

Investment Performance Review  
Period Ending September 30, 2019

**Miami Beach Fire & Police  
Voya DROP**

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## Asset Allocation &amp; Performance

	Allocation		Performance(%)								
	Market Value \$		QTR	FYTD	1 YR	3 YR	5 YR				
<b>Balanced</b>											
Voya T. Rowe Price Capital Appreciation (ITCSX)	-	0.58	(71)	10.49	(1)	10.49	(1)	10.95	(2)	10.19	(1)
Dow Jones U.S. Moderate Index		1.10	(41)	4.52	(44)	4.52	(44)	8.17	(10)	7.23	(5)
IM Mixed-Asset Target Alloc Moderate (MF) Median		0.93		4.00		4.00		6.35		4.98	
<b>Domestic Equity</b>											
MFS Research A (MFRFX)	-	1.83	(34)	6.41	(19)	6.41	(19)	13.69	(20)	10.74	(17)
S&P 500 Index		1.70	(39)	4.25	(39)	4.25	(39)	13.39	(24)	10.84	(16)
IM U.S. Large Cap Core Equity (MF) Median		1.46		3.21		3.21		12.26		9.41	
American Funds American Mutual (RMFEX)	-	2.50	(17)	5.91	(15)	5.91	(15)	10.96	(17)	9.17	(6)
Russell 1000 Value Index		1.36	(53)	4.00	(30)	4.00	(30)	9.43	(56)	7.79	(32)
IM U.S. Large Cap Value Equity (MF) Median		1.41		1.87		1.87		9.67		7.17	
Voya T. Rowe Price Growth Equity (ITGIX)	-	-1.21	(71)	2.06	(54)	2.06	(54)	16.26	(39)	13.00	(31)
Russell 1000 Growth Index		1.49	(16)	3.71	(33)	3.71	(33)	16.89	(27)	13.39	(22)
IM U.S. Large Cap Growth Equity (MF) Median		-0.01		2.32		2.32		15.72		12.20	
MFS Mid Cap Value (MVCKX)	-	2.06	(22)	4.39	(9)	4.39	(9)	8.98	(7)	8.18	(11)
Russell Midcap Value Index		1.22	(47)	1.60	(25)	1.60	(25)	7.82	(31)	7.55	(19)
IM U.S. Mid Cap Value Equity (MF) Median		0.99		-3.11		-3.11		6.59		5.91	
Voya American Century Small-Mid Cap Value (IASSX)	-	2.50	(18)	1.49	(26)	1.49	(26)	8.25	(26)	8.76	(4)
Russell Midcap Value Index		1.22	(47)	1.60	(25)	1.60	(25)	7.82	(31)	7.55	(19)
IM U.S. Mid Cap Value Equity (MF) Median		0.99		-3.11		-3.11		6.59		5.91	
Victory Integrity Small Cap (VSVIX)	-	-1.55	(84)	-9.31	(41)	-9.31	(41)	5.93	(34)	5.61	(35)
Russell 2000 Value Index		-0.57	(67)	-8.24	(20)	-8.24	(20)	6.54	(25)	7.17	(12)
IM U.S. Small Cap Value Equity (MF) Median		0.31		-9.87		-9.87		5.09		4.99	
Wanger Small Cap Growth (WUSAX)	-	-2.90	(19)	-5.30	(15)	-5.30	(15)	13.51	(15)	10.68	(19)
Russell 2000 Growth Index		-4.17	(31)	-9.63	(25)	-9.63	(25)	9.79	(42)	9.08	(38)
IM U.S. Small Cap Growth Equity (MF) Median		-5.12		-15.03		-15.03		9.13		7.76	



**Asset Allocation & Performance**  
**DROP**

As of September 30, 2019

	Allocation		Performance(%)									
	Market Value \$		QTR	FYTD	1 YR	3 YR	5 YR					
<b>Global / International</b>												
iShares MSCI EAFE International Index Fund (BTMKX)	-		-1.04	(35)	-0.98	(51)	-0.98	(51)	6.50	(41)	3.25	(47)
MSCI EAFE (Net) Index			-1.07	(36)	-1.34	(53)	-1.34	(53)	6.48	(41)	3.27	(47)
IM International Large Cap Equity (MF) Median			-1.51		-0.98		-0.98		6.08		3.05	
DFA International Core Equity (DFIEX)	-		-1.35	(34)	-5.57	(79)	-5.57	(79)	5.44	(50)	3.40	(38)
MSCI AC World ex USA (Net)			-1.80	(47)	-1.23	(44)	-1.23	(44)	6.33	(34)	2.90	(48)
IM International Equity (MF) Median			-1.90		-1.94		-1.94		5.44		2.81	
American Funds New Perspective Fund (RNPEX)	-		-0.54	(58)	2.50	(50)	2.50	(50)	11.99	(26)	9.33	(18)
MSCI AC World Index (Net)			-0.03	(47)	1.38	(63)	1.38	(63)	9.71	(61)	6.65	(57)
IM Global Large Cap Equity (MF) Median			-0.28		2.47		2.47		10.36		7.09	
Voya J.P. Morgan Emerging Markets (JPIX)	-		-2.56	(31)	10.94	(3)	10.94	(3)	9.74	(5)	5.45	(4)
MSCI Emerging Markets Index			-4.11	(65)	-1.63	(66)	-1.63	(66)	6.37	(32)	2.71	(35)
IM Emerging Markets Equity (MF) Median			-3.48		0.29		0.29		5.24		2.03	
<b>Fixed Income</b>												
PIMCO VIT Real Return Portfolio - Administrative Class - 833 (PARRX)	-		1.10	(41)	6.30	(31)	6.30	(31)	2.13	(24)	2.02	(32)
Bloomberg Barclays U.S. TIPS Index			1.35	(19)	7.13	(9)	7.13	(9)	2.21	(19)	2.45	(10)
IM U.S. TIPS (MF) Median			0.80		5.71		5.71		1.76		1.73	
Fidelity Variable Insurance Product Investment Grade Bond (FBNDX)	-		2.13	(3)	9.89	(3)	9.89	(3)	3.26	(2)	3.61	(1)
Blmbg. Barc. U.S. Aggregate Index			2.27	(1)	10.30	(1)	10.30	(1)	2.92	(4)	3.38	(1)
IM U.S. Intermediate Duration Fixed Income (MF) Median			0.93		5.99		5.99		1.89		1.98	
Prudential High Yield (PHYQX)	-		1.61	(20)	8.11	(4)	8.11	(4)	6.86	(3)	6.09	(2)
Blmbg. Barc. Ba US High Yield			2.03	(6)	9.48	(1)	9.48	(1)	5.85	(18)	5.87	(2)
IM U.S. High Yield Bonds (MF) Median			1.24		5.34		5.34		5.16		4.15	
<b>International Fixed Income</b>												
Invesco Oppenheimer International Bond (OIBYX)	-		-2.71	(84)	4.59	(51)	4.59	(51)	1.77	(47)	2.35	(23)
Bloomberg Barclays Global Aggregate			0.71	(33)	7.60	(37)	7.60	(37)	1.59	(48)	2.00	(24)
IM International Fixed Income (MF) Median			-1.06		4.60		4.60		1.24		0.58	



**Asset Allocation & Performance**  
**DROP**

As of September 30, 2019

	Allocation	Performance(%)									
	Market Value \$	QTR		FYTD		1 YR		3 YR		5 YR	
<b>Real Estate</b>											
Voya Clairon Real Estate (IVRSX)	-	7.76	(48)	17.95	(83)	17.95	(83)	5.86	(94)	8.72	(93)
S&P US REIT		7.46	(67)	17.81	(84)	17.81	(84)	6.91	(80)	9.88	(80)
IM U.S. REIT (SA+CF) Median		7.74		20.06		20.06		8.60		11.24	
<b>Alternatives</b>											
BNY Natural Resources (DNLAX)	-	-4.86	(21)	-15.38	(18)	-15.38	(18)	2.55	(13)	-1.53	(12)
S&P North American Natural Resources Sector Index		-5.30	(23)	-18.82	(25)	-18.82	(25)	-5.31	(39)	-8.10	(35)
IM Natural Resources Sector (MF) Median		-8.36		-28.03		-28.03		-8.38		-10.10	
<b>Stability Of Principal</b>											
Voya Fixed Account 457/401	-	0.75		3.00		3.00		3.00		3.01	
90 Day U.S. Treasury Bill		0.56		2.38		2.38		1.54		0.96	
Voya Money Market Portfolio	-	0.52		2.10		2.10		1.27		0.79	
90 Day U.S. Treasury Bill		0.56		2.38		2.38		1.54		0.96	



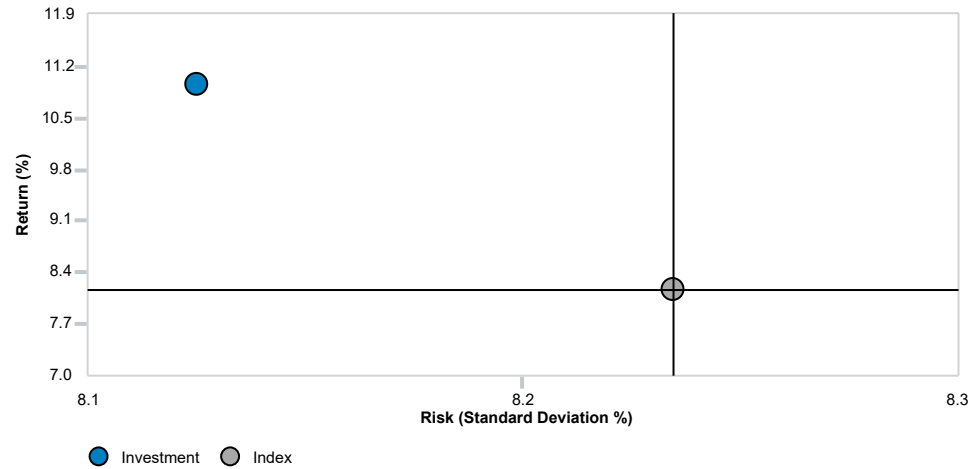
Historical Statistics 3 Years

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	10.95	8.13	1.15	112.67	11	63.73	1
Index	8.17	8.23	0.82	100.00	10	100.00	2

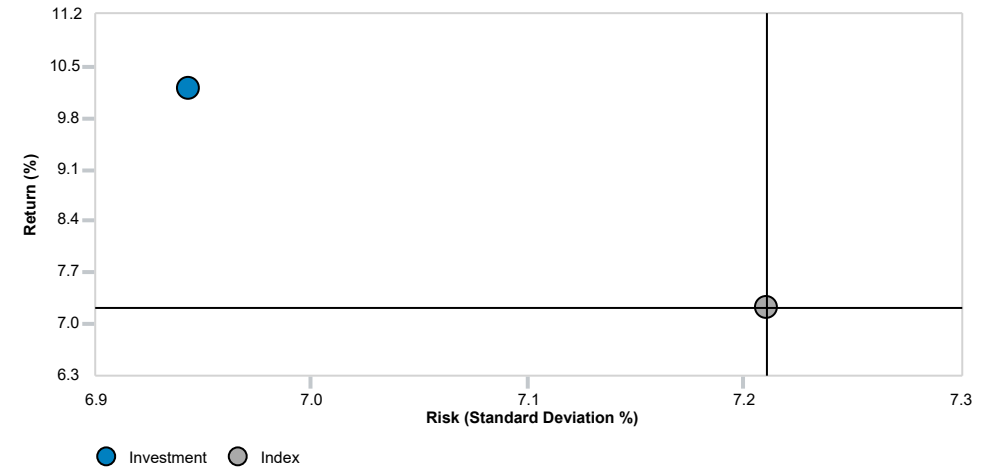
Historical Statistics 5 Years

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	10.19	6.94	1.32	114.28	18	56.44	2
Index	7.23	7.21	0.88	100.00	16	100.00	4

