%	22.3%	-11.5%	-2.8%	22.6%	15.5%	-12.7%	30.6%	10.1%
MSCI AC World Index ex-U.S.	1.3	7.3	20.5	-10.2	-5.3	21.8	13.6	-14.6	29.7	10.4
Artisan International	9.1	7.6	13.7	-11.6	-0.5	22.4	20.7	-3.5	32.1	8.0
MSCI EAFE Growth Index	4.2	9.4	15.7	-4.8	-1.3	20.3	18.7	-12.6	31.3	8.6
MSCI EAFE Index	1.1	6.8	20.3	-10.2	-4.2	23.6	18.6	-13.8	30.4	5.9
EuroPacific Growth	1.6	10.0	21.7	-9.9	0.6	21.9	15.5	-12.9	29.0	9.5
MSCI AC World Index ex-US	1.3	7.3	20.5	-10.2	-5.3	21.8	13.6	-14.6	29.7	10.4
MSCI EAFE Index	1.1	6.8	20.3	-10.2	-4.2	23.6	18.6	-13.8	30.4	5.9
Dodge & Cox International	-0.3	0.5	30.4	-18.9	-3.6	29.3	23.5	-15.7	31.4	13.2
MSCI EAFE Value Index	-2.1	4.3	25.0	-15.4	-7.1	26.9	18.6	-15.2	29.4	3.2
MSCI EAFE Index	1.1	6.8	20.3	-10.2	-4.2	23.6	18.6	-13.8	30.4	5.9
DFA Emerging Markets Value	2.0	5.7	27.6	-11.7	-9.1	15.5	2.1	-21.3	-	-
MSCI Emerging Markets Value Index	5.0	4.3	21.6	-14.4	-7.7	14.4	-1.2	-15.8	-	-
Harding Loevner Emerging Markets	-1.3	8.5	22.5	-6.1	-7.0	19.3	-	-	-	-
MSCI Emerging Markets Index	1.2	8.2	23.7	-12.1	-5.1	14.3	-	-	-	-
Fixed Income Composite	6.5	0.8	3.1	4.0	0.4	9.3	5.4	5.8	11.1	18.2
Bloomberg Barclays US Aggregate Index	7.9	-0.4	-0.3	6.0	1.9	4.4	-0.7	7.5	3.9	9.5
Loomis Sayles	6.8	1.5	8.8	2.0	-4.1	13.7	9.2	4.7	16.2	21.0
Bloomberg Barclays US Aggregate Index	7.9	-0.4	-0.3	6.0	1.9	4.4	-0.7	7.5	3.9	9.5
DoubleLine Total Return Bond	6.4	1.1	1.4	4.5	3.3	-	-	-	-	-
Bloomberg Barclays US Aggregate Index	7.9	-0.4	-0.3	6.0	1.9	-	-	-	-	-
Barrow Hanley	-	-	-	-	-	-	-	-	-	-
Bloomberg Barclays US Aggregate Index	-	-	-	-	-	-	-	-	-	-

# University of South Carolina Educational Foundation Fiscal Year Performance

	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
Hedge Fund Composite	2.1%	4.4%	6.5%	-5.3%	4.3%	7.4%	11.1%	1.5%	12.2%	11.7%
Bloomberg Barclays US Aggregate Index	7.9	-0.4	-0.3	6.0	1.9	4.4	-0.7	7.5	3.9	9.5
HFRI Fund of Funds	1.2	5.2	6.5	-5.4	4.0	7.6	7.3	-4.5	6.7	4.7
HBK Fund, L.P.	3.6	4.5	6.0	-0.9	0.9	8.5	7.8	3.9	9.6	15.7
HFRI Relative Value Index	3.2	4.1	7.7	-0.2	1.9	9.0	9.3	1.3	10.7	15.7
Bloomberg Barclays US Aggregate Index	7.9	-0.4	-0.3	6.0	1.9	4.4	-0.7	7.5	3.9	9.5
Och Ziff Master Fund, Ltd.	4.3	7.0	13.5	-5.8	7.3	8.9	12.6	2.0	13.0	12.8
DJ/CS HFI Multi-Strategy	2.2	3.5	9.0	1.2	6.4	10.2	10.4	2.0	14.1	10.0
Bloomberg Barclays US Aggregate Index	7.9	-0.4	-0.3	6.0	1.9	4.4	-0.7	7.5	3.9	9.5
Fir Tree International Value Fund, L.P.	-6.0	-0.2	5.3	-14.6	0.1	-	-	-	-	-
HFRI Fund Weighted Composite Index	1.3	5.7	7.9	-2.4	2.3	-	-	-	-	-
Bloomberg Barclays US Aggregate Index	7.9	-0.4	-0.3	6.0	1.9	-	-	-	-	-
Graham Capital Proprietary Matrix	2.0	6.4	-3.2	-1.0	23.6	-	-	-	-	-
HFRI Global Macro Index	2.4	1.1	-2.4	1.8	4.2	-	-	-	-	-
Bloomberg Barclays US Aggregate Index	7.9	-0.4	-0.3	6.0	1.9	-	-	-	-	-
Taconic Opportunity Fund	-	-	-	-	-	-	-	-	-	-
HFRI Event Driven	-	-	-	-	-	-	-	-	-	-
Bloomberg Barclays US Aggregate Index	-	-	-	-	-	-	-	-	-	-

#### Footnotes:

<sup>\*</sup>Performance returns are net of investment management fees.

<sup>\*</sup>Calculated returns may differ from the manager's due to differences in security pricing and/or cash flows.

<sup>\*</sup>Manager data represents the most current available at the time of report publication.

<sup>\*</sup>The fiscal year ends in June.

<sup>&</sup>lt;sup>1</sup>Broad Policy Index is currently comprised of: 50.0% Russell 3000 Index, 20.0% MSCI AC World Index ex-U.S., and 30.0% Bloomberg Barclays US Aggregate Index. Please see Appendix for benchmark history.

<sup>&</sup>lt;sup>2</sup>Target Weighted Index is currently comprised of: 35.0% Russell 1000 Index, 10.0% Russell 2000 Index, 15.0% MSCI EAFE Index, 5.0% MSCI Emerging Markets Index, 15.0% Bloomberg Barclays US Aggregate Index, 5.0% CPI + 3% Index, and 15.0% DJ/CS HFI Multi-Strategy. Please see Appendix for benchmark history.

<sup>&</sup>lt;sup>3</sup>Blended CPI is currently comprised of: 100.0% CPI + 5.5% Index. Please see Appendix for benchmark history.

# University of South Carolina Educational Foundation Schedule of Asset and Style Allocation

Asset Class	Current Weight	Target Weight	Target Range
Large Cap Equity	41.5%	35.0%	25.0% - 55.0%
Small Cap Equity	10.1%	10.0%	5.0% - 15.0%
International Equity	16.6%	15.0%	10.0% - 20.0%
Emerging Markets	5.8%	5.0%	0.0% - 10.0%
Fixed Income	15.0%	15.0%	5.0% - 25.0%
Hedge Fund	9.5%	15.0%	5.0% - 20.0%
Private Natural Resources	1.2%	5.0%	0.0% - 10.0%
FOF - Private Equity	0.3%	0.0%	0.0% - 10.0%
Cash	0.0%	0.0%	0.0% - 5.0%
Total	100.0%	100.0%	

# **University of South Carolina Educational Foundation Schedule of Asset and Style Allocation**

Asset Class - Style	Manager	Portfolio Invested	Portfolio Cash	Market Value	Current Weight
Large Cap Equity - Broad	iShares S&P 500 Index	100.0%	0.0%	\$73,058,760	15.8%
Large Cap Equity - Growth	Harbor Capital Appreciation	100.0%	0.0%	\$44,520,115	9.6%
Large Cap Equity - Value	Becker Capital Management	97.8%	2.2%	\$36,673,415	7.9%
Large Cap Equity - Value	WEDGE Capital Management	95.9%	4.1%	\$37,175,825	8.1%
Small Cap Equity - Growth	Westfield Capital Management	100.0%	0.0%	\$18,834,849	4.1%
Small Cap Equity - Value	NewSouth SMID Value	93.0%	7.0%	\$14,198,005	3.1%
Small Cap Equity - Value	Vulcan Small Cap Value	100.0%	0.0%	\$13,544,335	2.9%
International Equity - Growth	Artisan International	100.0%	0.0%	\$27,163,197	5.9%
International Equity - Value	Dodge & Cox International	100.0%	0.0%	\$24,550,527	5.3%
International Equity - Value	EuroPacific Growth	100.0%	0.0%	\$24,970,378	5.4%
Emerging Markets - Core	Harding Loevner Emerging Markets	100.0%	0.0%	\$13,362,170	2.9%
Emerging Markets - Value	DFA Emerging Markets Value	100.0%	0.0%	\$13,436,724	2.9%
Fixed Income - Core	Barrow Hanley	98.5%	1.5%	\$19,858,107	4.3%
Fixed Income - Core Plus	DoubleLine Total Return Bond	100.0%	0.0%	\$29,199,535	6.3%
Fixed Income - Core Plus	Loomis Sayles	100.0%	0.0%	\$20,189,948	4.4%
Hedge Fund - Absolute Return	Fir Tree International Value Fund, L.P.	100.0%	0.0%	\$6,745,934	1.5%
Hedge Fund - Managed Futures	Graham Capital Proprietary Matrix	100.0%	0.0%	\$7,217,993	1.6%
Hedge Fund - Multi-Strategy	Och Ziff Master Fund, Ltd.	100.0%	0.0%	\$13,479,677	2.9%
Hedge Fund - Multi-Strategy	Taconic Opportunity Fund	100.0%	0.0%	\$3,377,214	0.7%
Hedge Fund - Relative Value	HBK Fund, L.P.	100.0%	0.0%	\$13,051,779	2.8%
Private Natural Resources - Energy	Kayne Anderson Energy Fund VI	100.0%	0.0%	\$884,599	0.2%
Private Natural Resources - Energy	Natural Gas Partners XI, L.P.	100.0%	0.0%	\$2,864,321	0.6%
Private Natural Resources - Energy	VIA Energy III	100.0%	0.0%	\$1,814,107	0.4%
FOF - Private Equity - Distressed	Siguler Guff Distressed Opport. III	100.0%	0.0%	\$1,225,067	0.3%
Total				\$461,396,581	100.0%

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## **Summary of Illiquid Investments**

	Committed  Capital	Called Capital	% Called	Distributed Capital	Fair Market Value	Multiple of Called Capital	Fair MV as a % of Total Fund	Target MV as a % of Total Fund
Private Equity	\$7,937,104	\$7,639,047	96%	\$10,106,219	\$1,225,067	1.5	0.3%	0.0%
Private Natural Resources	9,539,765	8,015,093	84	4,200,885	5,563,027	1.2	1.2	0.0
Total Illiquid Investments	\$17,476,869	\$15,654,140	90%	\$14,307,104	\$6,788,094	1.3	1.5%	0.0%

<sup>\*</sup> Fair Market Value estimate based on the most recent valuation, adjusted for capital calls and distributions after the valuation date.

<sup>\*</sup> Due to the different reporting methodologies of the managers, Called Capital amount may or may not include the following: Management Fees, Expenses, Catch-up Interest, Recallable Return of Capital, Recallable Distributions.

# University of South Carolina Educational Foundation Summary of Private Equity

	Committed Capital	Called Capital	% Called	Distributed Capital	Fair Market Value	Multiple of Called Capital	IRR*	Vintage Year
Private Equity Siguler Guff Distressed Opport. III	\$7,937,104	\$7,639,047	96%	\$10,106,219	\$1,225,067	1.5	8.7%	2007 - 2011
Private Equity	\$7,937,104	\$7,639,047	96%	\$10,106,219	\$1,225,067	1.5	8.7%	

<sup>\*</sup> Fair Market Value estimate based on the most recent valuation, adjusted for capital calls and distributions after the valuation date.

<sup>\*</sup> Due to the different reporting methodologies of the managers, Called Capital amount may or may not include the following: Management Fees, Expenses, Catch-up Interest, Recallable Return of Capital, Recallable Distributions.

<sup>\*</sup> Manager IRR is calculated through previous quarter-end and will not be calculated for the first two years; Summary IRR includes all managers.

### **Summary of Private Natural Resources**

	Committed Capital	Called Capital	% Called	Distributed Capital	Fair Market Value	Multiple of Called Capital	IRR*	Vintage Year
Private Natural Resources								
Kayne Anderson Energy Fund VI	\$3,266,019	\$3,105,960	95%	\$3,235,707	\$884,599	1.3	11.8%	2012
VIA Energy III	3,137,195	2,086,138	66	494,546	1,814,107	1.1	4.0	2013
Natural Gas Partners XI, L.P.	3,136,551	2,822,995	90	470,632	2,864,321	1.2	7.9	2014
Private Natural Resources	\$9,539,765	\$8,015,093	84%	\$4,200,885	\$5,563,027	1.2	8.6%	

<sup>\*</sup> Fair Market Value estimate based on the most recent valuation, adjusted for capital calls and distributions after the valuation date.

<sup>\*</sup> Due to the different reporting methodologies of the managers, Called Capital amount may or may not include the following: Management Fees, Expenses, Catch-up Interest, Recallable Return of Capital, Recallable Distributions.

<sup>\*</sup> Manager IRR is calculated through previous quarter-end and will not be calculated for the first two years; Summary IRR includes all managers.

#### **Investment Metrics**

Performance Objectives	Result	Objective Achieved	
Measurement Period: Moving 5 Year			
Return > Benchmark	Return over benchmark = -0.8%	No	
Beta < 1.20	Beta = 1.12	Yes	
Alpha > 0.0%	Alpha = -1.5%	No	
Peer Group Rank > 50th Percentile	Ranks in Bottom 50th Percentile	No	

Statistical Measures	Sharpe Ratio	Standard Deviation	Tracking Error	Information Ratio	
<b>Educational Foundation Composite</b>	0.5	9.9%	1.9%	-0.4	
Broad Policy Index	0.7	8.8	0.0		
Target Weighted Index	0.7	8.6	0.7	-0.3	

Asset Growth Summary (in thousands)	Qtr	YTD
Beginning Market Value	\$ 461,708	\$ 412,034
Net Contributions/(Distributions)	\$ 150	\$ (10,424)
Market Appreciation/(Depreciation)	\$ (461)	\$ 59,787
Ending Market Value	\$ 461,397	\$ 461,397

<sup>\*</sup> Risk Statistics are based on monthly data.

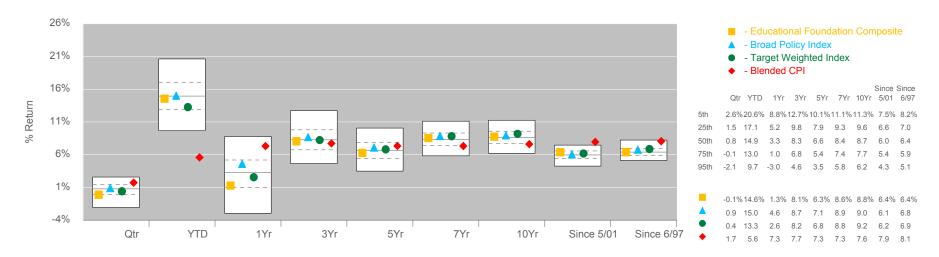
<sup>\*</sup> Broad Policy Index is currently comprised of: 50.0% Russell 3000 Index, 20.0% MSCI AC World Index ex-U.S., and 30.0% Bloomberg Barclays US Aggregate Index. Please see Appendix for benchmark history.

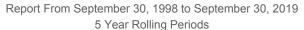
<sup>\*</sup> Target Weighted Index is currently comprised of: 35.0% Russell 1000 Index, 10.0% Russell 2000 Index, 15.0% MSCI EAFE Index, 5.0% MSCI Emerging Markets Index, 15.0% Bloomberg Barclays US Aggregate Index, 5.0% CPI + 3% Index, and 15.0% DJ/CS HFI Multi-Strategy. Please see Appendix for benchmark history.