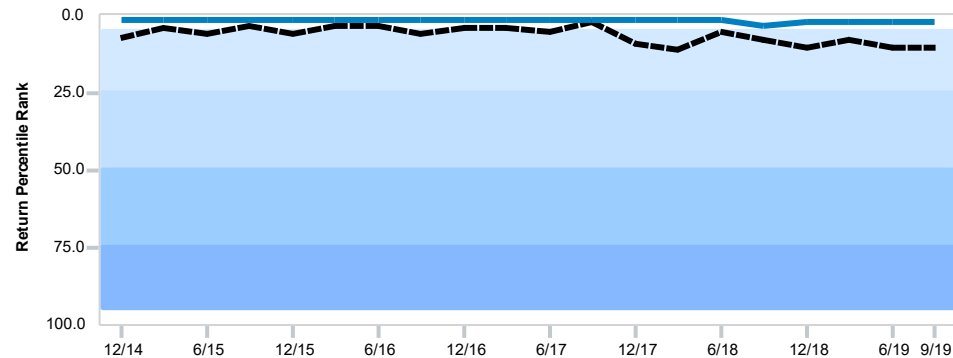
Risk and Return 3 Years



Risk and Return 5 Years

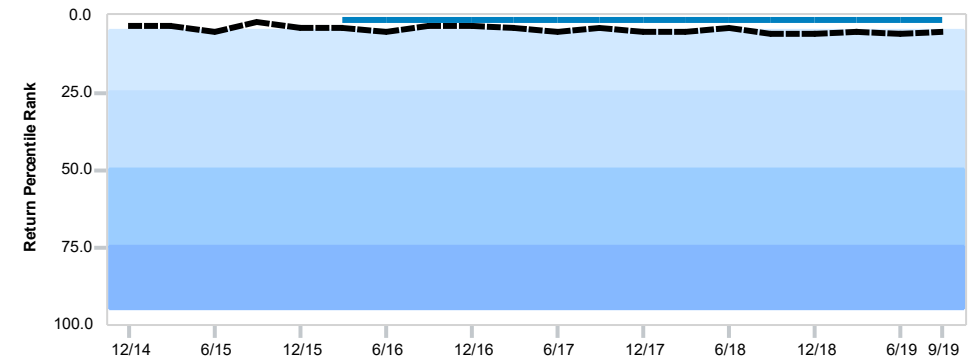


3 Year Rolling Percentile Rank IM Mixed-Asset Target Alloc Moderate (MF)



	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	20	20 (100%)	0 (0%)	0 (0%)	0 (0%)
Index	20	20 (100%)	0 (0%)	0 (0%)	0 (0%)

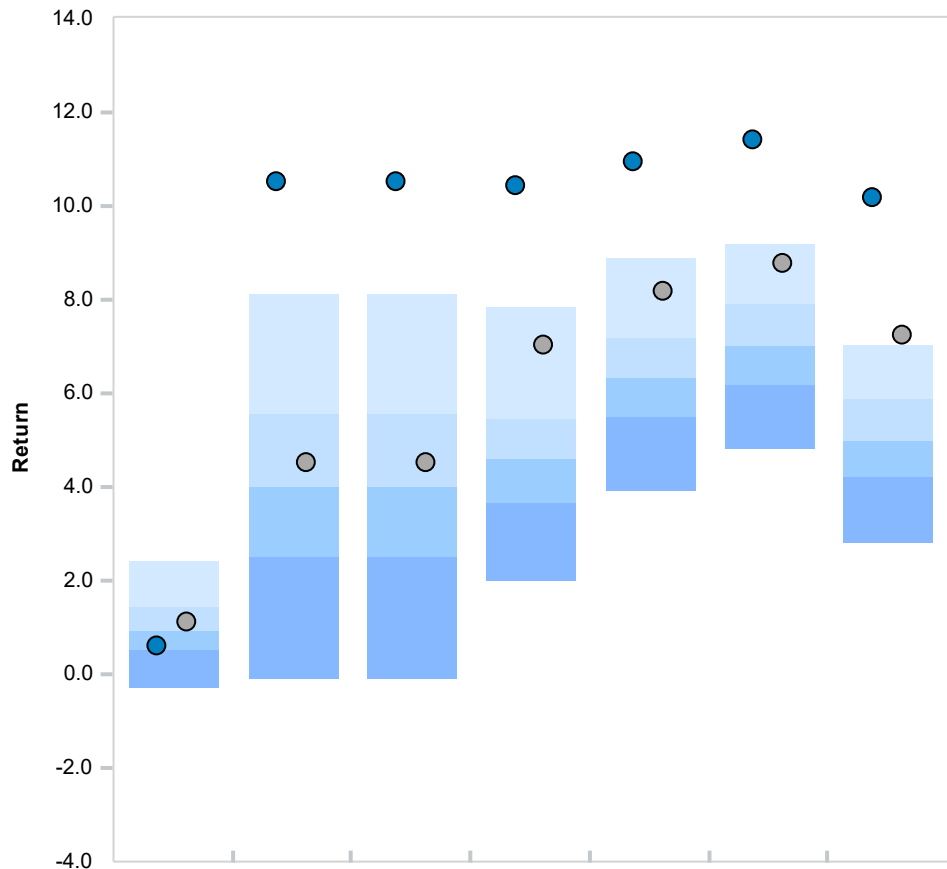
5 Year Rolling Percentile Rank IM Mixed-Asset Target Alloc Moderate (MF)



	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	15	15 (100%)	0 (0%)	0 (0%)	0 (0%)
Index	20	20 (100%)	0 (0%)	0 (0%)	0 (0%)

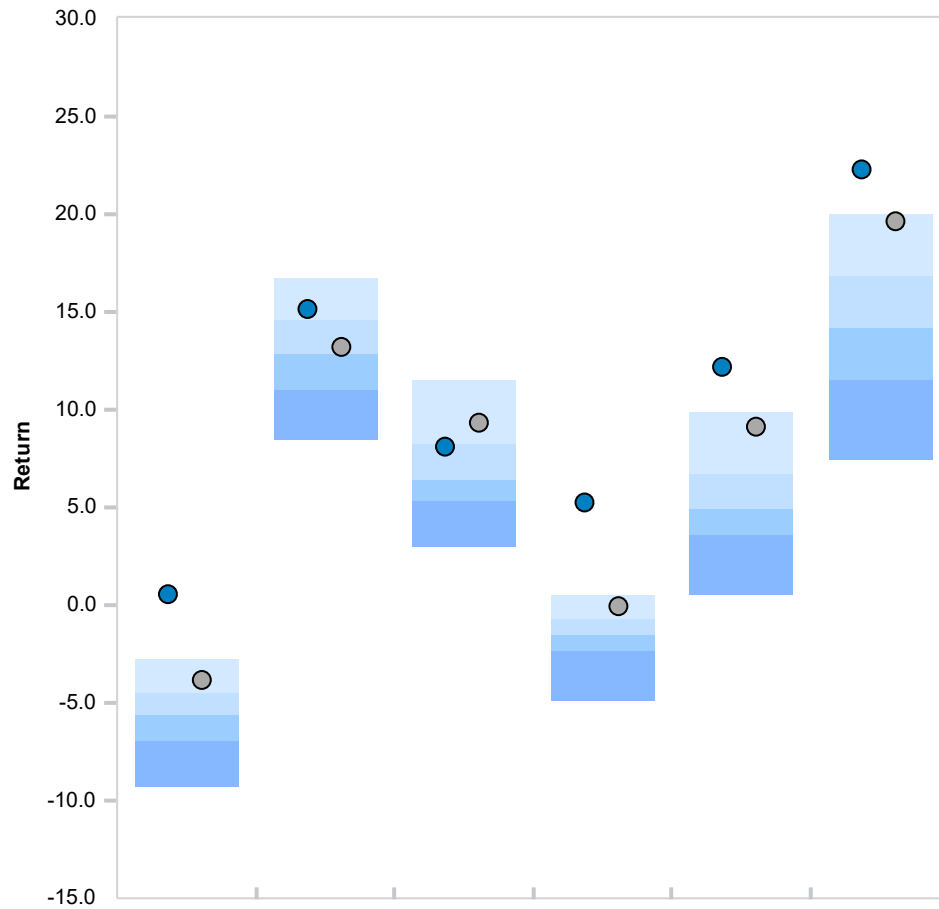


Peer Group Analysis - IM Mixed-Asset Target Alloc Moderate (MF)



	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR
● Investment	0.58 (71)	10.49 (1)	10.49 (1)	10.42 (1)	10.95 (2)	11.39 (1)	10.19 (1)
● Index	1.10 (41)	4.52 (44)	4.52 (44)	7.04 (10)	8.17 (10)	8.76 (12)	7.23 (5)
Median	0.93	4.00	4.00	4.60	6.35	7.02	4.98

Peer Group Analysis - IM Mixed-Asset Target Alloc Moderate (MF)



	2018	2017	2016	2015	2014	2013
● Investment	0.51 (1)	15.10 (19)	8.05 (28)	5.21 (1)	12.17 (2)	22.20 (3)
● Index	-3.92 (15)	13.12 (48)	9.26 (16)	-0.13 (14)	9.08 (10)	19.56 (7)
Median	-5.60	12.84	6.45	-1.56	4.92	14.23

Comparative Performance

	1 Qtr Ending Jun-2019	1 Qtr Ending Mar-2019	1 Qtr Ending Dec-2018	1 Qtr Ending Sep-2018	1 Qtr Ending Jun-2018	1 Qtr Ending Mar-2018
Investment	4.85 (1)	11.84 (1)	-6.32 (27)	4.68 (6)	2.13 (8)	0.36 (4)
Index	3.12 (39)	10.09 (5)	-8.94 (73)	3.54 (21)	2.33 (4)	-0.41 (20)
Median	2.98	8.27	-7.79	2.49	0.57	-0.88