## **Educational Foundation Composite**

#### **Blended Universe**

For Report Periods Ending September 30, 2019







#### **Blended Universe**

45.0% Broad Large Cap 10.0% Broad Small Cap 15.0% International Equity 30.0% Core Fixed Income

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### iShares S&P 500 Index

#### **Summary of Performance and Statistics**

Performance Results	Qtr	YTD	1Yr	3Yr	5Yr	7Yr	10Yr	Since Inception	Inception Date
iShares S&P 500 Index	1.7%	20.5%	4.2%	13.4%	10.8%	13.2%	13.2%	14.1%	12/08
S&P 500 Index	1.7	20.5	4.3	13.4	10.8	13.2	13.2	14.1	

Risk Statistics (5 years)	Beta	Alpha	R²	Standard Deviation	Tracking Error	Information Ratio
iShares S&P 500 Index	1.00	0.0%	1.00	13.2%	0.0%	-2.3
S&P 500 Index	1.00	0.0	1.00	13.2	0.0	

Portfolio Statistics	Trailing P/E	Trailing P/B	Wtd Avg Mkt Cap	Current Yield	Equity Annual Turnover
iShares S&P 500 Index	19.6	3.4	243,917.0 M	1.9%	%
S&P 500 Index	19.6	3.4	243,917.0	1.9	

Asset Growth Summary (in thousands)	Qtr	YTD
Beginning Market Value	\$ 71,217	\$ 69,893
Net Contributions/(Distributions)	\$ 635	\$ (11,348)
Market Appreciation/(Depreciation)	\$ 1,207	\$ 14,514
Ending Market Value	\$ 73,059	\$ 73,059

<sup>\*</sup> Risk Statistics are based on monthly data.

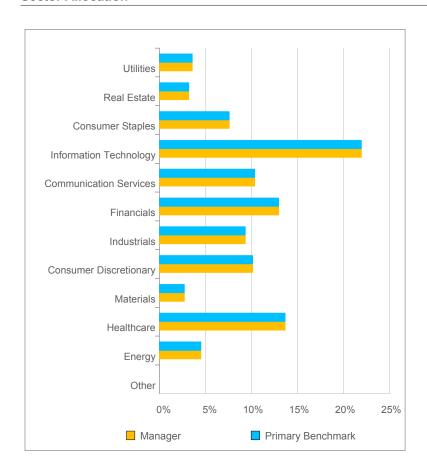
<sup>\*</sup> Manager data represents the most current available at the time of report publication.

#### iShares S&P 500 Index

#### **Equity Sector**

Report For Periods Ending September 30, 2019

#### **Sector Allocation**



	Sector W	eightings Primary	Market To	tal Returns	
Sector	Manager	Benchmark	3 Months	12 Months	
Utilities	4%	4%	9.3%	27.1%	
Real Estate	3	3	7.7	7.7	
Consumer Staples	8	8	6.1	16.9	
Information Technology	22	22	3.3	8.6	
Communication Services	10	10	2.2	5.7	
Financials	13	13	2.0	3.9	
Industrials	9	9	1.0	1.4	
Consumer Discretionary	10	10	0.5	2.4	
Materials	3	3	-0.1	2.7	
Healthcare	14	14	-2.3	-3.6	
Energy	5	5	-6.3	-19.2	
Other	0	0	-	-	

Top Five Holdings	Weighting
MICROSOFT CORP	4.3%
APPLE INC	3.8
AMAZON COM INC	2.9
FACEBOOK CLASS A INC	1.7
BERKSHIRE HATHAWAY INC CLASS B	1.6

Number of Holdings: 505

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<sup>\*</sup> Sector weightings may not add up to 100% due to rounding.

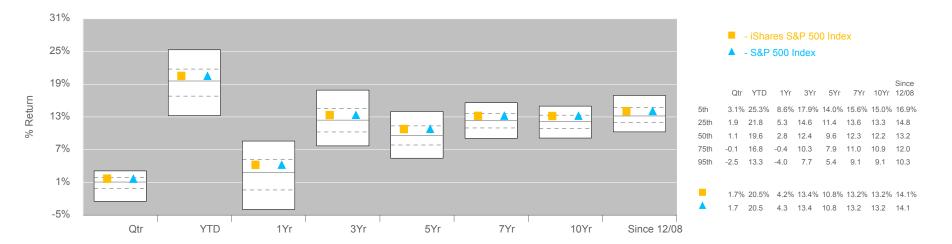
<sup>\*</sup> Manager data represents the most current available at the time of report publication.

<sup>\*</sup> Effective fourth quarter 2018, Telecommunication Services was replaced by Communication Services by the Global Industry Classification Standard (GICS). Some members of Consumer Discretionary, Technology, and Telecommunication Services were reclassified as Communication Services.

#### iShares S&P 500 Index

#### **Broad Large Cap Universe**

For Report Periods Ending September 30, 2019







## **Harbor Capital Appreciation**

#### **Summary of Performance and Statistics**

Performance Results	Qtr	YTD	1Yr	3Yr	5Yr	Since Inception	Inception Date	
Harbor Capital Appreciation	-2.1%	18.5%	-0.9%	16.3%	12.7%	15.6%	12/12	
Russell 1000 Growth Index	1.5	23.3	3.7	16.9	13.4	15.9		
S&P 500 Index	1.7	20.5	4.3	13.4	10.8	13.8		

Risk Statistics (5 years)	Beta	Alpha	R²	Standard Deviation	Tracking Error	Information Ratio
Harbor Capital Appreciation	1.09	-1.8%	0.92	16.5%	4.2%	-0.2
Russell 1000 Growth Index	1.00	0.0	1.00	14.6	0.0	
S&P 500 Index	0.90	-1.3	0.94	13.2	6.4	0.3

Portfolio Statistics	Trailing P/E	Trailing P/B	Wtd Avg Mkt Cap	Current Yield	Equity Annual Turnover
Harbor Capital Appreciation	34.5	9.0	303,854.6 M	0.7%	40.0%
Russell 1000 Growth Index	24.1	7.4	311,110.0	1.2	
S&P 500 Index	19.6	3.4	243,917.0	1.9	

Asset Growth Summary (in thousands)	Qtr	YTD
Beginning Market Value	\$ 45,478	\$ 39,537
Net Contributions/(Distributions)	\$ 0	\$ (2,285)
Market Appreciation/(Depreciation)	\$ (958)	\$ 7,268
Ending Market Value	\$ 44,520	\$ 44,520

<sup>\*</sup> Risk Statistics are based on monthly data.

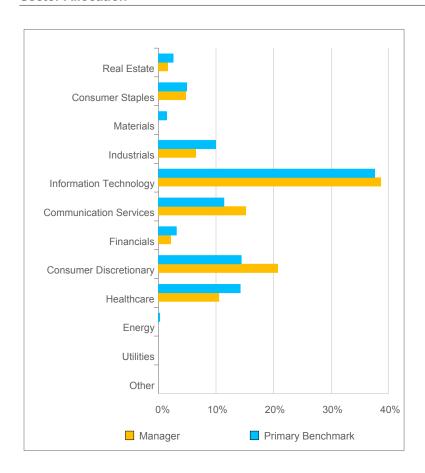
<sup>\*</sup> Manager data represents the most current available at the time of report publication.

### **Harbor Capital Appreciation**

#### **Equity Sector**

Report For Periods Ending September 30, 2019

#### **Sector Allocation**



	Sector W	eightings	Market To	tal Returns
Sector	Manager	Primary Benchmark	3 Months	12 Months
Real Estate	2%	3%	7.5%	30.0%
Consumer Staples	5	5	6.0	14.8
Materials	0	1	6.0	17.2
Industrials	6	10	3.4	2.9
Information Technology	39	38	2.6	7.5
Communication Services	15	11	0.9	0.5
Financials	2	3	0.8	9.4
Consumer Discretionary	21	14	-0.5	0.4
Healthcare	11	14	-2.6	-7.9
Energy	0	0	-7.7	-27.4
Utilities	0	0	-	-
Other	0	0	-	-

Top Five Holdings	Weighting
Amazon.com Inc	5.8%
Microsoft Corp	5.0
Mastercard Inc - Class A	4.1
Apple Inc	4.1
salesforce.com Inc	3.9

Number of Holdings: 57

<sup>\*</sup> Sector weightings may not add up to 100% due to rounding.

<sup>\*</sup> Manager data represents the most current available at the time of report publication.

<sup>\*</sup> Effective fourth quarter 2018, Telecommunication Services was replaced by Communication Services by the Global Industry Classification Standard (GICS). Some members of Consumer Discretionary, Technology, and Telecommunication Services were reclassified as Communication Services.

## **Harbor Capital Appreciation**

Large Cap Growth Universe

For Report Periods Ending September 30, 2019



- Harbor Capital Appreciation
- ▲ Russell 1000 Growth Index
- S&P 500 Index

	Qtr	YTD	1Yr	3Yr	5Yr	Since 12/12
5th	2.8%	27.2%	9.1%	18.9%	15.0%	17.1%
25th	1.1	23.3	4.5	17.1	13.3	15.6
50th	0.0	21.3	2.6	15.9	12.3	14.8
75th	-1.4	18.9	-0.3	14.1	10.8	13.8
95th	-5.4	13.9	-4.6	10.7	8.3	11.2
	-2.1%	18.5%	-0.9%	16.3%	12.7%	15.6%
<b>A</b>	1.5	23.3	3.7	16.9	13.4	15.9
•	1.7	20.5	4.3	13.4	10.8	13.8

Report From December 31, 2012 to September 30, 2019 5 Year Rolling Periods



## **Becker Capital Management**

#### **Summary of Performance and Statistics**

Performance Results	Qtr	YTD	1Yr	3Yr	5Yr	7Yr	10Yr	Since Inception	Inception Date
Becker Capital Management	0.6%	15.2%	-2.5%	7.3%	6.0%	10.6%	10.2%	13.5%	2/09
Russell 1000 Value Index	1.4	17.8	4.0	9.4	7.8	11.3	11.5	15.1	
S&P 500 Index	1.7	20.5	4.3	13.4	10.8	13.2	13.2	16.5	

Risk Statistics (5 years)	Beta	Alpha	R²	Standard Deviation	Tracking Error	Information Ratio
Becker Capital Management	1.09	-2.4%	0.96	14.1%	3.0%	-0.6
Russell 1000 Value Index	1.00	0.0	1.00	12.9	0.0	
S&P 500 Index	0.96	3.3	0.93	13.2	4.6	-1.0

Portfolio Statistics	Trailing P/E	Trailing P/B	Wtd Avg Mkt Cap	Current Yield	Equity Annual Turnover
Becker Capital Management	15.2	1.7	155.5 M	2.6%	32.0%
Russell 1000 Value Index	16.9	2.1	130,804.0	2.5	
S&P 500 Index	19.6	3.4	243,917.0	1.9	

Asset Growth Summary (in thousands)	Qtr	YTD
Beginning Market Value	\$ 36,439	\$ 33,522
Net Contributions/(Distributions)	\$ 0	\$ (1,809)
Market Appreciation/(Depreciation)	\$ 234	\$ 4,960
Ending Market Value	\$ 36,673	\$ 36,673

<sup>\*</sup> Risk Statistics are based on monthly data.

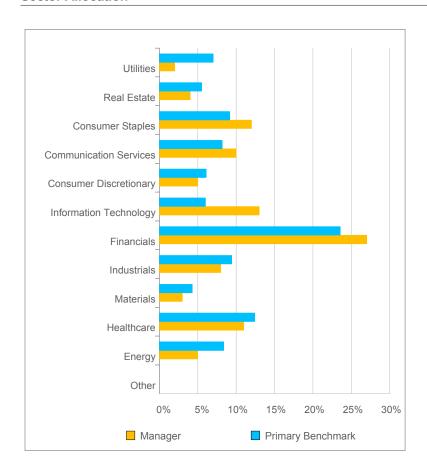
<sup>\*</sup> Manager data represents the most current available at the time of report publication.

### **Becker Capital Management**

#### **Equity Sector**

Report For Periods Ending September 30, 2019

#### **Sector Allocation**



	Sector W	eightings Primary	Market To	tal Returns
Sector	Manager	Benchmark	3 Months	12 Months
Utilities	2%	7%	8.3%	26.2%
Real Estate	4	6	8.0	18.6
Consumer Staples	12	9	5.9	17.0
Communication Services	10	8	3.8	14.5
Consumer Discretionary	5	6	3.3	5.5
Information Technology	13	6	3.0	10.4
Financials	27	24	2.2	2.9
Industrials	8	9	-1.9	0.1
Materials	3	4	-2.2	-4.8
Healthcare	11	12	-3.1	-0.3
Energy	5	8	-6.7	-20.9
Other	0	0	-	-

Top Five Holdings	Weighting
JPMorgan Chase & Co.	3.4%
Astrazeneca PLC Sponsored ADR	3.4
AT&T Inc.	3.3
PNC Financial Services Group, Inc.	2.8
Royal Dutch Shell Plc Sponsored ADR	2.8

Number of Holdings: 50

<sup>\*</sup> Sector weightings may not add up to 100% due to rounding.

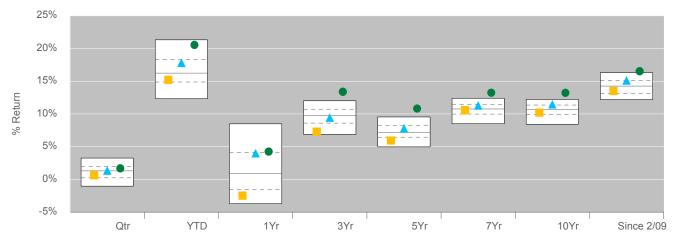
<sup>\*</sup> Manager data represents the most current available at the time of report publication.

<sup>\*</sup> Effective fourth quarter 2018, Telecommunication Services was replaced by Communication Services by the Global Industry Classification Standard (GICS). Some members of Consumer Discretionary, Technology, and Telecommunication Services were reclassified as Communication Services.