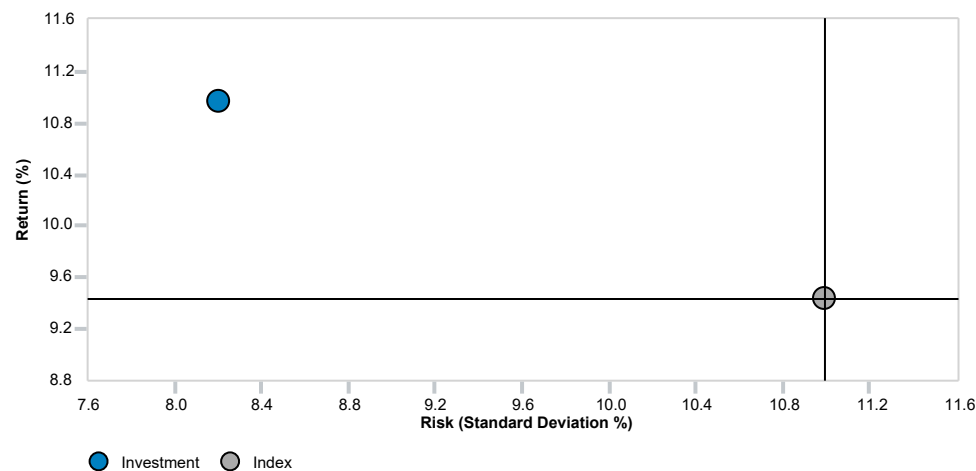
Historical Statistics 3 Years

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	10.96	8.20	1.13	97.84	10	69.79	2
Index	9.43	10.99	0.74	100.00	10	100.00	2

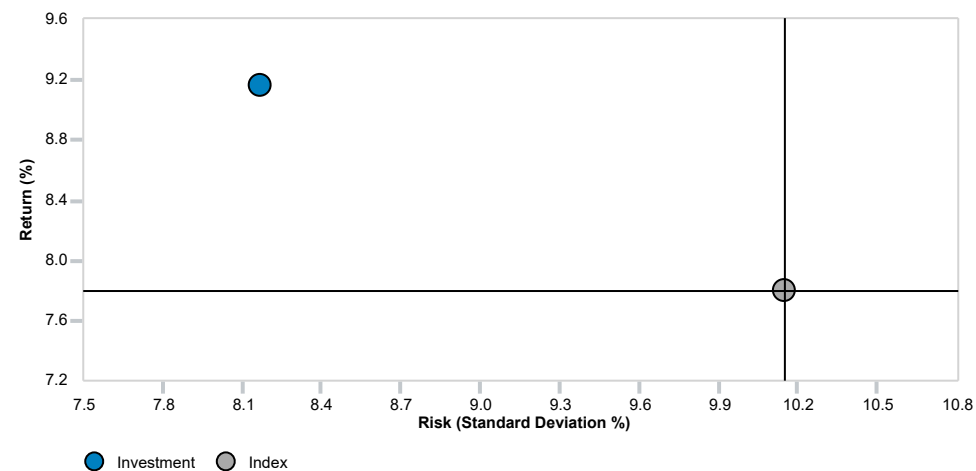
Historical Statistics 5 Years

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	9.17	8.17	1.01	98.16	16	71.68	4
Index	7.79	10.15	0.70	100.00	16	100.00	4

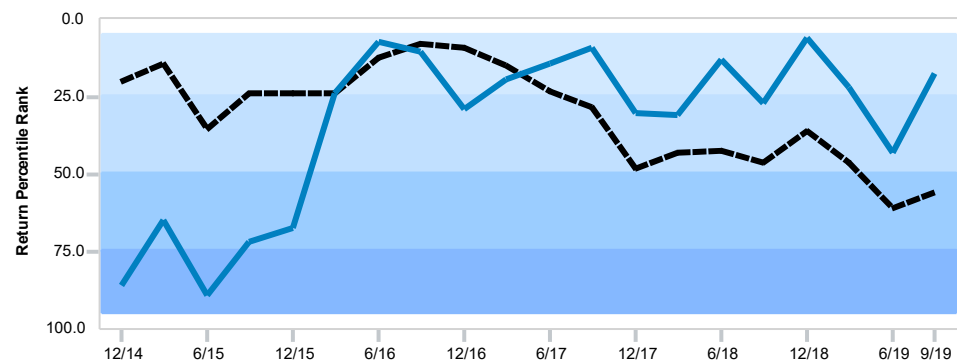
Risk and Return 3 Years



Risk and Return 5 Years

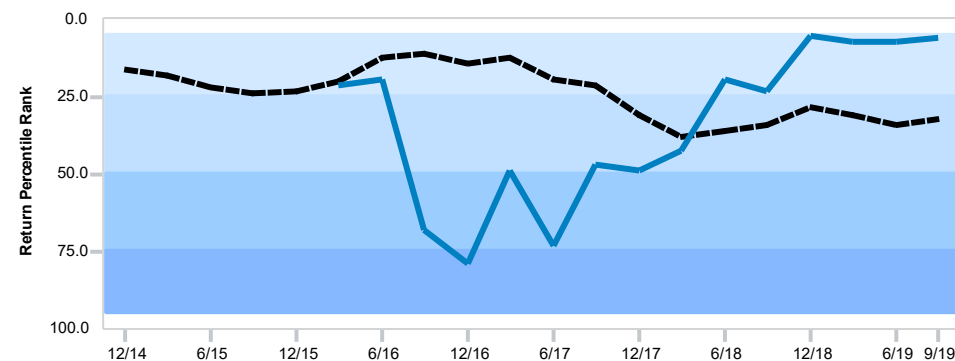


3 Year Rolling Percentile Rank IM U.S. Large Cap Value Equity (MF)



	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	20	10 (50%)	5 (25%)	3 (15%)	2 (10%)
Index	20	10 (50%)	8 (40%)	2 (10%)	0 (0%)

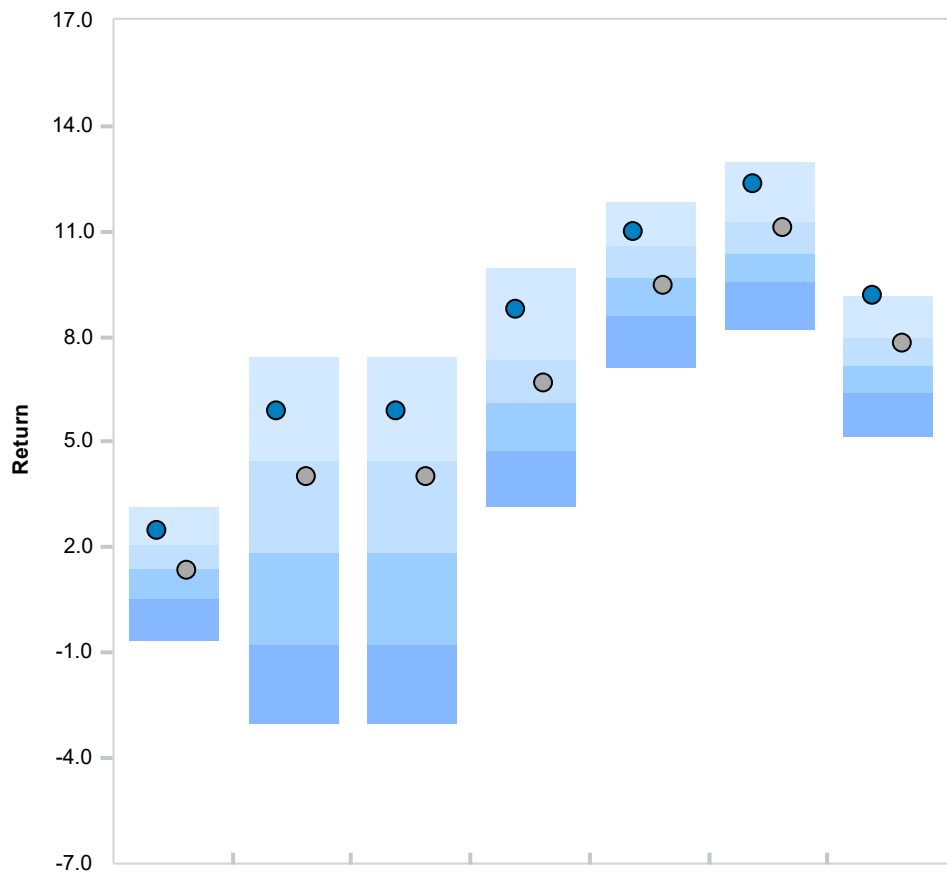
5 Year Rolling Percentile Rank IM U.S. Large Cap Value Equity (MF)



	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	15	8 (53%)	4 (27%)	2 (13%)	1 (7%)
Index	20	12 (60%)	8 (40%)	0 (0%)	0 (0%)

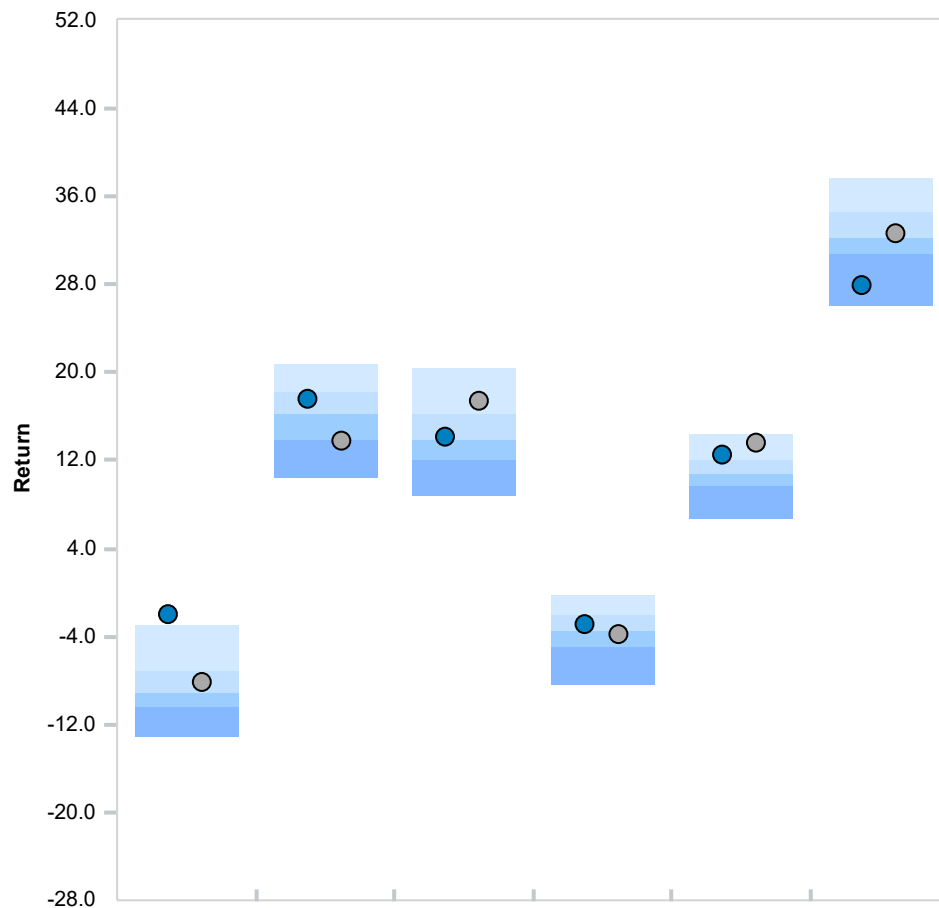


Peer Group Analysis - IM U.S. Large Cap Value Equity (MF)



	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR
● Investment	2.50 (17)	5.91 (15)	5.91 (15)	8.79 (13)	10.96 (17)	12.36 (9)	9.17 (6)
● Index	1.36 (53)	4.00 (30)	4.00 (30)	6.69 (39)	9.43 (56)	11.08 (30)	7.79 (32)
Median	1.41	1.87	1.87	6.12	9.67	10.35	7.17

Peer Group Analysis - IM U.S. Large Cap Value Equity (MF)



	2018	2017	2016	2015	2014	2013
● Investment	-2.11 (4)	17.57 (32)	14.11 (46)	-2.88 (36)	12.54 (19)	27.86 (92)
● Index	-8.27 (36)	13.66 (77)	17.34 (19)	-3.83 (57)	13.45 (9)	32.53 (48)
Median	-9.08	16.25	13.82	-3.54	10.81	32.30

Comparative Performance

	1 Qtr Ending Jun-2019	1 Qtr Ending Mar-2019	1 Qtr Ending Dec-2018	1 Qtr Ending Sep-2018	1 Qtr Ending Jun-2018	1 Qtr Ending Mar-2018
Investment	3.07 (62)	8.95 (97)	-7.99 (5)	5.90 (53)	2.69 (16)	-2.17 (32)
Index	3.84 (39)	11.93 (40)	-11.72 (29)	5.70 (57)	1.18 (59)	-2.83 (58)
Median	3.49	11.58	-12.92	5.95	1.38	-2.59



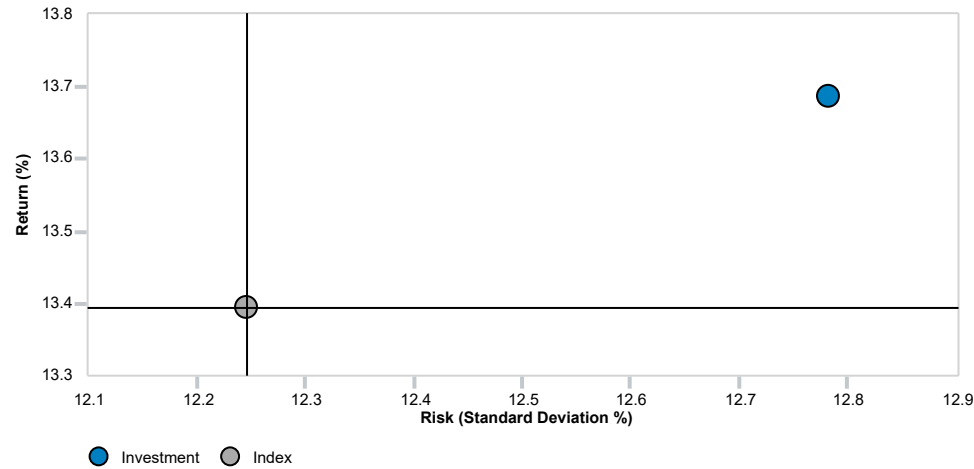
Historical Statistics 3 Years

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	13.69	12.78	0.96	100.48	11	94.82	1
Index	13.39	12.25	0.98	100.00	10	100.00	2

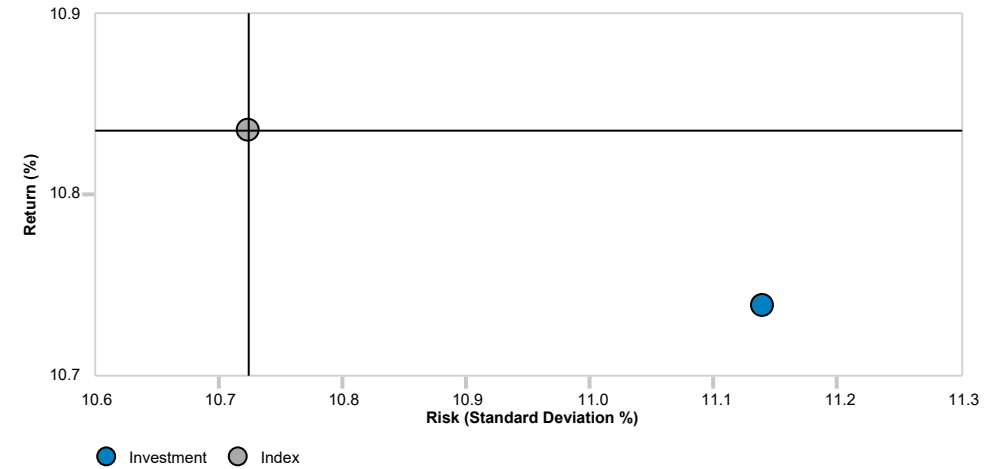
Historical Statistics 5 Years

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	10.74	11.14	0.90	99.63	18	99.72	2
Index	10.84	10.72	0.94	100.00	17	100.00	3

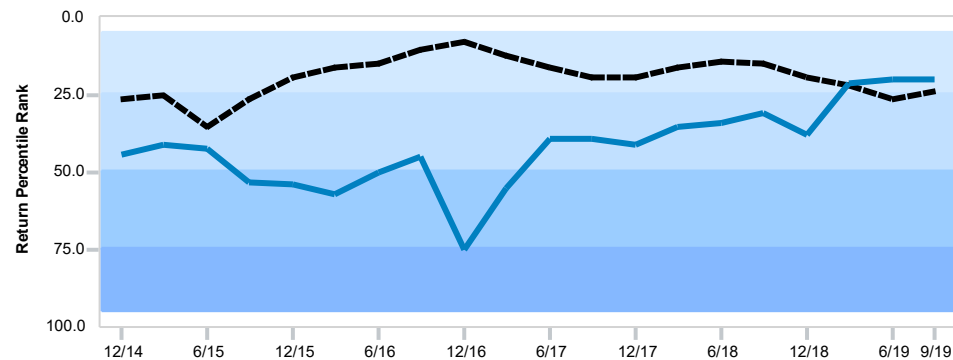
Risk and Return 3 Years



Risk and Return 5 Years

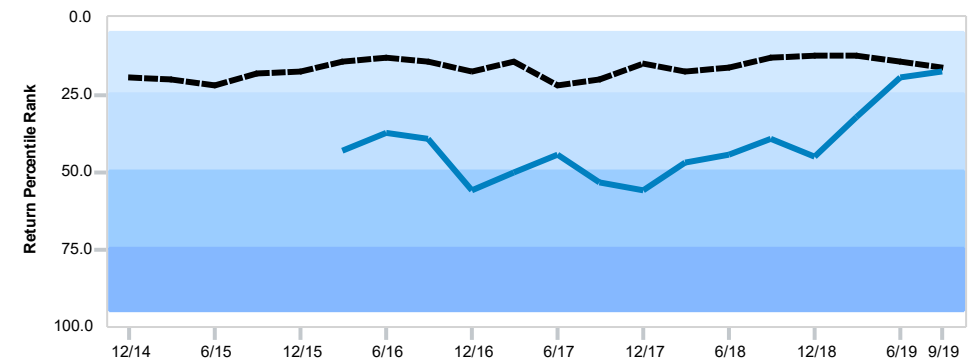


3 Year Rolling Percentile Rank IM U.S. Large Cap Core Equity (MF)



	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	20	3 (15%)	12 (60%)	5 (25%)	0 (0%)
Index	20	16 (80%)	4 (20%)	0 (0%)	0 (0%)

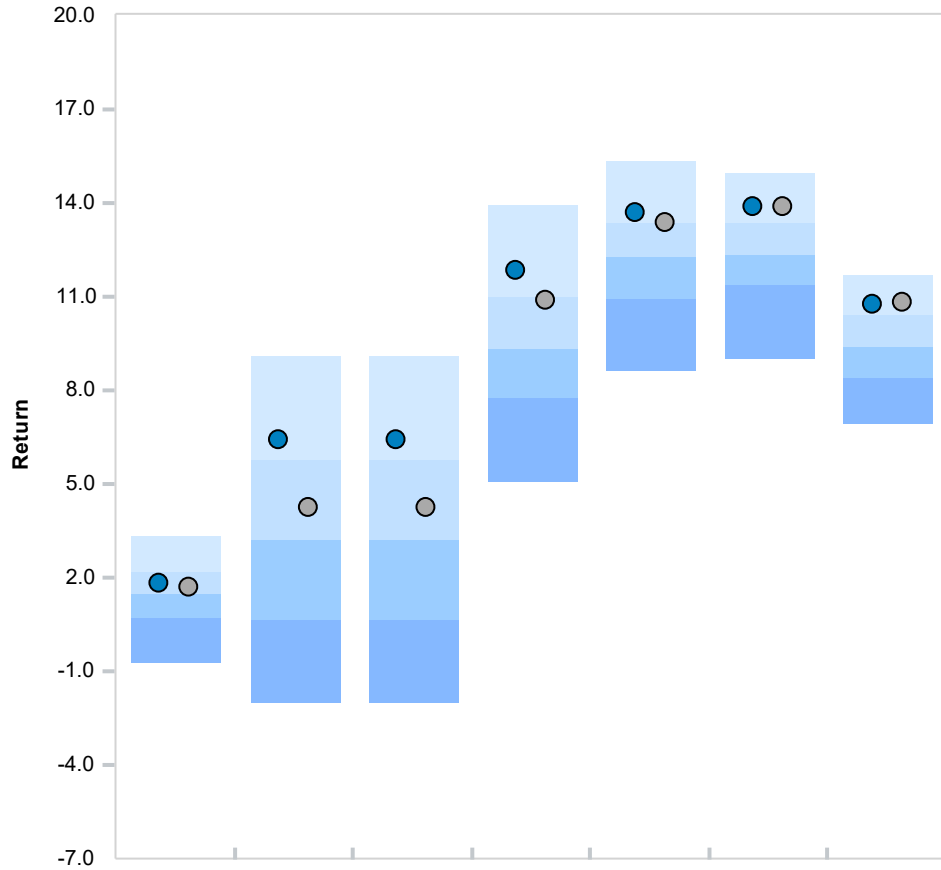
5 Year Rolling Percentile Rank IM U.S. Large Cap Core Equity (MF)



	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	15	2 (13%)	10 (67%)	3 (20%)	0 (0%)
Index	20	20 (100%)	0 (0%)	0 (0%)	0 (0%)