## **Becker Capital Management**

**Large Cap Value Universe** 

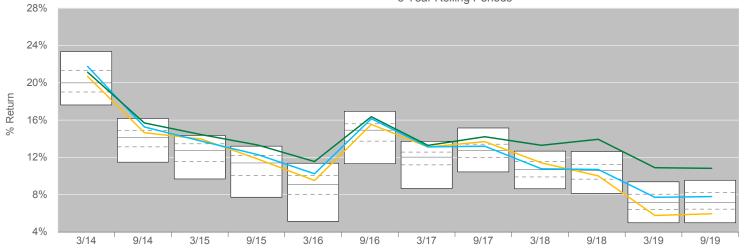
For Report Periods Ending September 30, 2019



- Becker Capital Management
- ▲ Russell 1000 Value Index
- S&P 500 Index

	Qtr	YTD	1Yr	3Yr	5Yr	7Yr	10Yr	Since 2/09
5th	3.3%	21.3%	8.5%	12.0%	9.5%	12.4%	12.2%	16.3%
25th	2.0	18.3	4.1	10.7	8.2	11.5	11.4	15.1
50th	1.3	16.3	0.9	9.8	7.2	10.8	10.7	14.3
75th	0.3	14.9	-1.6	8.6	6.5	10.0	9.9	13.1
95th	-1.0	12.3	-3.7	6.9	5.0	8.5	8.4	12.2
	0.6%	15.2%	-2.5%	7.3%	6.0%	10.6%	10.2%	13.5%
<b>A</b>	1.4	17.8	4.0	9.4	7.8	11.3	11.5	15.1
•	1.7	20.5	4.3	13.4	10.8	13.2	13.2	16.5

Report From March 31, 2009 to September 30, 2019 5 Year Rolling Periods



## **WEDGE Capital Management**

#### **Summary of Performance and Statistics**

Performance Results	Qtr	YTD	1Yr	3Yr	5Yr	7Yr	10Yr	Since Inception	Inception Date
WEDGE Capital Management	1.9%	18.1%	-1.8%	8.0%	8.7%	12.9%	11.2%	14.9%	2/09
Russell 1000 Value Index	1.4	17.8	4.0	9.4	7.8	11.3	11.5	15.1	
S&P 500 Index	1.7	20.5	4.3	13.4	10.8	13.2	13.2	16.5	

Risk Statistics (5 years)	Beta	Alpha	R²	Standard Deviation	Tracking Error	Information Ratio
WEDGE Capital Management	1.00	0.9%	0.88	13.9%	4.4%	0.2
Russell 1000 Value Index	1.00	0.0	1.00	12.9	0.0	
S&P 500 Index	0.96	3.3	0.93	13.2	5.2	-0.4

Portfolio Statistics	Trailing P/E	Trailing P/B	Wtd Avg Mkt Cap	Current Yield	Equity Annual Turnover
WEDGE Capital Management	18.8	2.0	82,690.0 M	1.6%	30.0%
Russell 1000 Value Index	16.9	2.1	130,804.0	2.5	
S&P 500 Index	19.6	3.4	243,917.0	1.9	

Asset Growth Summary (in thousands)	Qtr	YTD
Beginning Market Value	\$ 36,487	\$ 33,126
Net Contributions/(Distributions)	\$ 0	\$ (1,813)
Market Appreciation/(Depreciation)	\$ 689	\$ 5,863
Ending Market Value	\$ 37,176	\$ 37,176

<sup>\*</sup> Risk Statistics are based on monthly data.

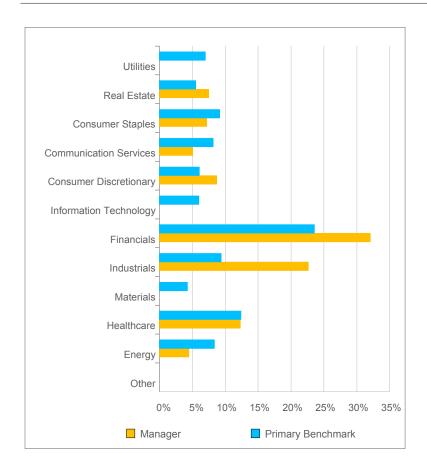
<sup>\*</sup> Manager data represents the most current available at the time of report publication.

### **WEDGE Capital Management**

#### **Equity Sector**

Report For Periods Ending September 30, 2019

#### **Sector Allocation**



	Sector W	eightings Primary	Market To	tal Returns
Sector	Manager	Benchmark	3 Months	12 Months
Utilities	0%	7%	8.3%	26.2%
Real Estate	8	6	8.0	18.6
Consumer Staples	7	9	5.9	17.0
Communication Services	5	8	3.8	14.5
Consumer Discretionary	9	6	3.3	5.5
Information Technology	0	6	3.0	10.4
Financials	32	24	2.2	2.9
Industrials	23	9	-1.9	0.1
Materials	0	4	-2.2	-4.8
Healthcare	12	12	-3.1	-0.3
Energy	5	8	-6.7	-20.9
Other	0	0	-	-

Top Five Holdings	Weighting
Berkshire Hathaway Inc	4.9%
Liberty Broadband Corp	4.9
Markel Corp	4.8
American Intl Group Inc	4.7
HCA Healthcare Inc	4.7

Number of Holdings: 31

<sup>\*</sup> Sector weightings may not add up to 100% due to rounding.

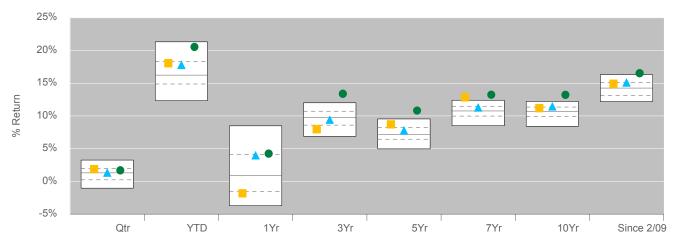
<sup>\*</sup> Manager data represents the most current available at the time of report publication.

<sup>\*</sup> Effective fourth quarter 2018, Telecommunication Services was replaced by Communication Services by the Global Industry Classification Standard (GICS). Some members of Consumer Discretionary, Technology, and Telecommunication Services were reclassified as Communication Services.

## **WEDGE Capital Management**

**Large Cap Value Universe** 

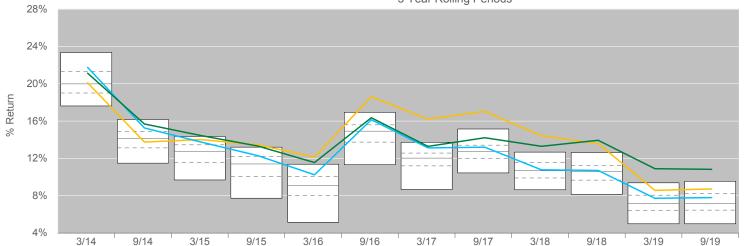
For Report Periods Ending September 30, 2019



- WEDGE Capital Management
- ▲ Russell 1000 Value Index
- S&P 500 Index

	Qtr	YTD	1Yr	3Yr	5Yr	7Yr	10Yr	Since 2/09
5th	3.3%	21.3%	8.5%	12.0%	9.5%	12.4%	12.2%	16.3%
25th	2.0	18.3	4.1	10.7	8.2	11.5	11.4	15.1
50th	1.3	16.3	0.9	9.8	7.2	10.8	10.7	14.3
75th	0.3	14.9	-1.6	8.6	6.5	10.0	9.9	13.1
95th	-1.0	12.3	-3.7	6.9	5.0	8.5	8.4	12.2
	1.9%	18.1%	-1.8%	8.0%	8.7%	12.9%	11.2%	14.9%
<b>A</b>	1.4	17.8	4.0	9.4	7.8	11.3	11.5	15.1
•	1.7	20.5	4.3	13.4	10.8	13.2	13.2	16.5

Report From March 31, 2009 to September 30, 2019 5 Year Rolling Periods



## **Westfield Capital Management**

#### **Summary of Performance and Statistics**

Performance Results	Qtr	YTD	1Yr	3Yr	5Yr	7Yr	10Yr	Since Inception	Inception Date
Westfield Capital Management	-1.9%	25.2%	-3.7%	12.6%	9.0%	12.2%	12.6%	8.0%	5/01
Russell 2000 Growth Index	-4.2	15.3	-9.6	9.8	9.1	11.4	12.2	7.1	
Russell 2000 Index	-2.4	14.2	-8.9	8.2	8.2	10.4	11.2	7.7	

Risk Statistics (5 years)	Beta	Alpha	R²	Standard Deviation	Tracking Error	Information Ratio
Westfield Capital Management	0.94	0.5%	0.93	18.2%	4.5%	0.0
Russell 2000 Growth Index	1.00	0.0	1.00	18.7	0.0	
Russell 2000 Index	0.94	-0.4	0.96	17.7	6.3	0.1

Portfolio Statistics	Trailing P/E	Trailing P/B	Wtd Avg Mkt Cap	Current Yield	Equity Annual Turnover
Westfield Capital Management	24.2	3.5	5,192.6M	0.6%	71.7%
Russell 2000 Growth Index	23.9	4.1	2,935.0	0.7	
Russell 2000 Index	19.3	2.3	2,591.0	1.4	

Asset Growth Summary (in thousands)	Qtr	YTD
Beginning Market Value	\$ 19,202	\$ 15,045
Net Contributions/(Distributions)	\$ 0	\$ 0
Market Appreciation/(Depreciation)	\$ (367)	\$ 3,790
Ending Market Value	\$ 18,835	\$ 18,835

<sup>\*</sup> Risk Statistics are based on monthly data.

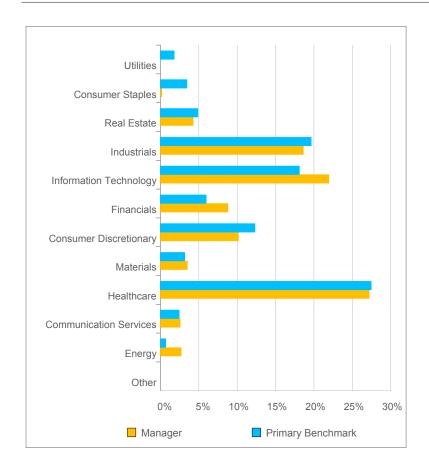
<sup>\*</sup> Manager data represents the most current available at the time of report publication.

### **Westfield Capital Management**

#### **Equity Sector**

Report For Periods Ending September 30, 2019

#### **Sector Allocation**



	Sector W	eightings Primary	Market To	tal Returns
Sector	Manager	Benchmark	3 Months	12 Months
Utilities	0%	2%	9.2%	26.4%
Consumer Staples	0	3	3.6	-2.1
Real Estate	4	5	3.0	8.9
Industrials	19	20	-0.1	-3.9
Information Technology	22	18	-2.2	3.3
Financials	9	6	-2.6	-8.4
Consumer Discretionary	10	12	-4.1	-10.5
Materials	4	3	-6.2	-17.7
Healthcare	27	27	-9.8	-19.8
Communication Services	3	2	-10.8	-19.2
Energy	3	1	-20.4	-47.6
Other	0	0	-	-

Top Five Holdings	Weighting
Medicines Company	3.0%
TopBuild Corp.	2.9
Teledyne Technologies Incorporated	2.8
HEICO Corporation Class A	2.8
Bio-Rad Laboratories	2.7

Number of Holdings: 72

<sup>\*</sup> Sector weightings may not add up to 100% due to rounding.

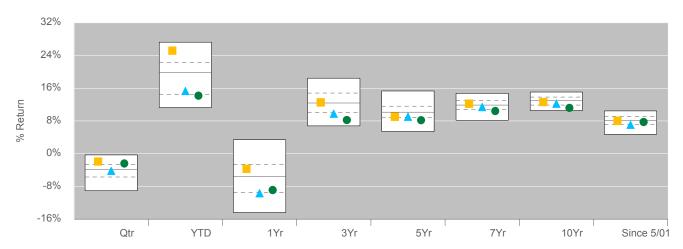
<sup>\*</sup> Manager data represents the most current available at the time of report publication.

<sup>\*</sup> Effective fourth quarter 2018, Telecommunication Services was replaced by Communication Services by the Global Industry Classification Standard (GICS). Some members of Consumer Discretionary, Technology, and Telecommunication Services were reclassified as Communication Services.

## **Westfield Capital Management**

**Small Cap Growth Universe** 

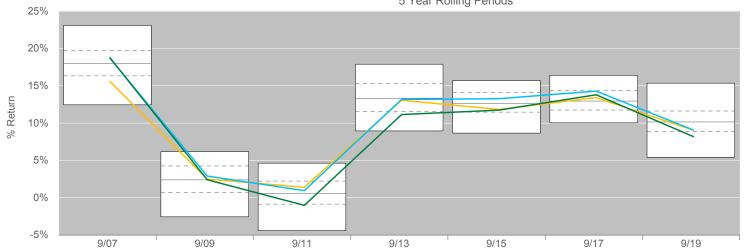
For Report Periods Ending September 30, 2019



- Westfield Capital Management
- ▲ Russell 2000 Growth Index
- Russell 2000 Index

	Qtr	YTD	1Yr	3Yr	5Yr	7Yr	10Yr	Since 5/01
5th	-0.3%	27.2%	3.4%	18.5%	15.3%	14.8%	15.1%	10.4%
25th	-2.7	22.3	-2.6	14.8	11.6	13.0	13.9	9.1
50th	-3.9	19.9	-5.6	12.4	10.1	11.9	13.0	8.2
75th	-5.7	14.5	-9.5	10.1	8.9	10.8	11.9	7.1
95th	-9.1	11.3	14.4	6.8	5.4	8.2	10.5	4.7
	-1.9%	25.2%	-3.7%	12.6%	9.0%	12.2%	12.6%	8.0%
<b>A</b>	-4.2	15.3	-9.6	9.8	9.1	11.4	12.2	7.1
•	-2.4	14.2	-8.9	8.2	8.2	10.4	11.2	7.7

Report From September 30, 2002 to September 30, 2019 5 Year Rolling Periods



## **Vulcan Small Cap Value**

#### **Summary of Performance and Statistics**

Performance Results	Qtr	YTD	1Yr	3Yr	Since Inception	Inception Date
Vulcan Small Cap Value	0.1%	21.1%	1.9%	7.4%	5.1%	4/15
Russell 2000 Value Index	-0.6	12.8	-8.2	6.5	6.0	
Russell 2000 Index	-2.4	14.2	-8.9	8.2	6.6	

Risk Statistics (Since 4/15)	Beta	Alpha	R²	Standard Deviation	Tracking Error	Information Ratio
Vulcan Small Cap Value	0.87	-0.3%	0.79	17.1%	7.7%	-0.1
Russell 2000 Value Index	1.00	0.0	1.00	17.7	0.0	
Russell 2000 Index	0.98	0.7	0.95	17.9	7.5	-0.2

Portfolio Statistics	Trailing P/E	Trailing P/B	Wtd Avg Mkt Cap	Current Yield	Equity Annual Turnover
Vulcan Small Cap Value	14.5	2.1	3,550.0 M	1.5%	67.1%
Russell 2000 Value Index	16.3	1.5	2,207.0	2.2	
Russell 2000 Index	19.3	2.3	2,591.0	1.4	

Asset Growth Summary (in thousands)	Qtr	YTD
Beginning Market Value	\$ 13,536	\$ 11,183
Net Contributions/(Distributions)	\$ 0	\$ 0
Market Appreciation/(Depreciation)	\$ 8	\$ 2,361
Ending Market Value	\$ 13,544	\$ 13,544

<sup>\*</sup> Risk Statistics are based on monthly data.

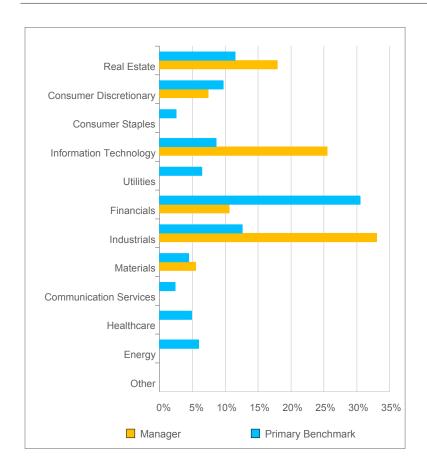
<sup>\*</sup> Manager data represents the most current available at the time of report publication.

## **Vulcan Small Cap Value**

#### **Equity Sector**

Report For Periods Ending September 30, 2019

#### **Sector Allocation**



	Sector W	eightings Primary	Market To	tal Returns
Sector	Manager	Benchmark	3 Months	12 Months
Real Estate	18%	12%	5.8%	7.0%
Consumer Discretionary	7	10	5.3	-11.6
Consumer Staples	0	3	4.7	-11.2
Information Technology	25	9	4.6	8.0
Utilities	0	6	4.4	18.8
Financials	11	30	0.2	-4.1
Industrials	33	13	-1.4	-6.3
Materials	6	4	-5.0	-20.5
Communication Services	0	2	-5.5	-18.8
Healthcare	0	5	-8.0	-32.8
Energy	0	6	-21.0	-49.8
Other	0	0	-	-

Top Five Holdings	Weighting
Cushman & Wakefield Plc	6.1%
Coherent Inc.	6.0
Resideo Technologies Inc	5.9
Ibstock Plc	5.2
Jones Lang LaSalle Inc.	5.0

Number of Holdings: 27

<sup>\*</sup> Sector weightings may not add up to 100% due to rounding.