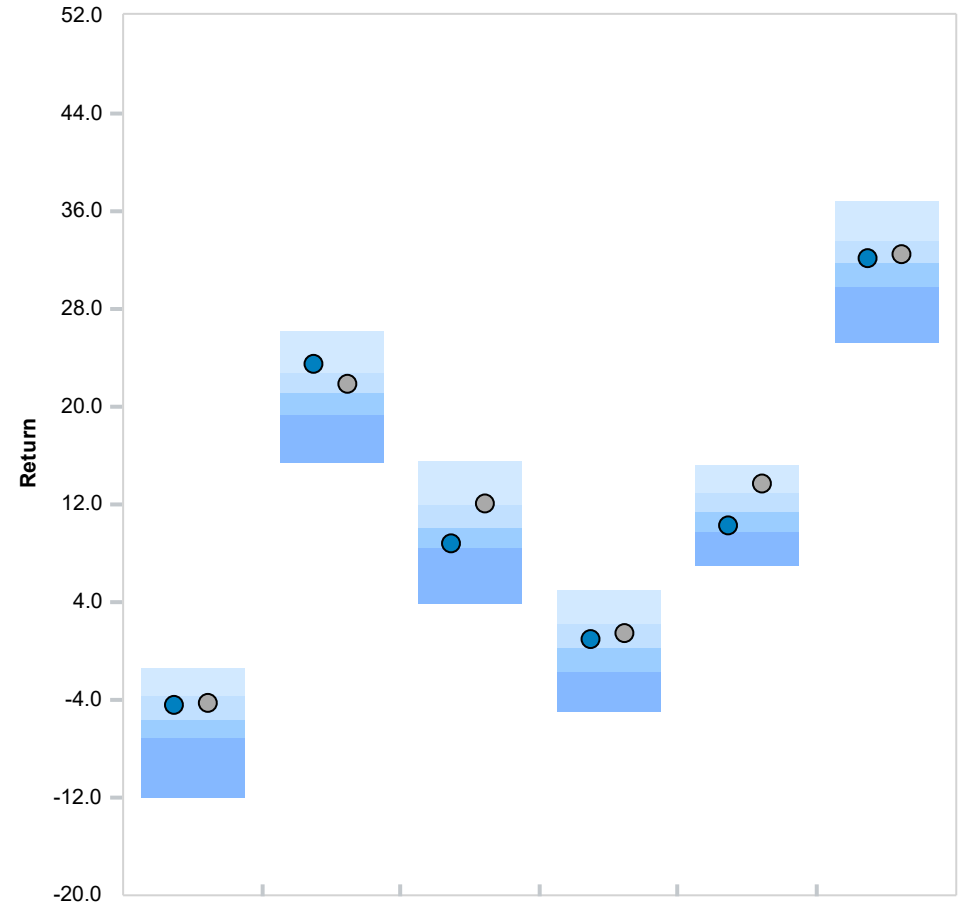


Peer Group Analysis - IM U.S. Large Cap Core Equity (MF)



	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR
● Investment	1.83 (34)	6.41 (19)	6.41 (19)	11.84 (16)	13.69 (20)	13.86 (14)	10.74 (17)
● Index	1.70 (39)	4.25 (39)	4.25 (39)	10.87 (28)	13.39 (24)	13.90 (14)	10.84 (16)
Median	1.46	3.21	3.21	9.36	12.26	12.36	9.41

Peer Group Analysis - IM U.S. Large Cap Core Equity (MF)



	2018	2017	2016	2015	2014	2013
● Investment	-4.48 (31)	23.35 (21)	8.73 (70)	0.86 (42)	10.18 (70)	32.11 (44)
● Index	-4.38 (30)	21.83 (38)	11.96 (27)	1.38 (33)	13.69 (16)	32.39 (38)
Median	-5.61	21.17	10.08	0.26	11.41	31.77

Comparative Performance

	1 Qtr Ending Jun-2019	1 Qtr Ending Mar-2019	1 Qtr Ending Dec-2018	1 Qtr Ending Sep-2018	1 Qtr Ending Jun-2018	1 Qtr Ending Mar-2018
Investment	5.92 (8)	14.68 (10)	-13.97 (59)	7.18 (54)	3.15 (38)	0.43 (12)
Index	4.30 (44)	13.65 (31)	-13.52 (46)	7.71 (32)	3.43 (26)	-0.76 (45)
Median	4.15	13.08	-13.74	7.28	2.78	-1.02



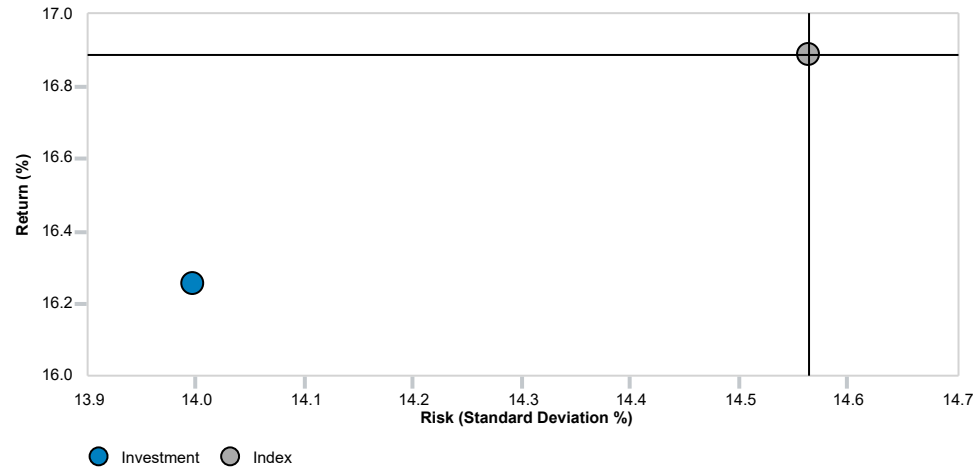
Historical Statistics 3 Years

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	16.26	14.00	1.05	94.39	10	89.00	2
Index	16.89	14.57	1.06	100.00	11	100.00	1

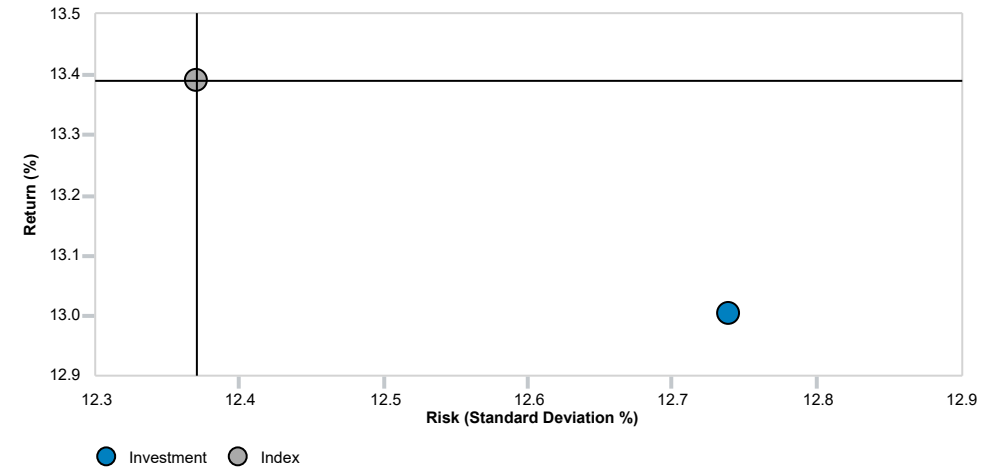
Historical Statistics 5 Years

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	13.00	12.74	0.96	95.55	15	88.87	5
Index	13.39	12.37	1.02	100.00	18	100.00	2

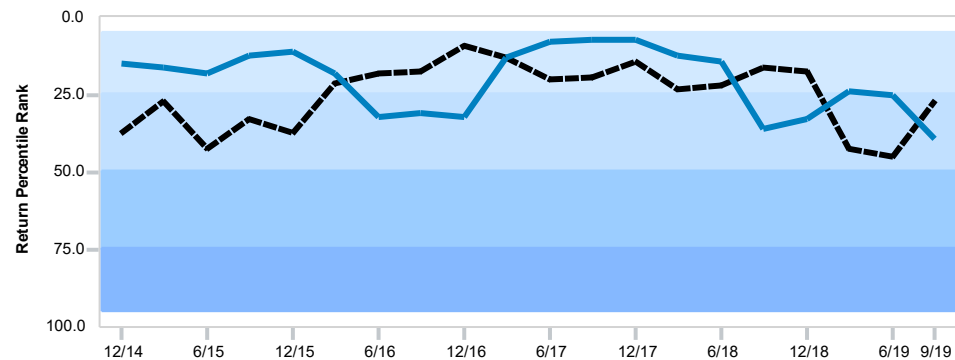
Risk and Return 3 Years



Risk and Return 5 Years

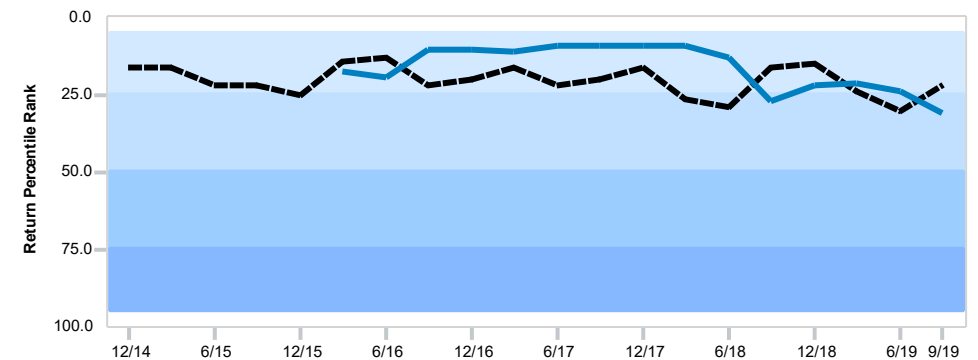


3 Year Rolling Percentile Rank IM U.S. Large Cap Growth Equity (MF)



	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	20	14 (70%)	6 (30%)	0 (0%)	0 (0%)
Index	20	12 (60%)	8 (40%)	0 (0%)	0 (0%)

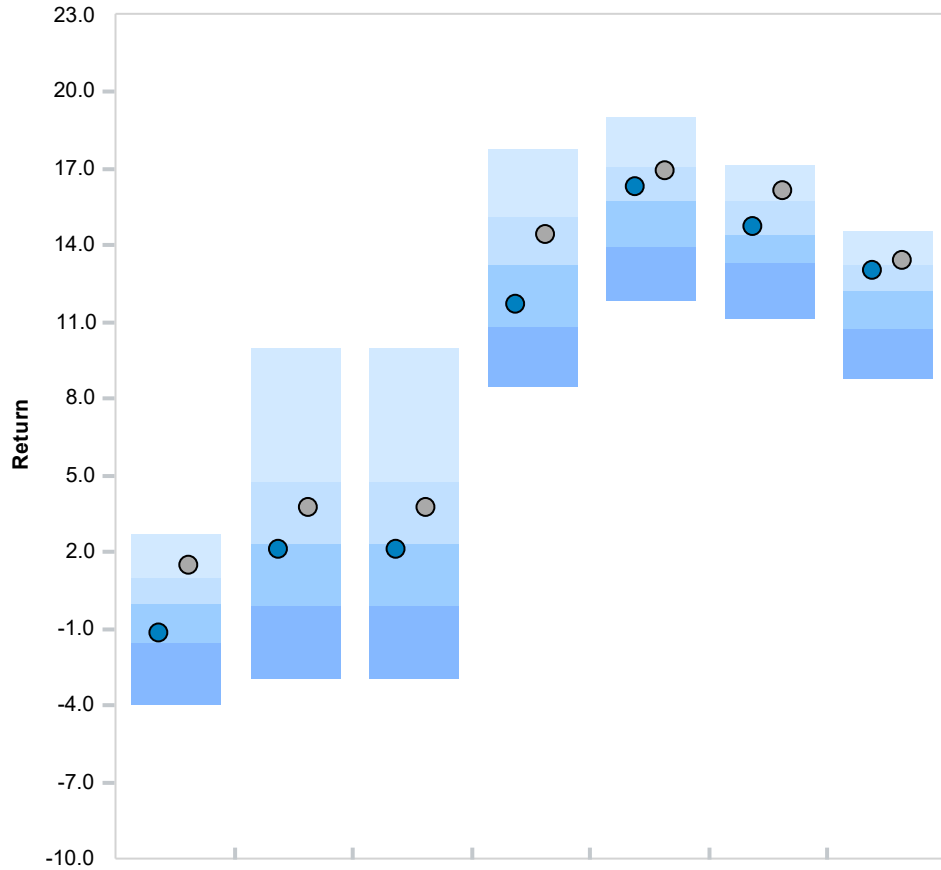
5 Year Rolling Percentile Rank IM U.S. Large Cap Growth Equity (MF)