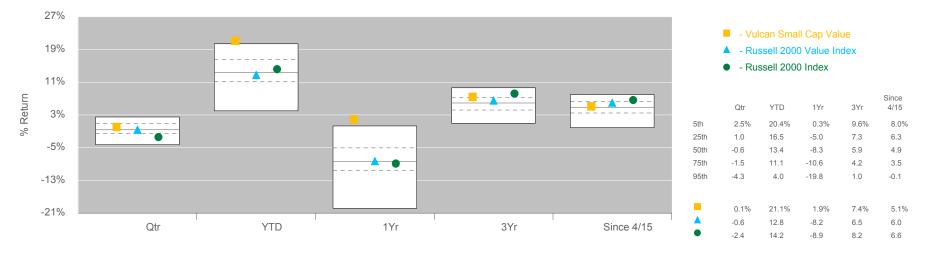
<sup>\*</sup> Manager data represents the most current available at the time of report publication.

<sup>\*</sup> Effective fourth quarter 2018, Telecommunication Services was replaced by Communication Services by the Global Industry Classification Standard (GICS). Some members of Consumer Discretionary, Technology, and Telecommunication Services were reclassified as Communication Services.

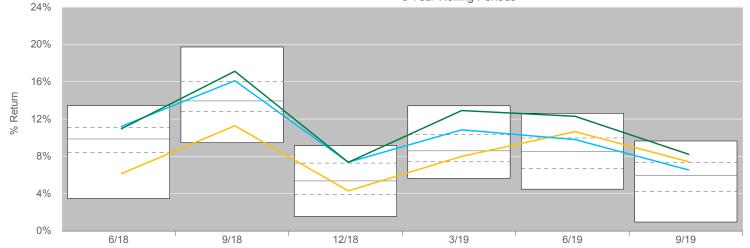
## **Vulcan Small Cap Value**

**Small Cap Value Universe** 

For Report Periods Ending September 30, 2019







### **NewSouth SMID Value**

#### **Summary of Performance and Statistics**

Performance Results	Qtr	YTD	1Yr	3Yr	Since Inception	Inception Date
NewSouth SMID Value	-0.6%	19.1%	4.6%	9.3%	7.2%	10/14
Russell 2500 Value Index	0.1	15.4	-4.4	6.9	6.2	
Russell 2500 Index	-1.3	17.7	-4.0	9.5	7.8	

Risk Statistics (Since 10/14)	Beta	Alpha	R²	Standard Deviation	Tracking Error	Information Ratio
NewSouth SMID Value	0.78	2.2%	0.77	13.5%	6.8%	0.2
Russell 2500 Value Index	1.00	0.0	1.00	15.2	0.0	
Russell 2500 Index	1.01	1.6	0.96	15.9	6.4	-0.1

Portfolio Statistics	Trailing P/E	Trailing P/B	Wtd Avg Mkt Cap	Current Yield	Equity Annual Turnover
NewSouth SMID Value	16.1	3.7	20,895.0 M	1.3%	9.8%
Russell 2500 Value Index	17.5	1.7	5,188.0	2.3	
Russell 2500 Index	20.0	2.5	5,806.0	1.6	

Asset Growth Summary (in thousands)	Qtr	YTD
Beginning Market Value	\$ 14,282	\$ 11,921
Net Contributions/(Distributions)	\$ 0	\$ 0
Market Appreciation/(Depreciation)	\$ (84)	\$ 2,277
Ending Market Value	\$ 14,198	\$ 14,198

<sup>\*</sup> Risk Statistics are based on monthly data.

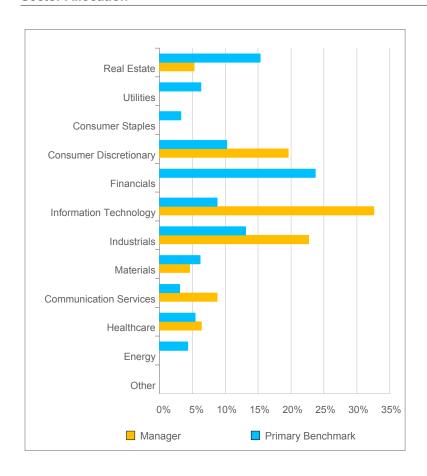
<sup>\*</sup> Manager data represents the most current available at the time of report publication.

#### **NewSouth SMID Value**

#### **Equity Sector**

Report For Periods Ending September 30, 2019

#### **Sector Allocation**



	Sector W	eightings Primary	Market To	Market Total Returns		
Sector	Manager	Benchmark	3 Months	12 Months		
Real Estate	5%	15%	6.9%	11.4%		
Utilities	0	6	6.4	18.4		
Consumer Staples	0	3	3.9	-3.1		
Consumer Discretionary	20	10	2.5	-11.8		
Financials	0	24	1.4	-0.9		
Information Technology	33	9	1.2	7.3		
Industrials	23	13	-1.3	-4.5		
Materials	5	6	-2.4	-11.9		
Communication Services	9	3	-5.7	-10.0		
Healthcare	6	5	-9.8	-16.9		
Energy	0	4	-17.5	-50.2		
Other	0	0	-	-		

Top Five Holdings	Weighting
Open Text Corp	6.6%
Autozone	6.5
Thermo Fisher Scientific Inc	6.1
Fiserv Inc	5.9
Aerojet Rocketdyne Holdings	5.5

Number of Holdings: 24

<sup>\*</sup> Sector weightings may not add up to 100% due to rounding.

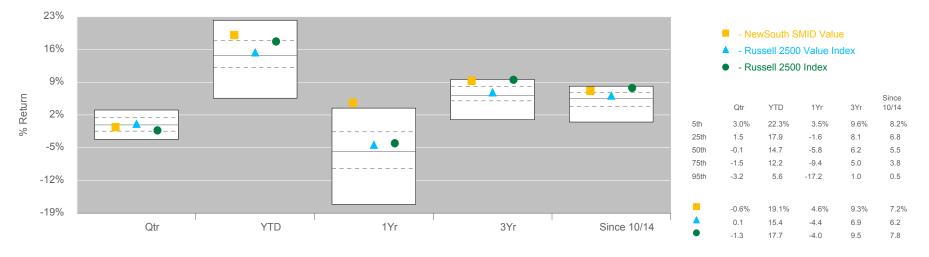
<sup>\*</sup> Manager data represents the most current available at the time of report publication.

<sup>\*</sup> Effective fourth quarter 2018, Telecommunication Services was replaced by Communication Services by the Global Industry Classification Standard (GICS). Some members of Consumer Discretionary, Technology, and Telecommunication Services were reclassified as Communication Services.

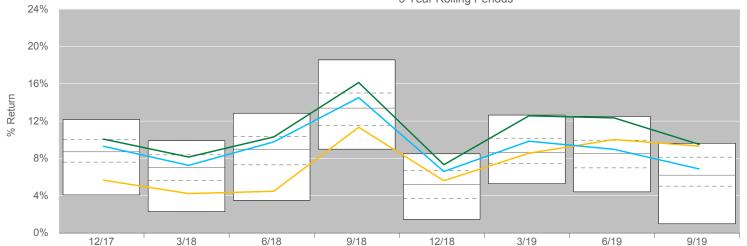
## **NewSouth SMID Value**

**Small-Mid Cap Value Universe** 

For Report Periods Ending September 30, 2019







## **Artisan International**

## **Summary of Performance and Statistics**

Performance Results	Qtr	YTD	1Yr	3Yr	5Yr	7Yr	10Yr	Since Inception	Inception Date
Artisan International	0.5%	20.0%	6.5%	8.9%	4.3%	7.1%	7.0%	6.0%	5/01
MSCI EAFE Growth Index	-0.4	17.9	2.2	7.8	5.5	7.5	6.5	5.0	
MSCI EAFE Index	-1.1	12.8	-1.3	6.5	3.3	6.1	4.9	4.7	

Risk Statistics (5 years)	Beta	Alpha	R²	Standard Deviation	Tracking Error	Information Ratio
Artisan International	0.94	-0.9%	0.87	12.8%	4.5%	-0.3
MSCI EAFE Growth Index	1.00	0.0	1.00	12.8	0.0	
MSCI EAFE Index	0.98	-2.1	0.94	12.8	5.2	0.2

Portfolio Statistics	Trailing P/E	Trailing P/B	Wtd Avg Mkt Cap	Current Yield	Equity Annual Turnover
Artisan International	21.0	5.9	101,156.5 M	2.2%	41.0%
MSCI EAFE Growth Index	21.0	3.0	55,723.8	2.1	
MSCI EAFE Index	15.3	1.6	52,918.5	3.4	

Asset Growth Summary (in thousands)	Qtr	YTD
Beginning Market Value	\$ 27,039	\$ 22,639
Net Contributions/(Distributions)	\$ 0	\$ 0
Market Appreciation/(Depreciation)	\$ 124	\$ 4,524
Ending Market Value	\$ 27,163	\$ 27,163

<sup>\*</sup> Risk Statistics are based on monthly data. MSCI does not compute the Weighted Average Market Capitalization - the average market capitalization is used as the best available representation.

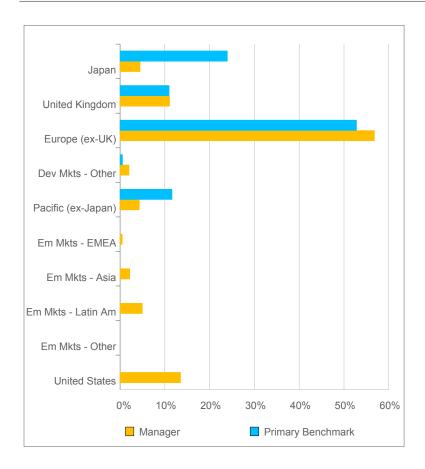
<sup>\*</sup> Manager data represents the most current available at the time of report publication.

## **Artisan International**

#### **International Sector**

Report For Periods Ending September 30, 2019

## **Region Allocation**



	Region W	leightings Primary	Market To	tal Returns
Region	Manager	Benchmark	3 Months	12 Months
Japan	4%	24%	3.9%	-3.1%
United Kingdom	11	11	0.9	5.6
Europe (ex-UK)	57	53	-1.7	3.1
Dev Mkts - Other	2	1	-3.3	5.0
Pacific (ex-Japan)	4	12	-4.3	5.8
Em Mkts - EMEA	1	0	-	-
Em Mkts - Asia	2	0	-	-
Em Mkts - Latin Am	5	0	-	-
Em Mkts - Other	0	0	-	-
United States	14	0	-	-

<b>Top Five Countries</b>	Weighting
Germany	19.6%
France	14.4
United States	13.5
United Kingdom	11.1
Switzerland	8.2

Number of Holdings: 62

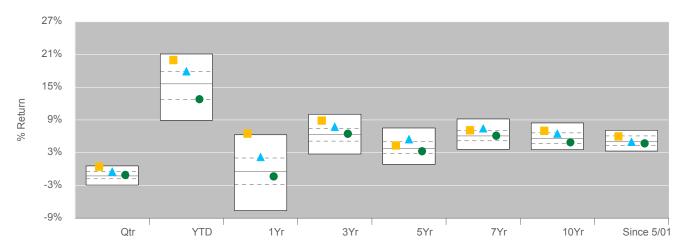
<sup>\*</sup> Sector weightings may not add up to 100% due to rounding.

<sup>\*</sup> Manager data represents the most current available at the time of report publication.

## **Artisan International**

#### **International Growth Universe**

For Report Periods Ending September 30, 2019



- Artisan International
- ▲ MSCI EAFE Growth Index
- MSCI EAFE Index

	Qtr	YTD	1Yr	3Yr	5Yr	7Yr		Since 5/01
5th	0.6%	21.1%	6.3%	10.1%	7.5%	9.2%	8.4%	7.1%
25th	-0.5	17.9	2.1	7.4	5.0	7.1	6.6	6.1
50th	-1.3	15.6	-0.5	6.4	3.8	6.1	5.6	5.0
75th	-1.8	12.7	-2.9	5.1	2.9	5.2	4.7	4.3
95th	-3.0	8.9	-7.6	2.7	0.9	3.6	3.6	3.3
	0.5%	20.0%	6.5%	8.9%	4.3%	7.1%	7.0%	6.0%
<b>A</b>	-0.4	17.9	2.2	7.8	5.5	7.5	6.5	5.0
•	-1.1	12.8	-1.3	6.5	3.3	6.1	4.9	4.7

## Report From September 30, 2002 to September 30, 2019 5 Year Rolling Periods



## **EuroPacific Growth**

## **Summary of Performance and Statistics**

Performance Results	Qtr	YTD	1Yr	3Yr	5Yr	7Yr	10Yr	Since Inception	Inception Date
EuroPacific Growth	-1.7%	15.5%	0.8%	7.3%	4.8%	6.9%	5.8%	6.3%	5/01
MSCI AC World Index ex-US	-1.8	11.6	-1.2	6.3	2.9	5.0	4.5	5.2	
MSCI EAFE Index	-1.1	12.8	-1.3	6.5	3.3	6.1	4.9	4.7	

Risk Statistics (5 years)	Beta	Alpha	R²	Standard Deviation	Tracking Error	Information Ratio
EuroPacific Growth	0.93	2.1%	0.91	12.9%	3.7%	0.5
MSCI AC World Index ex-US	1.00	0.0	1.00	13.0	0.0	
MSCI EAFE Index	0.96	0.4	0.97	12.8	4.2	0.4

Portfolio Statistics	Trailing P/E	Trailing P/B	Wtd Avg Mkt Cap	Current Yield	Equity Annual Turnover
EuroPacific Growth	17.5	2.2	76,118.0 M	1.8%	35.0%
MSCI AC World Index ex-US	14.8	1.6	51,452.4	3.2	
MSCI EAFE Index	15.3	1.6	52,918.5	3.4	

Asset Growth Summary (in thousands)	Qtr	YTD
Beginning Market Value	\$ 25,391	\$ 21,627
Net Contributions/(Distributions)	\$ 0	\$ 0
Market Appreciation/(Depreciation)	\$ (421)	\$ 3,343
Ending Market Value	\$ 24,970	\$ 24,970

<sup>\*</sup> Risk Statistics are based on monthly data. MSCI does not compute the Weighted Average Market Capitalization - the average market capitalization is used as the best available representation.

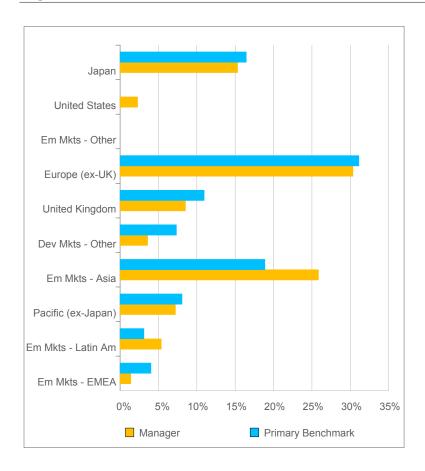
<sup>\*</sup> Manager data represents the most current available at the time of report publication.