	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	15	13 (87%)	2 (13%)	0 (0%)	0 (0%)
Index	20	17 (85%)	3 (15%)	0 (0%)	0 (0%)

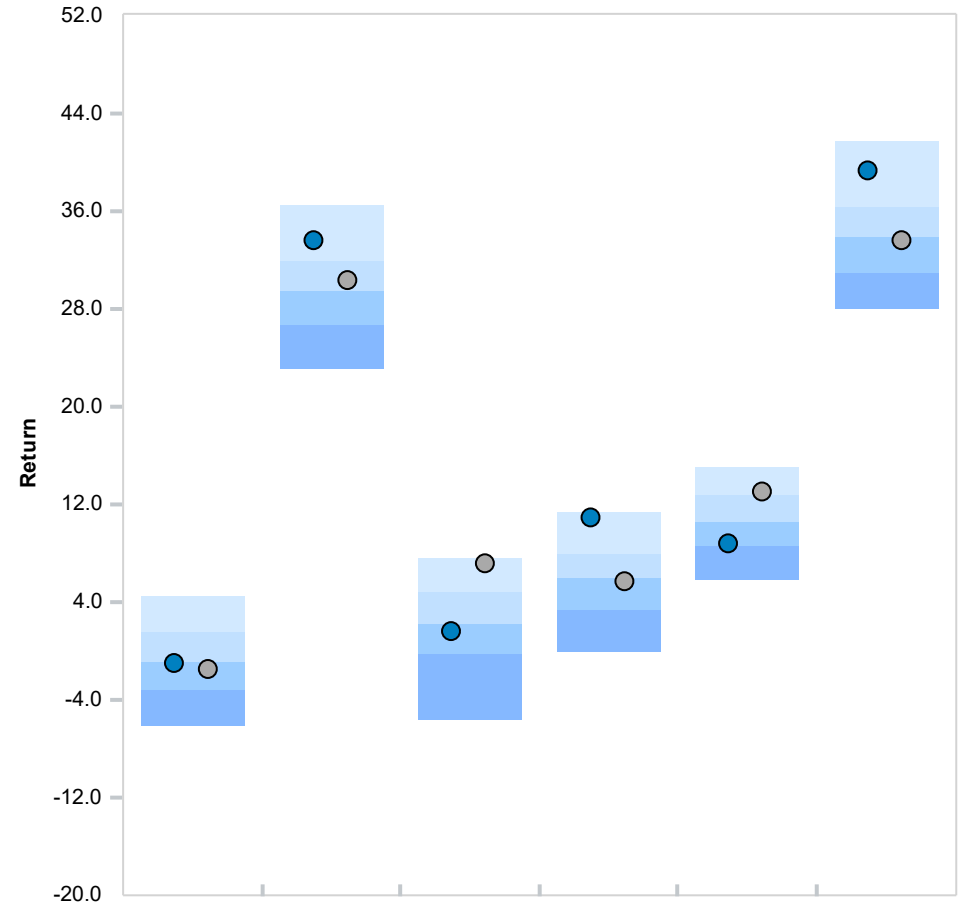


**Peer Group Analysis - IM U.S. Large Cap Growth Equity (MF)**



	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR
● Investment	-1.21 (71)	2.06 (54)	2.06 (54)	11.65 (71)	16.26 (39)	14.71 (46)	13.00 (31)
● Index	1.49 (16)	3.71 (33)	3.71 (33)	14.45 (31)	16.89 (27)	16.10 (19)	13.39 (22)
Median	-0.01	2.32	2.32	13.21	15.72	14.43	12.20

**Peer Group Analysis - IM U.S. Large Cap Growth Equity (MF)**



	2018	2017	2016	2015	2014	2013
● Investment	-1.09 (53)	33.57 (17)	1.51 (58)	10.80 (8)	8.69 (74)	39.26 (11)
● Index	-1.51 (58)	30.21 (41)	7.08 (8)	5.67 (54)	13.05 (22)	33.48 (55)
Median	-0.86	29.47	2.18	6.00	10.46	33.94

**Comparative Performance**

	1 Qtr Ending Jun-2019	1 Qtr Ending Mar-2019	1 Qtr Ending Dec-2018	1 Qtr Ending Sep-2018	1 Qtr Ending Jun-2018	1 Qtr Ending Mar-2018
Investment	3.79 (77)	15.93 (62)	-14.14 (20)	4.85 (97)	5.87 (48)	3.78 (34)
Index	4.64 (56)	16.10 (55)	-15.89 (54)	9.17 (11)	5.76 (51)	1.42 (78)
Median	4.76	16.25	-15.73	7.78	5.77	2.82



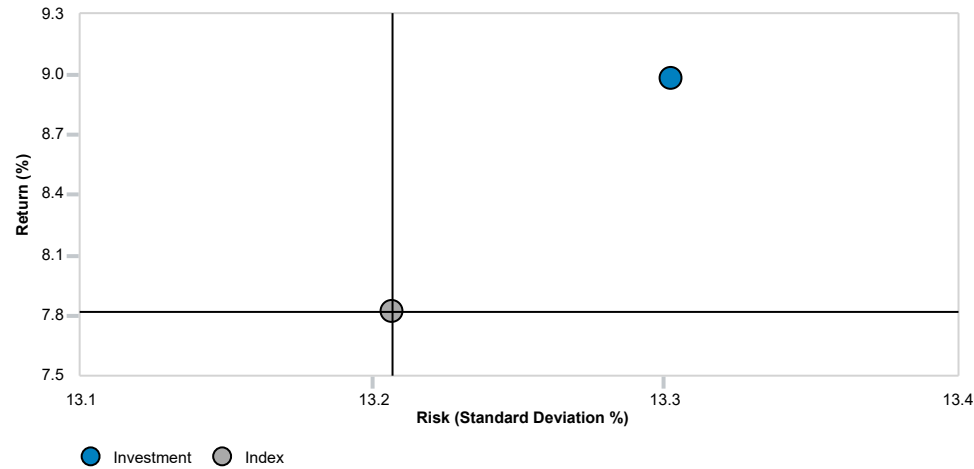
**Historical Statistics 3 Years**

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	8.98	13.30	0.60	103.36	10	97.09	2
Index	7.82	13.21	0.52	100.00	10	100.00	2

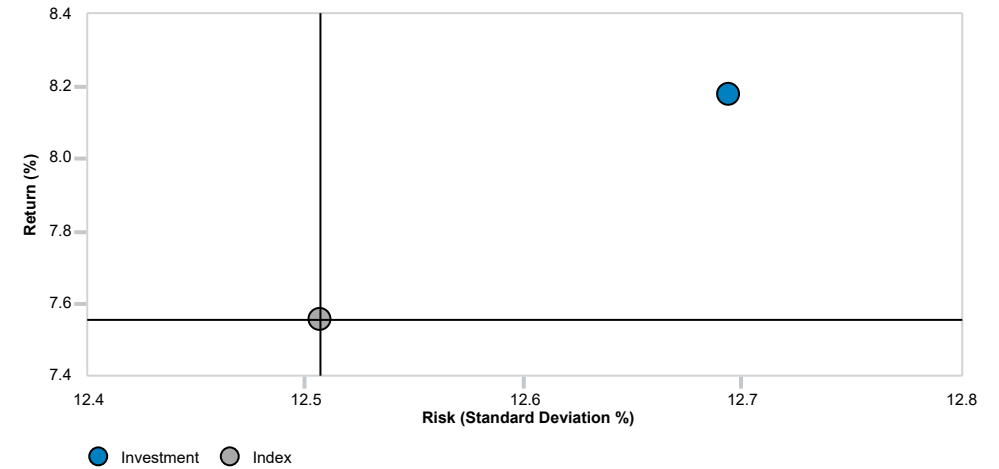
**Historical Statistics 5 Years**

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	8.18	12.69	0.61	100.45	16	95.79	4
Index	7.55	12.51	0.57	100.00	16	100.00	4

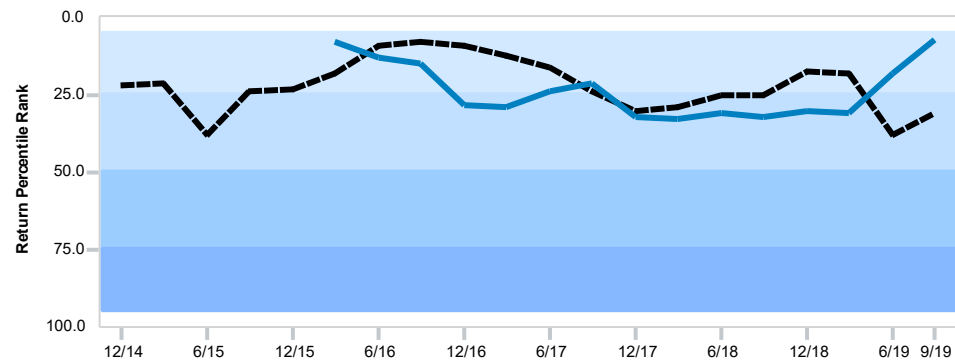
**Risk and Return 3 Years**



**Risk and Return 5 Years**

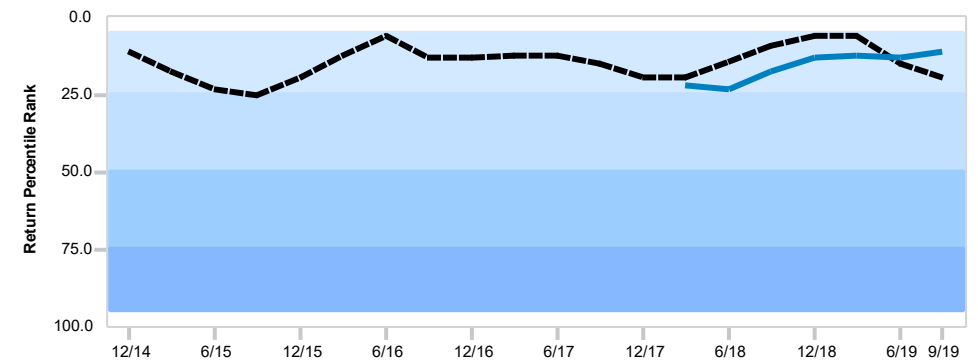


**3 Year Rolling Percentile Rank IM U.S. Mid Cap Value Equity (MF)**



	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	15	7 (47%)	8 (53%)	0 (0%)	0 (0%)
Index	20	15 (75%)	5 (25%)	0 (0%)	0 (0%)

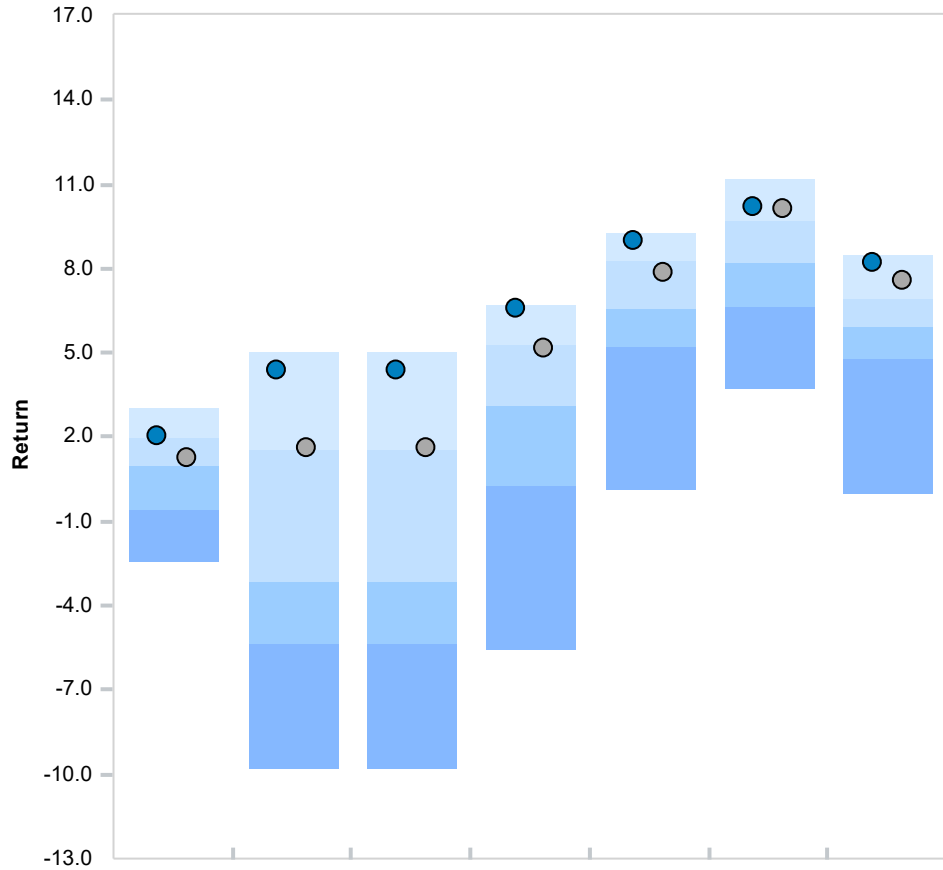
**5 Year Rolling Percentile Rank IM U.S. Mid Cap Value Equity (MF)**



	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	7	7 (100%)	0 (0%)	0 (0%)	0 (0%)
Index	20	20 (100%)	0 (0%)	0 (0%)	0 (0%)

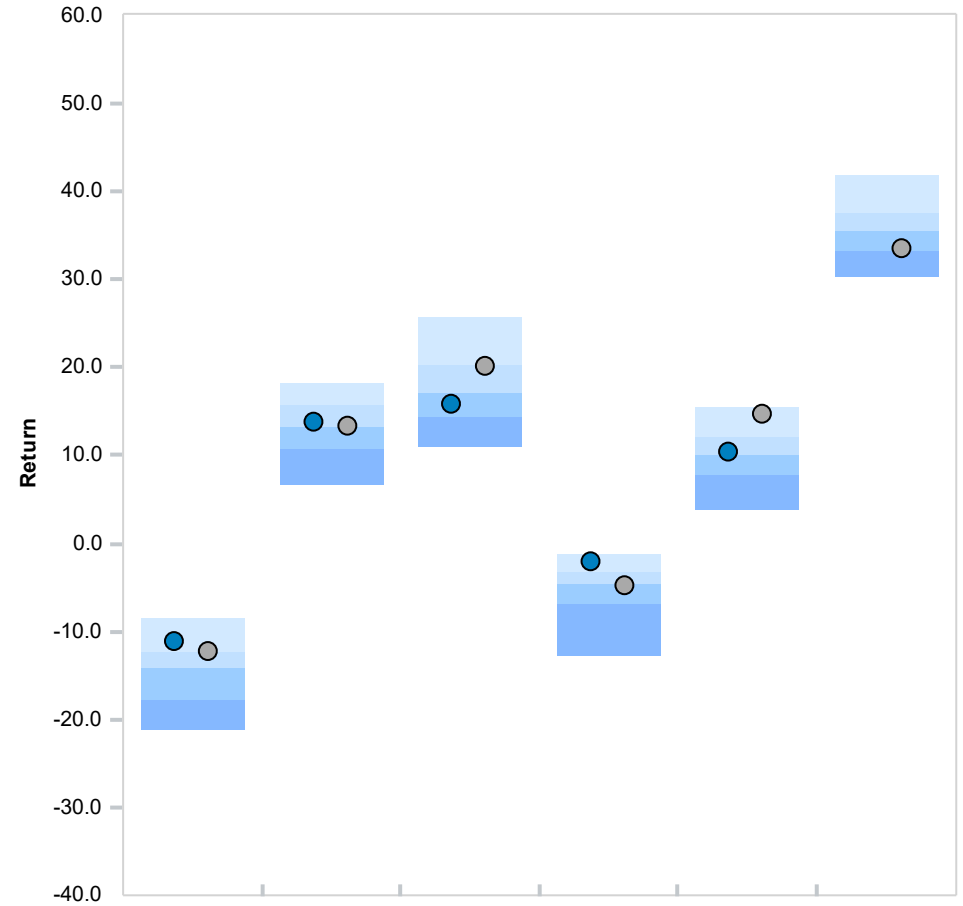


**Peer Group Analysis - IM U.S. Mid Cap Value Equity (MF)**



	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR
● Investment	2.06 (22)	4.39 (9)	4.39 (9)	6.58 (8)	8.98 (7)	10.16 (17)	8.18 (11)
● Index	1.22 (47)	1.60 (25)	1.60 (25)	5.14 (27)	7.82 (31)	10.10 (19)	7.55 (19)
Median	0.99	-3.11	-3.11	3.07	6.59	8.18	5.91

**Peer Group Analysis - IM U.S. Mid Cap Value Equity (MF)**



	2018	2017	2016	2015	2014	2013
● Investment	-11.31 (16)	13.84 (42)	15.86 (63)	-2.14 (13)	10.29 (50)	N/A
● Index	-12.29 (24)	13.34 (49)	20.00 (30)	-4.78 (52)	14.75 (10)	33.46 (75)
Median	-14.14	13.21	17.04	-4.65	10.17	35.44

**Comparative Performance**

	1 Qtr Ending Jun-2019	1 Qtr Ending Mar-2019	1 Qtr Ending Dec-2018	1 Qtr Ending Sep-2018	1 Qtr Ending Jun-2018	1 Qtr Ending Mar-2018
Investment	4.66 (6)	14.60 (26)	-14.72 (18)	3.55 (17)	2.35 (30)	-1.89 (49)
Index	3.19 (38)	14.37 (30)	-14.95 (27)	3.30 (23)	2.41 (30)	-2.50 (66)
Median	2.88	13.50	-17.17	2.82	1.91	-1.94





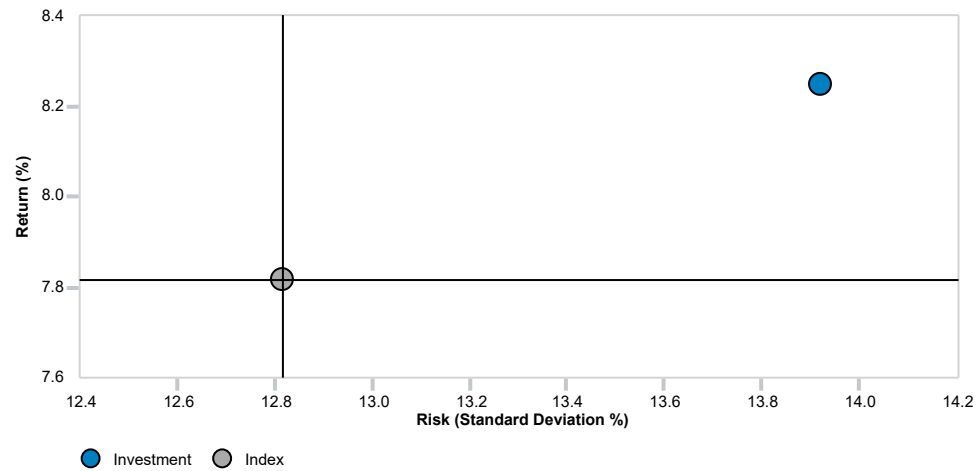
**Historical Statistics 3 Years**

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	8.25	13.92	0.54	106.79	10	106.77	2
Index	7.82	12.82	0.54	100.00	10	100.00	2

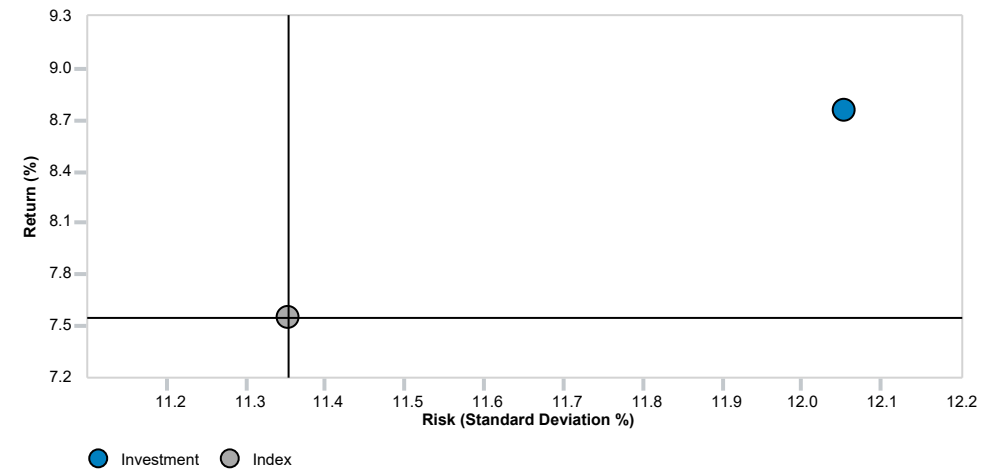
**Historical Statistics 5 Years**

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	8.76	12.05	0.68	107.38	16	95.82	4
Index	7.55	11.35	0.62	100.00	16	100.00	4