## **EuroPacific Growth**

#### **International Sector**

Report For Periods Ending September 30, 2019

## **Region Allocation**



	Region W	leightings Primary	Market To	tal Returns
Region	Manager	Benchmark	3 Months	12 Months
Japan	15%	16%	3.1%	-4.7%
United States	2	0	1.4	3.5
Em Mkts - Other	0	0	-1.1	5.9
Europe (ex-UK)	30	31	-1.6	0.0
United Kingdom	9	11	-2.5	-2.9
Dev Mkts - Other	4	7	-3.7	-12.5
Em Mkts - Asia	26	19	-4.2	-6.0
Pacific (ex-Japan)	7	8	-5.2	3.0
Em Mkts - Latin Am	5	3	-5.6	6.7
Em Mkts - EMEA	1	4	-7.0	0.9

<b>Top Five Countries</b>	Weighting
Japan	15.3%
India	8.5
United Kingdom	8.5
China	8.4
France	8.3

Number of Holdings: 311

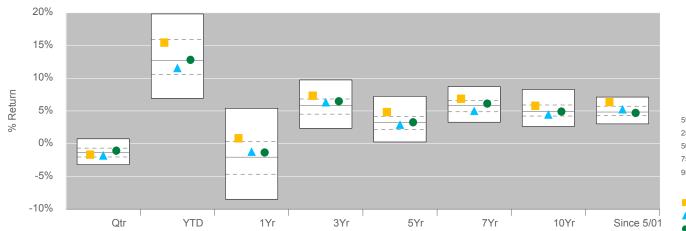
<sup>\*</sup> Sector weightings may not add up to 100% due to rounding.

<sup>\*</sup> Manager data represents the most current available at the time of report publication.

## **EuroPacific Growth**

## **International Equity Universe**

For Report Periods Ending September 30, 2019



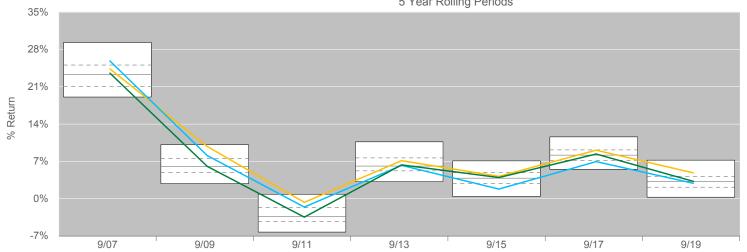
#### - EuroPacific Growth

▲ - MSCI AC World Index ex-US

- MSCI EAFE Index

	Qtr	YTD	1Yr	ЗҮг	5Yr	7Yr	10Yr	Since 5/01
5th	0.7%	19.8%	5.4%	9.7%	7.2%	8.7%	8.3%	7.1%
25th	-0.7	15.9	0.4	6.8	4.2	6.6	5.9	5.7
50th	-1.3	12.7	-2.0	5.8	3.2	5.8	4.9	4.8
75th	-2.0	10.6	-4.6	4.5	2.2	4.9	4.2	4.3
95th	-3.2	6.9	-8.5	2.4	0.3	3.3	2.6	3.0
	-1.7%	15.5%	0.8%	7.3%	4.8%	6.9%	5.8%	6.3%
<b>A</b>	-1.8	11.6	-1.2	6.3	2.9	5.0	4.5	5.2
•	-1.1	12.8	-1.3	6.5	3.3	6.1	4.9	4.7

Report From September 30, 2002 to September 30, 2019 5 Year Rolling Periods



## **Dodge & Cox International**

## **Summary of Performance and Statistics**

Performance Results	Qtr	YTD	1Yr	3Yr	5Yr	7Yr	10Yr	Since Inception	Inception Date
Dodge & Cox International	-1.7%	11.0%	-2.8%	5.2%	0.6%	5.9%	4.9%	1.9%	7/07
MSCI EAFE Value Index	-1.7	7.7	-4.9	5.1	1.0	4.7	3.2	0.1	
MSCI EAFE Index	-1.1	12.8	-1.3	6.5	3.3	6.1	4.9	1.5	

Risk Statistics (5 years)	Beta	Alpha	R²	Standard Deviation	Tracking Error	Information Ratio
Dodge & Cox International	1.07	-0.4%	0.89	15.2%	5.0%	-0.1
MSCI EAFE Value Index	1.00	0.0	1.00	13.4	0.0	
MSCI EAFE Index	0.91	2.3	0.95	12.8	5.8	-0.5

Portfolio Statistics	Trailing P/E	Trailing P/B	Wtd Avg Mkt Cap	Current Yield	Equity Annual Turnover
Dodge & Cox International	13.0	1.1	68,000.0 M	3.8%	17.0%
MSCI EAFE Value Index	11.8	1.1	44,715.5	4.8	
MSCI EAFE Index	15.3	1.6	52,918.5	3.4	

Asset Growth Summary (in thousands)	Qtr	YTD
Beginning Market Value	\$ 24,966	\$ 22,120
Net Contributions/(Distributions)	\$ 0	\$ 0
Market Appreciation/(Depreciation)	\$ (415)	\$ 2,431
Ending Market Value	\$ 24,551	\$ 24,551

<sup>\*</sup> Risk Statistics are based on monthly data. MSCI does not compute the Weighted Average Market Capitalization - the average market capitalization is used as the best available representation.

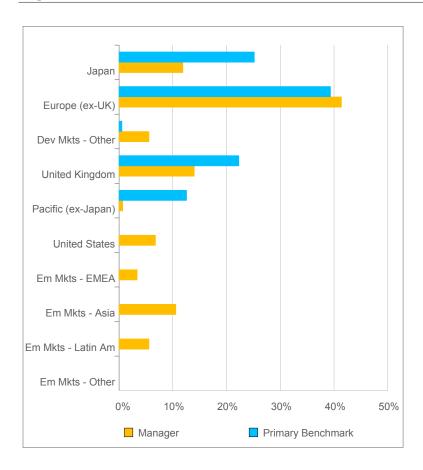
<sup>\*</sup> Manager data represents the most current available at the time of report publication.

## **Dodge & Cox International**

#### **International Sector**

Report For Periods Ending September 30, 2019

## **Region Allocation**



	Region W	/eightings	Market To	tal Returns
Region	Manager	Primary Benchmark	3 Months	12 Months
Japan	12%	25%	2.3%	-6.4%
Europe (ex-UK)	41	39	-1.3	-4.1
Dev Mkts - Other	6	1	-4.2	-30.3
United Kingdom	14	22	-4.2	-7.0
Pacific (ex-Japan)	1	13	-6.1	0.4
United States	7	0	-	-
Em Mkts - EMEA	3	0	-	-
Em Mkts - Asia	11	0	-	-
Em Mkts - Latin Am	6	0	-	-
Em Mkts - Other	0	0	-	-

Top Five Countries	Weighting
United Kingdom	14.0%
Switzerland	13.4
France	13.0
Japan	11.9
United States	6.8

Number of Holdings: 69

<sup>\*</sup> Sector weightings may not add up to 100% due to rounding.

<sup>\*</sup> Manager data represents the most current available at the time of report publication.

## **Dodge & Cox International**

**International Value Universe** 

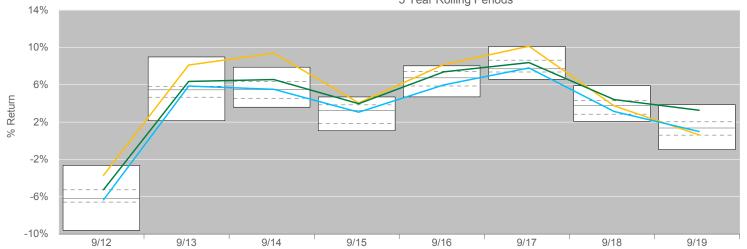
For Report Periods Ending September 30, 2019



- Dodge & Cox International
- ▲ MSCI EAFE Value Index
- MSCI EAFE Index

	Qtr	YTD	1Yr	3Yr	5Yr	7Yr		Since 7/07
5th	-0.3%	13.4%	-3.2%	6.1%	3.9%	6.5%	5.1%	2.1%
25th	-1.1	10.5	-4.8	4.9	2.0	5.2	3.9	1.0
50th	-1.8	8.9	-5.7	3.9	1.4	4.3	3.4	0.4
75th	-2.5	7.2	-8.3	3.0	0.6	4.1	3.0	0.0
95th	-3.6	3.1	-10.8	1.3	-1.0	3.2	2.6	-1.0
	-1.7%	11.0%	-2.8%	5.2%	0.6%	5.9%	4.9%	1.9%
<b>A</b>	-1.7	7.7	-4.9	5.1	1.0	4.7	3.2	0.1
•	-1.1	12.8	-1.3	6.5	3.3	6.1	4.9	1.5

Report From September 30, 2007 to September 30, 2019 5 Year Rolling Periods



## **DFA Emerging Markets Value**

## **Summary of Performance and Statistics**

Performance Results	Qtr	YTD	1Yr	3Yr	5Yr	7Yr	Since Inception	Inception Date
DFA Emerging Markets Value	-7.0%	0.0%	-7.2%	5.3%	1.4%	1.7%	-0.8%	5/11
MSCI Emerging Markets Value Index	-6.5	1.8	-5.0	4.8	0.4	0.5	-1.0	

Risk Statistics (5 years)	Beta	Alpha	R²	Standard Deviation	Tracking Error	Information Ratio
DFA Emerging Markets Value	1.01	1.1%	0.98	17.1%	2.4%	0.4
MSCI Emerging Markets Value Index	1.00	0.0	1.00	16.5	0.0	

Portfolio Statistics	Trailing P/E	Trailing P/B	Wtd Avg Mkt Cap	Current Yield	Equity Annual Turnover
DFA Emerging Markets Value	9.6	0.9	32,781.7 M	3.3%	13.0%
MSCI Emerging Markets Value Index	9.8	1.1	17,163.3	4.2	

Asset Growth Summary (in thousands)	Qtr	YTD
Beginning Market Value	\$ 14,445	\$ 13,443
Net Contributions/(Distributions)	\$ 0	\$ 0
Market Appreciation/(Depreciation)	\$ (1,008)	\$ (6)
Ending Market Value	\$ 13,437	\$ 13,437

<sup>\*</sup> Risk Statistics are based on monthly data. MSCI does not compute the Weighted Average Market Capitalization - the average market capitalization is used as the best available representation.

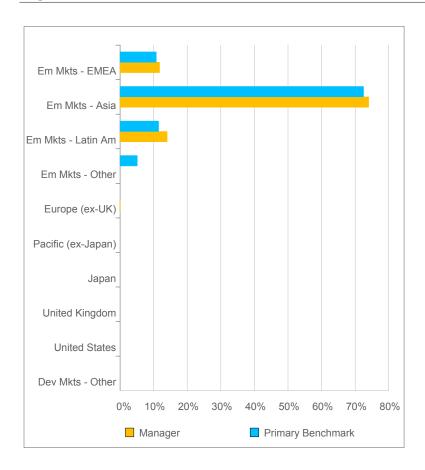
<sup>\*</sup> Manager data represents the most current available at the time of report publication.

## **DFA Emerging Markets Value**

## **Emerging Markets Sector**

Report For Periods Ending September 30, 2019

## **Region Allocation**



	Region W	eightings Primary	Market To	tal Returns
Region	Manager	Benchmark	3 Months	12 Months
Em Mkts - EMEA	12%	11%	-3.3%	7.9%
Em Mkts - Asia	74	73	-5.7	-6.8
Em Mkts - Latin Am	14	11	-8.4	3.3
Em Mkts - Other	0	5	-	-
Europe (ex-UK)	0	0	-	-
Pacific (ex-Japan)	0	0	-	-
Japan	0	0	-	-
United Kingdom	0	0	-	-
United States	0	0	-	-
Dev Mkts - Other	0	0	-	-

<b>Top Five Countries</b>	Weighting
Taiwan	17.4%
China	17.1
Korea, South	16.2
India	13.1
Brazil	9.5

Number of Holdings: 2478

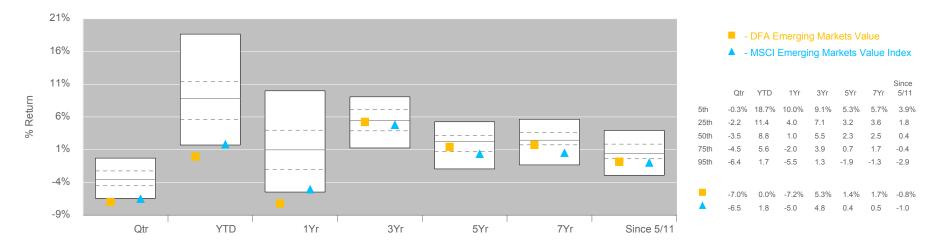
<sup>\*</sup> Sector weightings may not add up to 100% due to rounding.

<sup>\*</sup> Manager data represents the most current available at the time of report publication.

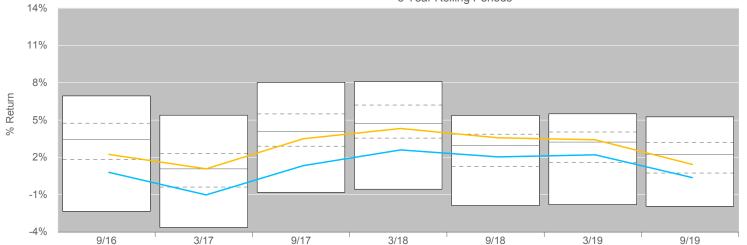
## **DFA Emerging Markets Value**

## **Emerging Markets Universe**

For Report Periods Ending September 30, 2019







## **Harding Loevner Emerging Markets**

#### **Summary of Performance and Statistics**

Performance Results	Qtr	YTD	1Yr	3Yr	5Yr	Since Inception	Inception Date
Harding Loevner Emerging Markets	-3.4%	12.1%	0.8%	5.6%	3.1%	3.2%	12/12
MSCI Emerging Markets Index	-4.2	5.9	-2.0	6.0	2.3	1.7	

Risk Statistics (5 years)	Beta	Alpha	R²	Standard Deviation	Tracking Error	Information Ratio
Harding Loevner Emerging Markets	0.94	0.8%	0.92	15.9%	4.4%	0.2
MSCI Emerging Markets Index	1.00	0.0	1.00	16.2	0.0	

Portfolio Statistics	Trailing P/E	Trailing P/B	Wtd Avg Mkt Cap	Current Yield	Equity Annual Turnover
Harding Loevner Emerging Markets	15.3	2.5	90,275.9 M	2.5%	12.7%
MSCI Emerging Markets Index	13.2	1.6	49,779.9	2.9	

Asset Growth Summary (in thousands)	Qtr	YTD
Beginning Market Value	\$ 13,834	\$ 11,918
Net Contributions/(Distributions)	\$ 0	\$ 0
Market Appreciation/(Depreciation)	\$ (472)	\$ 1,444
Ending Market Value	\$ 13,362	\$ 13,362

<sup>\*</sup> Risk Statistics are based on monthly data. MSCI does not compute the Weighted Average Market Capitalization - the average market capitalization is used as the best available representation.

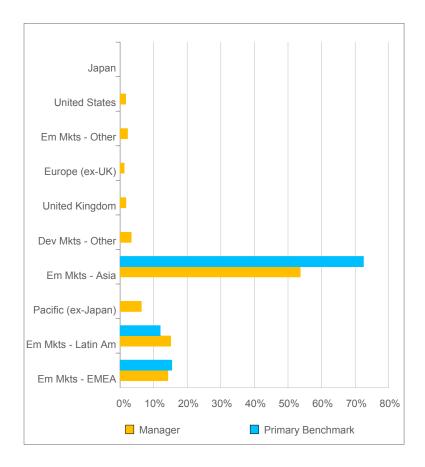
<sup>\*</sup> Manager data represents the most current available at the time of report publication.

## **Harding Loevner Emerging Markets**

#### **Emerging Markets Sector**

Report For Periods Ending September 30, 2019

## **Region Allocation**



	Region W	leightings Primary	Market To	tal Returns
Region	Manager	Benchmark	3 Months	12 Months
Japan	0%	0%	3.1%	-4.7%
United States	2	0	1.4	3.5
Em Mkts - Other	2	0	-1.1	5.9
Europe (ex-UK)	1	0	-1.6	0.0
United Kingdom	2	0	-2.5	-2.9
Dev Mkts - Other	3	0	-3.7	-12.5
Em Mkts - Asia	54	73	-4.2	-6.0
Pacific (ex-Japan)	6	0	-5.2	3.0
Em Mkts - Latin Am	15	12	-5.6	6.7
Em Mkts - EMEA	14	15	-7.0	0.9

<b>Top Five Countries</b>	Weighting
China	25.4%
Korea, South	9.0
Russia	8.6
Taiwan	8.0
India	6.5

Number of Holdings: 73

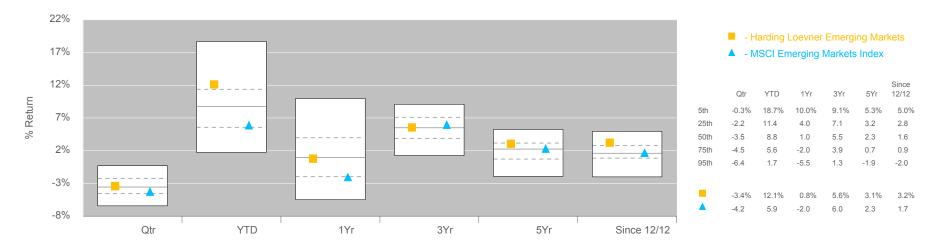
<sup>\*</sup> Sector weightings may not add up to 100% due to rounding.

<sup>\*</sup> Manager data represents the most current available at the time of report publication.

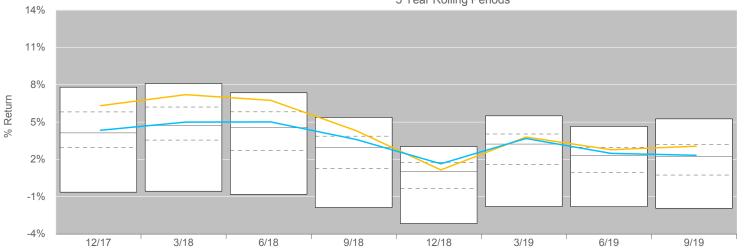
## **Harding Loevner Emerging Markets**

**Emerging Markets Universe** 

For Report Periods Ending September 30, 2019







## **Loomis Sayles**

## **Summary of Performance and Statistics**

Performance Results	Qtr	YTD	1Yr	3Yr	5Yr	7Yr	10Yr	Since Inception	Inception Date
Loomis Sayles	1.4%	10.6%	6.6%	5.0%	3.6%	4.7%	6.6%	8.3%	5/01
Bloomberg Barclays US Aggregate Index	2.3	8.5	10.3	2.9	3.4	2.7	3.7	4.7	

Risk Statistics (5 years)	Beta	Alpha	R²	Standard Deviation	Tracking Error	Information Ratio
Loomis Sayles	0.33	1.8%	0.05	4.7 %	4.9%	0.0
Bloomberg Barclays US Aggregate Index	1.00	0.0	1.00	3.2	0.0	

Portfolio Statistics	Effective Duration	Wtd Avg Maturity	Wtd Avg Credit	Yield to Worst	FI Anni Turnover
Loomis Sayles	5.6 yrs	7.9 yrs	BBB+	3.8%	22.2%
Bloomberg Barclays US Aggregate Index	5.8	7.9	AA	2.3	

Asset Growth Summary (in thousands)	Qtr	YTD
Beginning Market Value	\$ 19,906	\$ 16,144
Net Contributions/(Distributions)	\$ 0	\$ 2,325
Market Appreciation/(Depreciation)	\$ 284	\$ 1,721
Ending Market Value	\$ 20,190	\$ 20,190

<sup>\*</sup> Risk Statistics are based on monthly data.

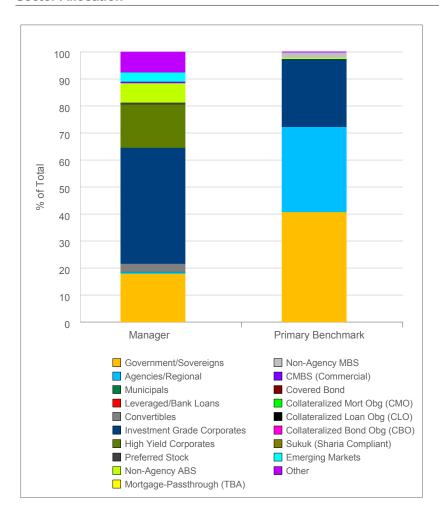
<sup>\*</sup> Manager data represents the most current available at the time of report publication.

## **Loomis Sayles**

#### **Fixed Income Sector**

Report For Periods Ending September 30, 2019

#### **Sector Allocation**



	Sector W	eightings	Market To	tal Returns
Sector	Manager	Primary Benchmark	3 Months	12 Months
Total Weighting	100%	100%	2.3%	10.3%
Government/Sovereigns	18	41	2.4	10.4
Agencies/Regional	1	32	1.7	8.0
Municipals	0	0	1.6	8.6
Leveraged/Bank Loans	0	0	0.5	2.7
Convertibles	3	0	0.2	4.0
Investment Grade Corporates	43	25	3.1	13.0
High Yield Corporates	16	0	1.3	6.4
Preferred Stock	1	0	3.7	8.6
Non-Agency ABS	7	0	0.9	5.4
Mortgage-Passthrough (TBA)	0	0	1.2	8.7
Non-Agency MBS	0	2	1.4	7.8
CMBS (Commercial)	1	0	1.9	10.4
Covered Bond	0	0	0.7	4.9
Collateralized Mort Obg (CMO)	0	0	1.4	7.8
Collateralized Loan Obg (CLO)	0	0	0.5	2.7
Collateralized Bond Obg (CBO)	0	0	0.0	0.0
Sukuk (Sharia Compliant)	0	0	0.0	0.0
Emerging Markets	3	0	1.5	11.6
Other	7	0	0.0	0.0

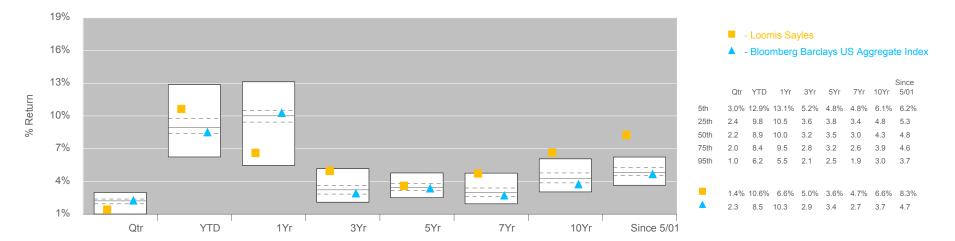
<sup>\*</sup>Sector weightings may not add up to 100% due to rounding.

<sup>\*</sup> Manager data represents the most current available at the time of report publication.

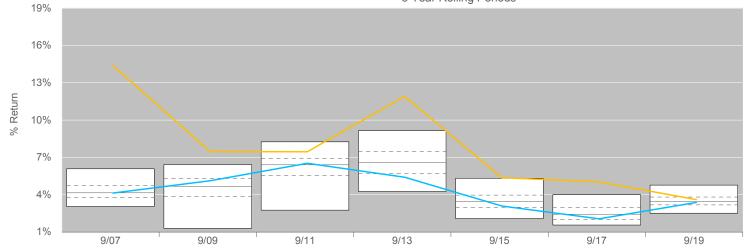
## **Loomis Sayles**

#### **Core Fixed Income Universe**

For Report Periods Ending September 30, 2019







## **DoubleLine Total Return Bond**

## **Summary of Performance and Statistics**

Performance Results	Qtr	YTD	1Yr	3Yr	5Yr	Since Inception	Inception Date
DoubleLine Total Return Bond	1.6%	6.0%	7.9%	3.2%	3.5%	3.5%	6/14
Bloomberg Barclays US Aggregate Index	2.3	8.5	10.3	2.9	3.4	3.2	

Risk Statistics (5 years)	Beta	Alpha	R²	Standard Deviation	Tracking Error	Information Ratio
DoubleLine Total Return Bond	0.67	0.9%	0.92	2.2%	1.2%	0.1
Bloomberg Barclays US Aggregate Index	1.00	0.0	1.00	3.2	0.0	

Portfolio Statistics	Effective Duration	Wtd Avg Maturity	Wtd Avg Credit	Yield to Worst	FI Anni Turnover
DoubleLine Total Return Bond	3.6 yrs	5.3 yrs	A-	2.8%	22.0%
Bloomberg Barclays US Aggregate Index	5.8	7.9	AA	2.3	

Asset Growth Summary (in thousands)	Qtr	YTD
Beginning Market Value	\$ 28,833	\$ 24,367
Net Contributions/(Distributions)	\$ (95)	\$ 3,297
Market Appreciation/(Depreciation)	\$ 462	\$ 1,536
Ending Market Value	\$ 29,200	\$ 29,200

<sup>\*</sup> Risk Statistics are based on monthly data.

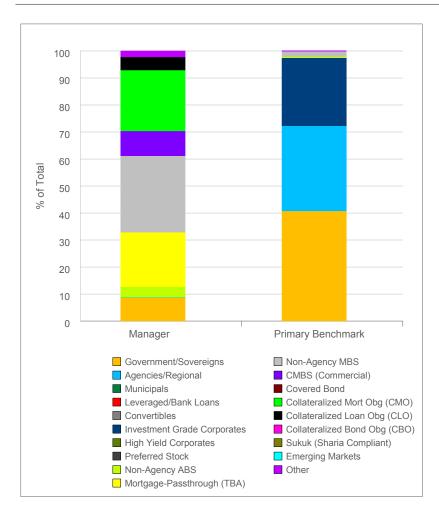
<sup>\*</sup> Manager data represents the most current available at the time of report publication.

#### **DoubleLine Total Return Bond**

#### **Fixed Income Sector**

Report For Periods Ending September 30, 2019

#### **Sector Allocation**



	Sector W	eightings	Market To	tal Returns
Sector	Manager	Primary Benchmark	3 Months	12 Months
Total Weighting	100%	100%	2.3%	10.3%
Government/Sovereigns	9	41	2.4	10.4
Agencies/Regional	0	32	1.7	8.0
Municipals	0	0	1.6	8.6
Leveraged/Bank Loans	0	0	0.5	2.7
Convertibles	0	0	0.2	4.0
Investment Grade Corporates	0	25	3.1	13.0
High Yield Corporates	0	0	1.3	6.4
Preferred Stock	0	0	3.7	8.6
Non-Agency ABS	4	0	0.9	5.4
Mortgage-Passthrough (TBA)	20	0	1.2	8.7
Non-Agency MBS	28	2	1.4	7.8
CMBS (Commercial)	9	0	1.9	10.4
Covered Bond	0	0	0.7	4.9
Collateralized Mort Obg (CMO)	23	0	1.4	7.8
Collateralized Loan Obg (CLO)	5	0	0.5	2.7
Collateralized Bond Obg (CBO)	0	0	0.0	0.0
Sukuk (Sharia Compliant)	0	0	0.0	0.0
Emerging Markets	0	0	1.5	11.6
Other	2	0	0.0	0.0

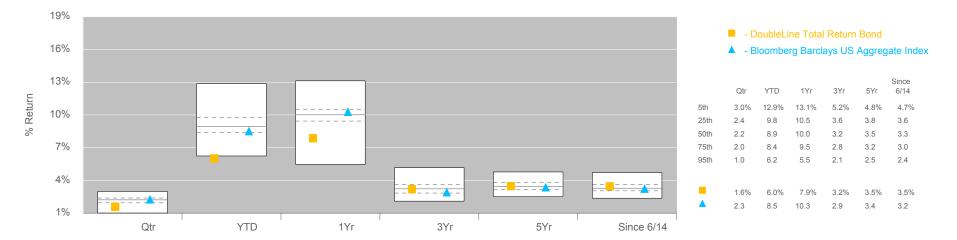
<sup>\*</sup>Sector weightings may not add up to 100% due to rounding.

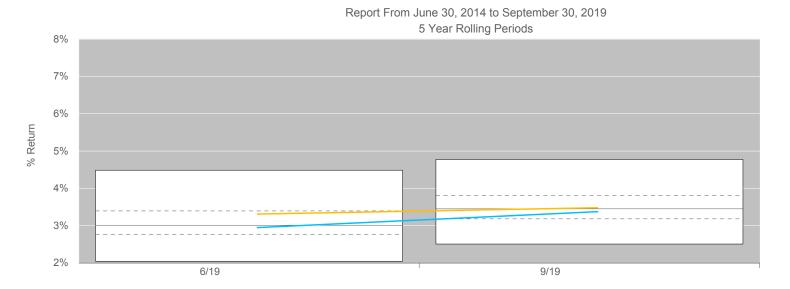
<sup>\*</sup> Manager data represents the most current available at the time of report publication.

#### **DoubleLine Total Return Bond**

**Core Fixed Income Universe** 

For Report Periods Ending September 30, 2019





## **Barrow Hanley**

## **Summary of Performance and Statistics**

Performance Results	Qtr	YTD	Since Inception	Inception Date	
Barrow Hanley	1.5%	7.8%	8.2%	11/18	
Bloomberg Barclays US Aggregate Index	2.3	8.5	10.5		

Portfolio Statistics	Effective Duration	Wtd Avg Maturity	Wtd Avg Credit	Yield to Worst	FI Anni Turnover
Barrow Hanley	5.8 yrs	7.9 yrs	AA-	2.3%	63.0%
Bloomberg Barclays US Aggregate Index	5.8	7.9	AA	2.3	

Asset Growth Summary (in thousands)	Qtr	YTD
Beginning Market Value	\$ 19,573	\$ 16,231
Net Contributions/(Distributions)	\$ 0	\$ 2,283
Market Appreciation/(Depreciation)	\$ 285	\$ 1,344
Ending Market Value	\$ 19,858	\$ 19,858

<sup>\*</sup> Risk Statistics are based on monthly data.

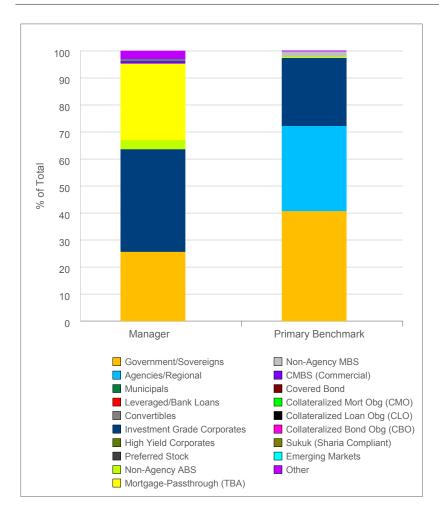
<sup>\*</sup> Manager data represents the most current available at the time of report publication.

## **Barrow Hanley**

#### **Fixed Income Sector**

Report For Periods Ending September 30, 2019

#### **Sector Allocation**



	Sector W	eightings	Market To	tal Returns
Sector	Manager	Primary Benchmark	3 Months	12 Months
Total Weighting	100%	100%	2.3%	10.3%
Government/Sovereigns	26	41	2.4	10.4
Agencies/Regional	0	32	1.7	8.0
Municipals	0	0	1.6	8.6
Leveraged/Bank Loans	0	0	0.5	2.7
Convertibles	0	0	0.2	4.0
Investment Grade Corporates	38	25	3.1	13.0
High Yield Corporates	0	0	1.3	6.4
Preferred Stock	0	0	3.7	8.6
Non-Agency ABS	3	0	0.9	5.4
Mortgage-Passthrough (TBA)	28	0	1.2	8.7
Non-Agency MBS	0	2	1.4	7.8
CMBS (Commercial)	1	0	1.9	10.4
Covered Bond	0	0	0.7	4.9
Collateralized Mort Obg (CMO)	0	0	1.4	7.8
Collateralized Loan Obg (CLO)	0	0	0.5	2.7
Collateralized Bond Obg (CBO)	0	0	0.0	0.0
Sukuk (Sharia Compliant)	0	0	0.0	0.0
Emerging Markets	0	0	1.5	11.6
Other	3	0	0.0	0.0

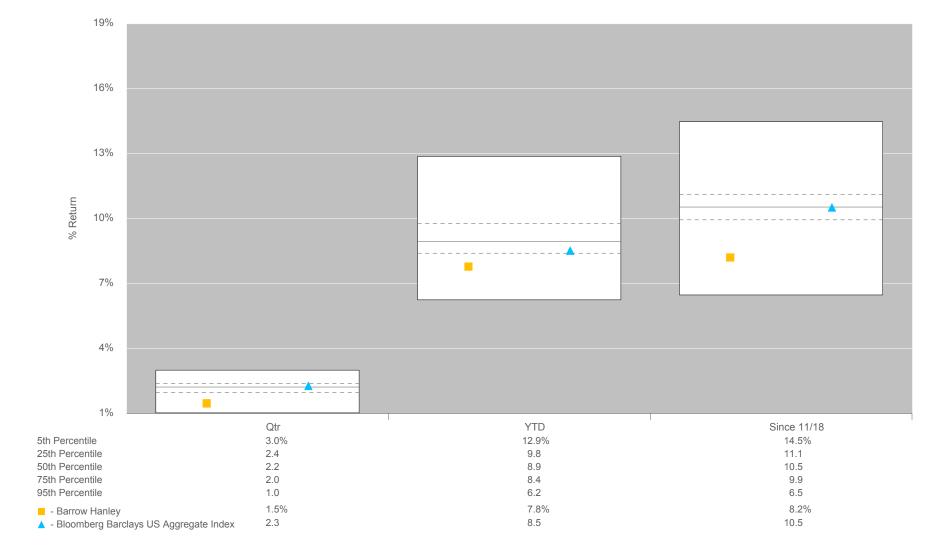
<sup>\*</sup>Sector weightings may not add up to 100% due to rounding.

<sup>\*</sup> Manager data represents the most current available at the time of report publication.

## **Barrow Hanley**

**Core Fixed Income Universe** 

For Report Periods Ending September 30, 2019



## HBK Fund, L.P.

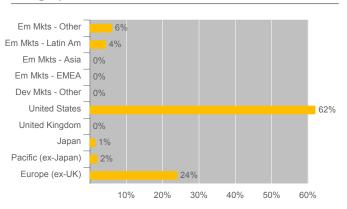
#### **Summary of Performance and Statistics**

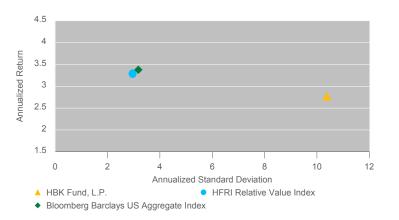
Report For Periods Ending September 30, 2019

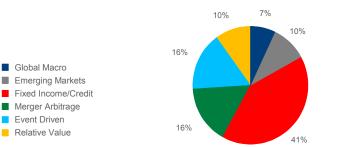
Performance Results	Qtr	YTD	1Yr	3Yr	5Yr	7Yr	10Yr	Since Inception	Inception Date
HBK Fund, L.P.	-0.3%	2.6%	3.3%	4.0%	2.8%	3.9%	5.3%	3.6%	6/07
HFRI Relative Value Index	0.1	5.5	1.9	4.0	3.3	4.4	5.4	4.5	
Bloomberg Barclays US Aggregate Index	2.3	8.5	10.3	2.9	3.4	2.7	3.7	4.4	

Risk Statistics (5 years)	Beta	Alpha	R²			Maximum Drawdown
HBK Fund, L.P.	0.55	0.5%	0.0	10.4%	0.17	-13.7%
HFRI Relative Value Index	1.00	0.0	1.0	3.0	0.78	-5.6
Bloomberg Barclays US Aggregate	Index0.14	2.7	0.0	3.2	0.76	-3.3

## **Geographic Allocation**







<sup>\*</sup> Risk Statistics are based on monthly data.

<sup>\*</sup> Manager data represents the most current available at the time of report publication.

## Och Ziff Master Fund, Ltd.

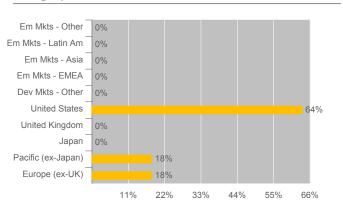
#### **Summary of Performance and Statistics**

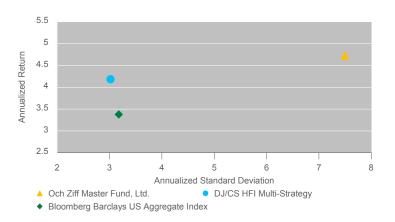
Report For Periods Ending September 30, 2019

Performance Results	Qtr	YTD	1Yr	3Yr	5Yr	7Yr	10Yr	Since Inception	Inception Date
Och Ziff Master Fund, Ltd.	-1.0%	9.1%	2.6%	6.7%	4.7%	6.0%	6.5%	5.7%	6/07
DJ/CS HFI Multi-Strategy	0.7	5.9	1.9	4.2	4.2	5.7	6.1	4.6	
Bloomberg Barclays US Aggregate Index	2.3	8.5	10.3	2.9	3.4	2.7	3.7	4.4	

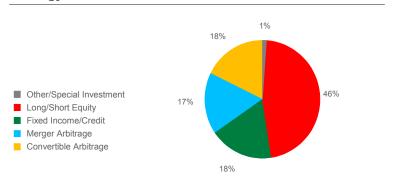
Risk Statistics (5 years)	Beta	Alpha	R²			Maximum Drawdown
Och Ziff Master Fund, Ltd.	1.17	0.0%	0.2	7.5%	0.50	-8.2%
DJ/CS HFI Multi-Strategy	1.00	0.0	1.0	3.0	1.06	-3.8
Bloomberg Barclays US Aggregate II	ndex0.21	1.7	0.0	3.2	0.76	-3.3

## **Geographic Allocation**





#### \* Risk Statistics are based on monthly data.



<sup>\*</sup> Manager data represents the most current available at the time of report publication.

## Fir Tree International Value Fund, L.P.

#### **Summary of Performance and Statistics**

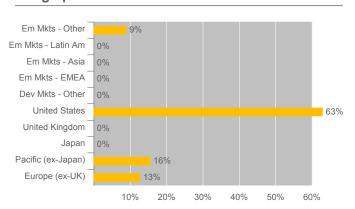
Report For Periods Ending September 30, 2019

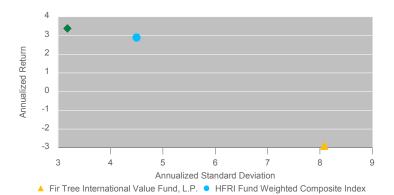
Performance Results	Qtr	YTD	1Yr	3Yr	5Yr	Since Inception	Inception Date	
Fir Tree International Value Fund, L.P.	0.3%	0.9%	-5.1%	-1.0%	-2.9%	-2.5%	1/14	
HFRI Fund Weighted Composite Index	-0.4	6.8	0.4	3.8	2.9	3.1		
Bloomberg Barclays US Aggregate Index	2.3	8.5	10.3	2.9	3.4	3.4		

Risk Statistics (5 years)	Beta	Alpha	R²			Maximum Drawdown
Fir Tree International Value Fund, L.P.	1.22	-6.2%	0.4	8.1%	-0.48	-23.2%
HFRI Fund Weighted Composite Index	1.00	0.0	1.0	4.5	0.43	-7.2
Bloomberg Barclays US Aggregate Inde	×0.04	2.5	0.0	3.2	0.76	-3.3

Asset Growth Summary (in thousands)	Qtr	YTD
Beginning Market Value	\$ 6,728	\$ 6,683
Net Contributions/(Distributions)	\$ 0	\$ 0
Market Appreciation/(Depreciation)	\$ 18	\$ 63
Ending Market Value	\$ 6,746	\$ 6,746

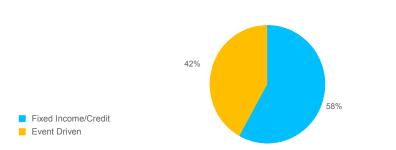
## **Geographic Allocation**





<sup>\*</sup> Risk Statistics are based on monthly data.

◆ Bloomberg Barclays US Aggregate Index



<sup>\*</sup> Manager data represents the most current available at the time of report publication.

## **Graham Capital Proprietary Matrix**

#### **Summary of Performance and Statistics**

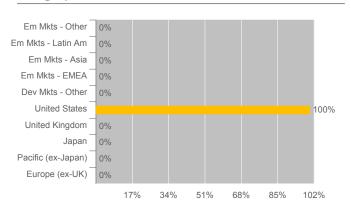
Report For Periods Ending September 30, 2019

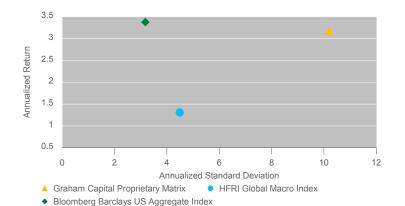
Performance Results	Qtr	YTD	1Yr	3Yr	5Yr	Since Inception	Inception Date	
Graham Capital Proprietary Matrix	1.9%	13.1%	2.5%	2.9%	3.2%	4.7%	1/14	
HFRI Global Macro Index	1.7	6.7	4.2	1.3	1.3	1.9		
Bloomberg Barclays US Aggregate Index	2.3	8.5	10.3	2.9	3.4	3.4		

Risk Statistics (5 years)	Beta	Alpha	R²			Maximum Drawdown
Graham Capital Proprietary Matrix	1.72	1.6%	0.6	10.2%	0.22	-14.0%
HFRI Global Macro Index	1.00	0.0	1.0	4.5	0.07	-6.8
Bloomberg Barclays US Aggregate Inc	dex0.35	2.3	0.2	3.2	0.76	-3.3

Asset Growth Summary (in thousands)	Qtr	YTD
Beginning Market Value	\$ 7,086	\$ 6,383
Net Contributions/(Distributions)	\$ 0	\$ 0
Market Appreciation/(Depreciation)	\$ 132	\$ 835
Ending Market Value	\$ 7,218	\$ 7,218

## **Geographic Allocation**

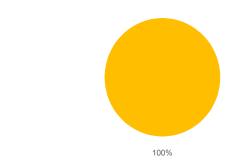




<sup>\*</sup> Risk Statistics are based on monthly data.

## **Strategy Allocation**

Global Macro



<sup>\*</sup> Manager data represents the most current available at the time of report publication.

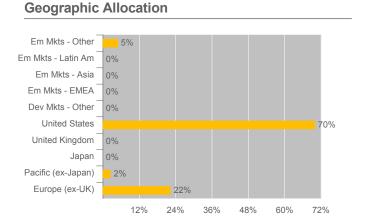
## **Taconic Opportunity Fund**

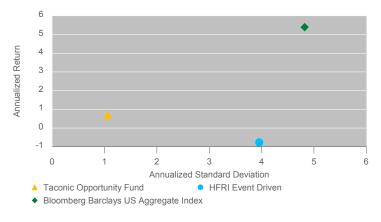
#### **Summary of Performance and Statistics**

Report For Periods Ending September 30, 2019

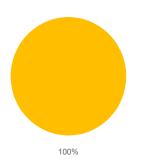
Performance Results	Qtr	Since Inception	Inception Date
Taconic Opportunity Fund	0.1%	0.7%	4/19
HFRI Event Driven	-0.8	-0.8	
Bloomberg Barclays US Aggregate Index	2.3	5.4	

Asset Growth Summary (in thousands)	Qtr	Since 4/19
Beginning Market Value	\$ 3,375	\$ 3,354
Net Contributions/(Distributions)	\$ 0	\$ 0
Market Appreciation/(Depreciation)	\$ 2	\$ 23
Ending Market Value	\$ 3,377	\$ 3,377









<sup>\*</sup> Risk Statistics are based on monthly data.

<sup>\*</sup> Manager data represents the most current available at the time of report publication.

## Siguler Guff Distressed Opport. III

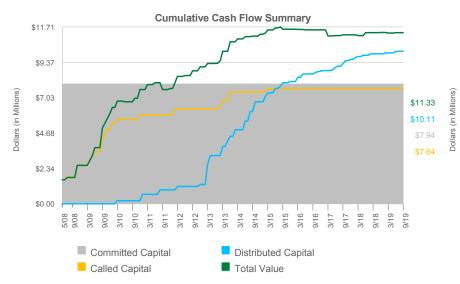
#### **Summary of Manager Performance**

Report for Periods Ending September 30, 2019

## **Fund Summary**

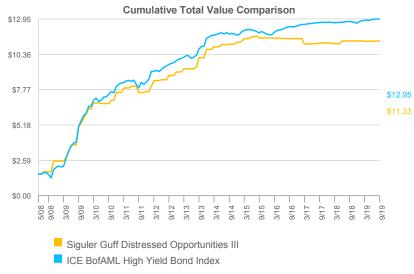
Fund Company	Siguler Guff
Fund Name	Siguler Guff Distressed Opportunities III
Focus	FOF - Private Equity - Distressed
Capital Drawn	96%
Vintage Year	2007, 2008, 2009, 2010, 2011

	Distributed Capital/	Total Value/	
Ratios	Called Capital	Called Capital	
Siguler Guff Distressed Opportunities III	1.32	1.48	
Median Thomson One Fund of Funds	1.28	1.58	



Client Investment Summary	9/30/2019	6/30/2019
Committed Capital	\$7,937,104	\$7,937,104
Called Capital	\$7,639,047	\$7,639,047
Distributed Capital	\$10,106,219	\$10,088,670
Market Value	\$1,225,067	\$1,242,616
Total Value	\$11,331,286	\$11,331,286

Performance Summary	6/30/2019
Siguler Guff Distressed Opportunities III IRR	8.7%
ICE BofAML High Yield Bond Index IRR	10.7%
Median Thomson One Fund of Funds IRR	9.6%
Quartile Rank	3rd



<sup>\*</sup> Due to the different reporting methodologies of the managers, Called Capital amount may or may not include the following: Management Fees, Expenses, Catch-up Interest, Recallable Return of Capital, Recallable Distributions.

<sup>\*</sup> The fund retains the option to recall return of capital per the limited partnership agreement. Recalled capital may cause "percent called" to be greater than 100%.

<sup>\*</sup> Funds with less than two years of history are not included in the IRR calculation.

## Kayne Anderson Energy Fund VI

#### **Summary of Manager Performance**

Report for Periods Ending September 30, 2019

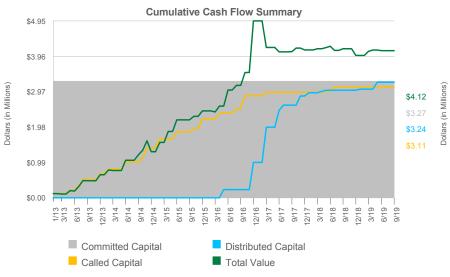
## **Fund Summary**

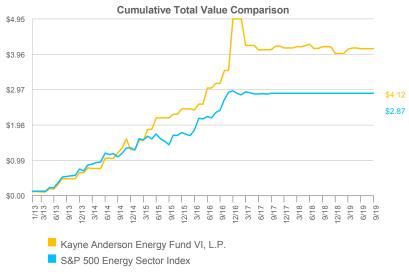
Fund Company	Kayne Anderson Capital Advisors, LP
Fund Name	Kayne Anderson Energy Fund VI, L.P.
Focus	Private Natural Resources - Energy
Capital Drawn	95%
Vintage Year	2012

Client Investment Summary	9/30/2019	6/30/2019
Committed Capital	\$3,266,019	\$3,266,019
Called Capital	\$3,105,960	\$3,105,960
Distributed Capital	\$3,235,707	\$3,235,707
Market Value	\$884,599	\$884,599
Total Value	\$4,120,306	\$4,120,306

Ratios	Distributed Capital/ Called Capital	Total Value/ Called Capital	
Kayne Anderson Energy Fund VI, L.P.	1.04	1.33	
Median Thomson One Private Natural Resource	s 0.57	1.18	







<sup>\*</sup> Due to the different reporting methodologies of the managers, Called Capital amount may or may not include the following: Management Fees, Expenses, Catch-up Interest, Recallable Return of Capital, Recallable Distributions.

<sup>\*</sup> If distributed capital from investment surpass the remaining value of the benchmark, the benchmark is considered terminated.

The IRR is then calculated up to that date, and the total value will remain unchanged for the remaining life of the investment.

<sup>\*</sup> Funds with less than two years of history are not included in the IRR calculation.

## **VIA Energy III**

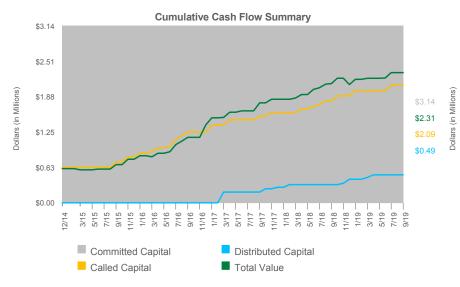
#### **Summary of Manager Performance**

Report for Periods Ending September 30, 2019

#### **Fund Summary**

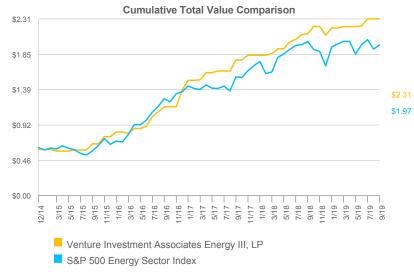
Fund Company	Venture Investment Associates
Fund Name	Venture Investment Associates Energy III, LP
Focus	Private Natural Resources - Energy
Capital Drawn	66%
Vintage Year	2013

	Distributed Capital/	Total Value/	
Ratios	Called Capital	Called Capital	
Venture Investment Associates Energy III, LP	0.24	1.11	
Median Thomson One Fund of Funds	0.16	1.61	



Client Investment Summary	9/30/2019	6/30/2019
Committed Capital	\$3,137,195	\$3,137,195
Called Capital	\$2,086,138	\$1,992,042
Distributed Capital	\$494,546	\$494,546
Market Value	\$1,814,107	\$1,720,011
Total Value	\$2,308,653	\$2,214,557

Performance Summary	6/30/2019
Venture Investment Associates Energy III, LP IRR	4.0%
S&P 500 Energy Sector Index IRR	-0.4%
Median Thomson One Fund of Funds IRR	16.3%
Quartile Rank	4th



<sup>\*</sup> Due to the different reporting methodologies of the managers, Called Capital amount may or may not include the following: Management Fees, Expenses, Catch-up Interest, Recallable Return of Capital, Recallable Distributions.

<sup>\*</sup> The fund retains the option to recall return of capital per the limited partnership agreement. Recalled capital may cause "percent called" to be greater than 100%.

<sup>\*</sup> Funds with less than two years of history are not included in the IRR calculation.

## Natural Gas Partners XI, L.P.

#### **Summary of Manager Performance**

Report for Periods Ending September 30, 2019

**Client Investment Summary** 

## **Fund Summary**

Fund Company	Natural Gas Partners
Fund Name	Natural Gas Partners XI, L.P.
Focus	Private Natural Resources - Energy
Capital Drawn	90%
Vintage Year	2014

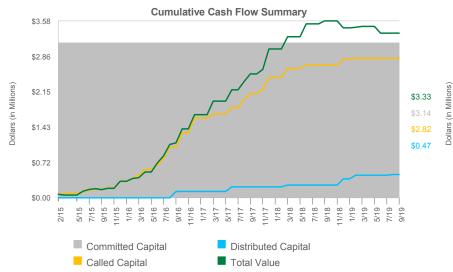
Total Value	\$3,334,953	\$3,334,953
Market Value	\$2,864,321	\$2,878,920
Distributed Capital	\$470,632	\$456,033
Called Capital	\$2,822,995	\$2,822,995
Committed Capital	\$3,136,551	\$3,136,551

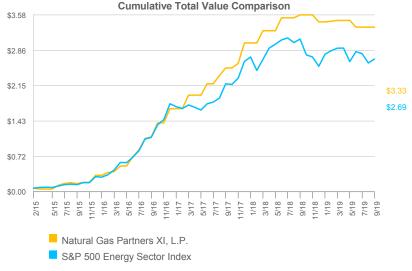
9/30/2019

6/30/2019

	Distributed Capital/	Total Value/	
Ratios	Called Capital	Called Capital	
Natural Gas Partners XI, L.P.	0.17	1.18	
Median Thomson One Private Natural Resource	s 0.45	1.23	







<sup>\*</sup> Due to the different reporting methodologies of the managers, Called Capital amount may or may not include the following: Management Fees, Expenses, Catch-up Interest, Recallable Return of Capital, Recallable Distributions.

<sup>\*</sup> The fund retains the option to recall return of capital per the limited partnership agreement. Recalled capital may cause "percent called" to be greater than 100%.

<sup>\*</sup> Funds with less than two years of history are not included in the IRR calculation.

## **Index Summary Sheet for Periods Ending September 30, 2019**

				Annualized		
Global Equity	Qtr	YTD	1 Yr	3 Yr	5 Yr	10 Yr
MSCI AC World Index	0.0%	16.2%	1.4%	9.7%	6.7%	8.3%
MSCI World Index	0.5	17.6	1.8	10.2	7.2	9.0
S&P 500 Index	1.7	20.5	4.3	13.4	10.8	13.2
Russell 3000 Index	1.2	20.1	2.9	12.8	10.4	13.1
Russell 1000 Index	1.4	20.5	3.9	13.2	10.6	13.2
Russell 1000 Growth Index	1.5	23.3	3.7	16.9	13.4	14.9
Russell 1000 Value Index	1.4	17.8	4.0	9.4	7.8	11.5
Russell Midcap Index	0.5	21.9	3.2	10.7	9.1	13.1
Russell Midcap Growth Index	-0.7	25.2	5.2	14.5	11.1	14.1
Russell Midcap Value Index	1.2	19.5	1.6	7.8	7.6	12.3
Russell 2000 Index	-2.4	14.2	-8.9	8.2	8.2	11.2
Russell 2000 Growth Index	-4.2	15.3	-9.6	9.8	9.1	12.2
Russell 2000 Value Index	-0.6	12.8	-8.2	6.5	7.2	10.1
Russell Microcap Index	-5.5	7.9	-16.0	5.3	6.1	9.8
MSCI AC World Index ex-U.S.	-1.8	11.6	-1.2	6.3	2.9	4.5
MSCI EAFE Index	-1.1	12.8	-1.3	6.5	3.3	4.9
MSCI EAFE Growth Index	-0.4	17.9	2.2	7.8	5.5	6.5
MSCI EAFE Value Index	-1.7	7.7	-4.9	5.1	1.0	3.2
MSCI Small Cap EAFE Index	-0.4	12.1	-5.9	5.9	6.0	7.5
MSCI Emerging Markets Index	-4.2	5.9	-2.0	6.0	2.3	3.4
MSCI Emerging Markets Small Cap Index	-4.6	1.8	-5.5	1.3	-0.1	3.2
MSCI Frontier Markets Index	-1.1	10.7	5.9	7.0	-1.3	3.6
HFRI Equity Hedge Index	-1.3	7.9	-1.3	4.7	3.4	4.4
HFRI Emerging Markets	-2.1	6.3	2.0	3.9	2.3	2.9
HFRI FOF: Strategic Index	-1.7	5.8	-1.1	3.2	2.0	2.8
Thomson One All Private Capital Index	0.0	7.9	6.9	12.7	10.8	12.5
Thomson One Buyout Index	0.0	8.9	7.3	14.3	12.6	14.1
Thomson One Fund of Funds Index	0.0	7.9	8.6	11.9	10.5	11.6
Thomson One Venture Capital Index	0.0	12.3	13.4	14.8	14.4	14.8
Global Fixed Income						
Bloomberg Barclays US Aggregate Index	2.3	8.5	10.3	2.9	3.4	3.7
Bloomberg Barclays U.S. TIPS Index	1.3	7.6	7.1	2.2	2.4	3.5
Bloomberg Barclays Government Bond Index	2.4	7.7	10.4	2.3	2.9	3.0
Bloomberg Barclays Municipals Index	1.6	6.7	8.6	3.2	3.7	4.2
Bloomberg Barclays Asset Backed Index	0.9	4.1	5.4	2.2	2.3	2.8

## **Index Summary Sheet for Periods Ending September 30, 2019**

				Annualized			
Global Fixed Income (continued)	Qtr	YTD	1 Yr	3 Yr	5 Yr	10 Yr	
Bloomberg Barclays US MBS Index	1.4%	5.6%	7.8%	2.3%	2.8%	3.1%	
Bloomberg Barclays IG CMBS Index	1.9	8.6	10.4	3.3	3.8	6.1	
Bloomberg Barclays U.S. Credit Index	3.0	12.6	12.6	4.3	4.5	5.3	
Bloomberg Barclays US Corporate HY Index	1.3	11.4	6.4	6.1	5.4	7.9	
Bloomberg Barclays Interm. US G/C Index	1.4	6.4	8.2	2.4	2.7	3.0	
ICE BofAML 1-3 Yr. Govt. Bond Index	0.6	3.0	4.4	1.5	1.3	1.2	
U.S. 91-Day Treasury Bills	0.5	1.7	2.2	1.5	1.0	0.5	
CS Leveraged Loan Index	0.5	6.0	2.7	4.5	4.0	5.3	
JPMorgan Non-U.S. GBI Hedged Index	2.3	8.0	10.6	3.3	4.5	4.4	
JPMorgan Non-U.S. GBI Index	0.1	5.5	7.1	0.5	1.4	1.3	
JPMorgan EMBI Plus Index	-1.7	8.9	8.2	1.9	4.3	5.9	
JPMorgan EMBI Global Index	1.3	12.1	10.7	3.8	5.1	6.5	
HFRI RV: Fixed Income - Corporate Index	0.0	7.2	3.8	5.1	3.9	5.6	
HFRI ED: Distressed/Restructuring Index	-1.7	3.1	-2.8	4.4	1.8	5.1	
Thomson One Distressed Index	0.0	5.0	2.2	8.0	6.7	10.1	
Real Assets							
FTSE NAREIT All Equity Index	7.7	28.5	21.1	9.0	11.1	13.6	
S&P Developed BMI Property Index	4.7	19.5	12.7	5.7	6.9	8.9	
S&P Developed ex-U.S. Property Index	2.3	15.4	9.8	6.5	6.1	7.7	
NCREIF Property Index	0.0	3.3	4.8	6.3	8.3	9.6	
Bloomberg Commodity Index	-1.8	3.1	-6.6	-1.5	-7.2	-4.3	
Alerian MLP Index	-5.0	11.1	-8.1	-2.5	-8.6	6.3	
NCREIF Timberland Index	0.0	1.2	1.9	3.1	4.3	4.0	
Thomson One Private Real Estate Index	0.0	4.0	5.1	8.8	9.5	9.8	
S&P Real Assets Equity Total Return Index	1.6	18.0	8.0	5.9	4.5	8.7	
Diversifying Strategies							
HFRI Fund of Funds Index	-0.9	5.2	0.0	3.2	2.0	2.7	
HFRI Fund Weighted Composite Index	-0.4	6.8	0.4	3.8	2.9	4.0	
HFRI FOF: Conservative Index	-0.1	4.5	1.2	3.1	2.0	2.7	
HFRI Event Driven	-0.8	4.6	-0.5	4.5	3.0	5.1	
HFRI Relative Value Total Index	0.1	5.5	1.9	4.0	3.3	5.4	
HFRI Macro Index	1.7	6.7	4.2	1.3	1.3	1.3	
Other							
Consumer Price Index - U.S.	0.4	1.5	1.8	2.2	1.6	1.8	
U.S. Dollar Index	3.4	3.3	4.5	1.2	2.8	2.6	

<sup>\*</sup> For indices that report returns on a lag, 0.0% is utilized for the most recent time period until the actual return data are reported.

# University of South Carolina Educational Foundation Benchmark Composition Summary

## **Broad Policy Index**

Since Inception	Weight
S&P 500 Index	70.00%
Bloomberg Barclays US Aggregate Index	30.00%
May 31, 2001	Weight
S&P 500 Index	55.00%
Russell 2000 Index	10.00%
MSCI EAFE Index	10.00%
Bloomberg Barclays US Aggregate Index	25.00%
June 30, 2004	Weight
S&P 500 Index	50.00%
Russell 2000 Index	10.00%
MSCI EAFE Index	10.00%
Bloomberg Barclays US Aggregate Index	30.00%
June 30, 2007	Weight
S&P 500 Index	45.00%
Russell 2000 Index	10.00%
MSCI EAFE Index	15.00%
Bloomberg Barclays US Aggregate Index	30.00%
June 30, 2010	Weight
Russell 3000 Index	55.00%
MSCI AC World Index ex-U.S.	15.00%
Bloomberg Barclays US Aggregate Index	15.00%
HFRI Fund of Funds Index	15.00%
June 30, 2015	Weight
Russell 3000 Index	50.00%
MSCI AC World Index ex-U.S.	20.00%
Bloomberg Barclays US Aggregate Index	30.00%

Since Inception	Weight
S&P 500 Index	70.00%
Bloomberg Barclays US Aggregate Index	30.00%
May 24, 2004	Woight
May 31, 2001	Weight
S&P 500 Index	55.00%
Russell 2000 Index	10.00%
MSCI EAFE Index	10.00%
Bloomberg Barclays US Aggregate Index	25.00%
June 30, 2004	Weight
S&P 500 Index	50.00%
Russell 2000 Index	10.00%
MSCI EAFE Index	10.00%
Bloomberg Barclays US Aggregate Index	30.00%
June 30, 2007	Weight
S&P 500 Index	45.00%
Russell 2000 Index	10.00%
MSCI EAFE Index	15.00%
Bloomberg Barclays US Aggregate Index	30.00%
June 30, 2010	Weight
S&P 500 Index	45.00%
Russell 2000 Index	10.00%
MSCI EAFE Index	15.00%
Bloomberg Barclays US Aggregate Index	15.00%
DJ/CS HFI Multi-Strategy	15.00%
•	

June 30, 2015	Weight
Russell 1000 Index	35.00%
Russell 2000 Index	10.00%
MSCI EAFE Index	15.00%
MSCI Emerging Markets Index	5.00%
Bloomberg Barclays US Aggregate Index	15.00%
CPI + 3% Index	5.00%
DJ/CS HFI Multi-Strategy	15.00%

#### **Blended CPI**

Since Inception	Weight
CPI + 6% Index	100.00%
December 31, 2016	Weight
CPI + 5.5% Index	100.00%

**Target Weighted Index** 

#### **Disclosures**

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Monitoring of managers includes fundamental research for all investment managers, as well as enhanced coverage for managers that have been approved for FEG's recommended list. A Quarterly Content Questionnaire is the basis of fundamental coverage and requests qualitative (e.g., personnel, organizational changes) and quantitative information (performance, cash flows) on all investment strategies for ongoing monitoring and adherence to investment policy. Clients may have exposure to both fundamental and recommended managers in their portfolio depending on their unique needs. FEG conducts conference calls directly with the active managers that receive enhanced coverage.

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Index performance results do not represent any managed portfolio returns. An investor cannot invest directly in a presented index, as an investment vehicle replicating an index would be required. An index does not charge management fees or brokerage expenses, and no such fees or expenses were deducted from the performance shown.

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