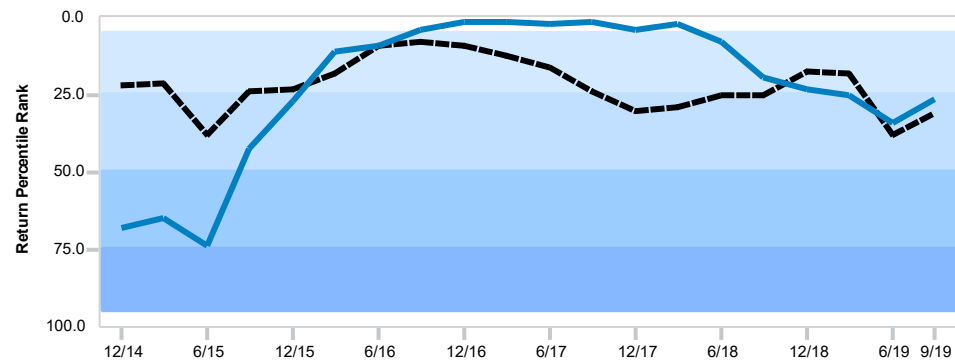
**Risk and Return 3 Years**



**Risk and Return 5 Years**

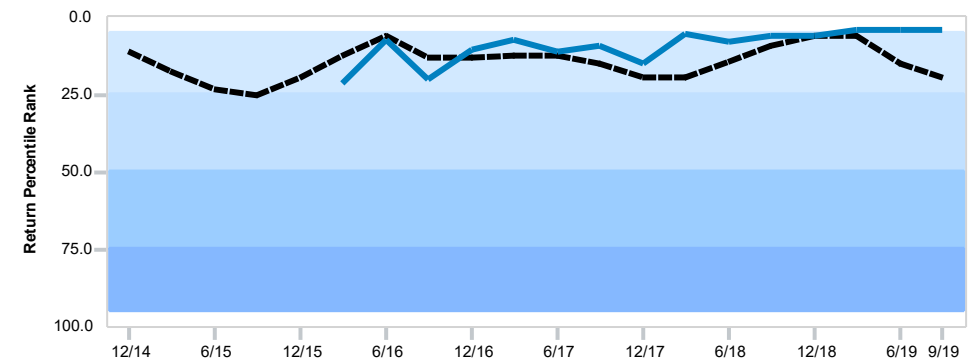


**3 Year Rolling Percentile Rank IM U.S. Mid Cap Value Equity (MF)**



	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	20	13 (65%)	4 (20%)	3 (15%)	0 (0%)
Index	20	15 (75%)	5 (25%)	0 (0%)	0 (0%)

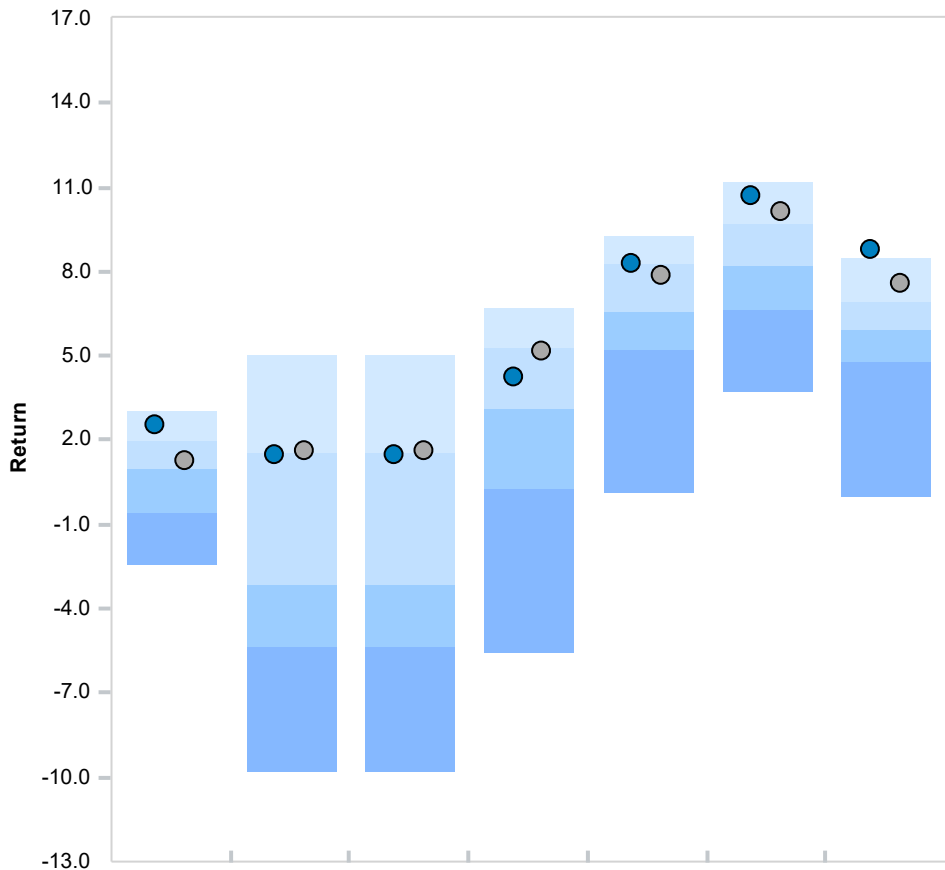
**5 Year Rolling Percentile Rank IM U.S. Mid Cap Value Equity (MF)**



	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	15	15 (100%)	0 (0%)	0 (0%)	0 (0%)
Index	20	20 (100%)	0 (0%)	0 (0%)	0 (0%)

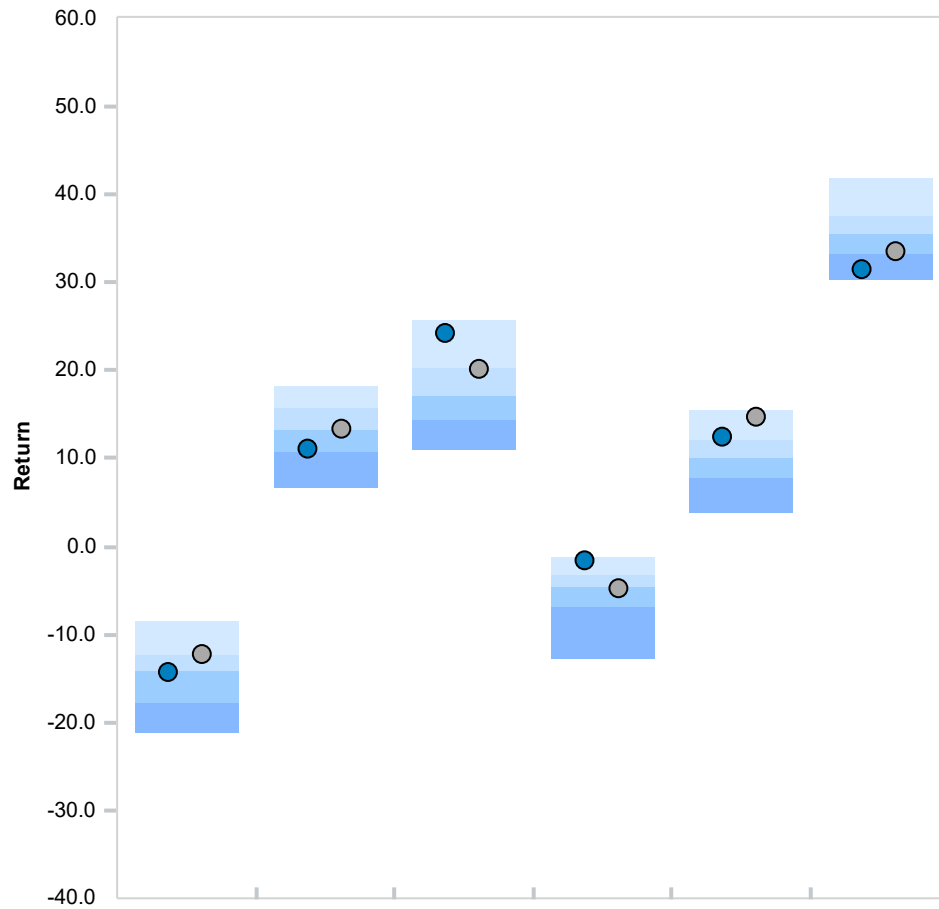


Peer Group Analysis - IM U.S. Mid Cap Value Equity (MF)



	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR
● Investment	2.50 (18)	1.49 (26)	1.49 (26)	4.21 (35)	8.25 (26)	10.69 (9)	8.76 (4)
● Index	1.22 (47)	1.60 (25)	1.60 (25)	5.14 (27)	7.82 (31)	10.10 (19)	7.55 (19)
Median	0.99	-3.11	-3.11	3.07	6.59	8.18	5.91

Peer Group Analysis - IM U.S. Mid Cap Value Equity (MF)



	2018	2017	2016	2015	2014	2013
● Investment	-14.34 (54)	11.12 (71)	24.07 (11)	-1.73 (10)	12.48 (23)	31.36 (86)
● Index	-12.29 (24)	13.34 (49)	20.00 (30)	-4.78 (52)	14.75 (10)	33.46 (75)
Median	-14.14	13.21	17.04	-4.65	10.17	35.44

Comparative Performance

	1 Qtr Ending Jun-2019	1 Qtr Ending Mar-2019	1 Qtr Ending Dec-2018	1 Qtr Ending Sep-2018	1 Qtr Ending Jun-2018	1 Qtr Ending Mar-2018
Investment	4.24 (15)	14.10 (34)	-16.75 (48)	2.20 (64)	2.62 (27)	-1.89 (49)
Index	3.19 (38)	14.37 (30)	-14.95 (27)	3.30 (23)	2.41 (30)	-2.50 (66)
Median	2.88	13.50	-17.17	2.82	1.91	-1.94



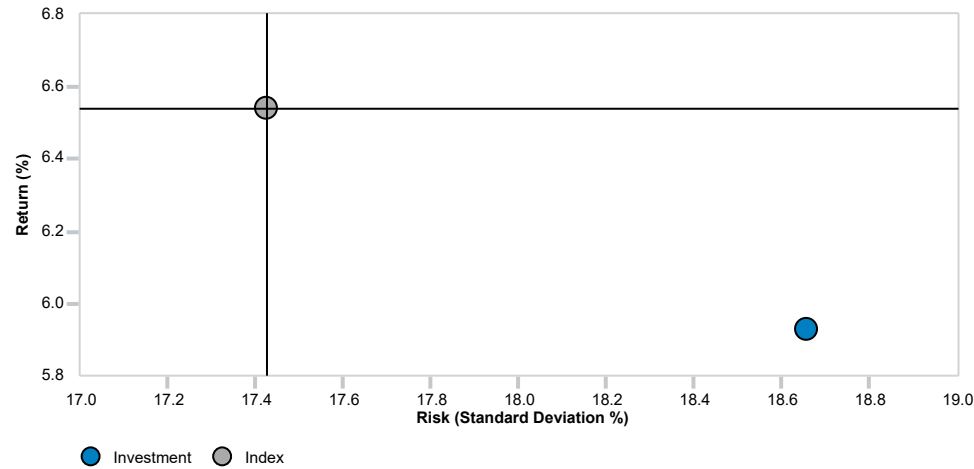
**Historical Statistics 3 Years**

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	5.93	18.66	0.32	101.24	8	103.62	4
Index	6.54	17.43	0.36	100.00	8	100.00	4

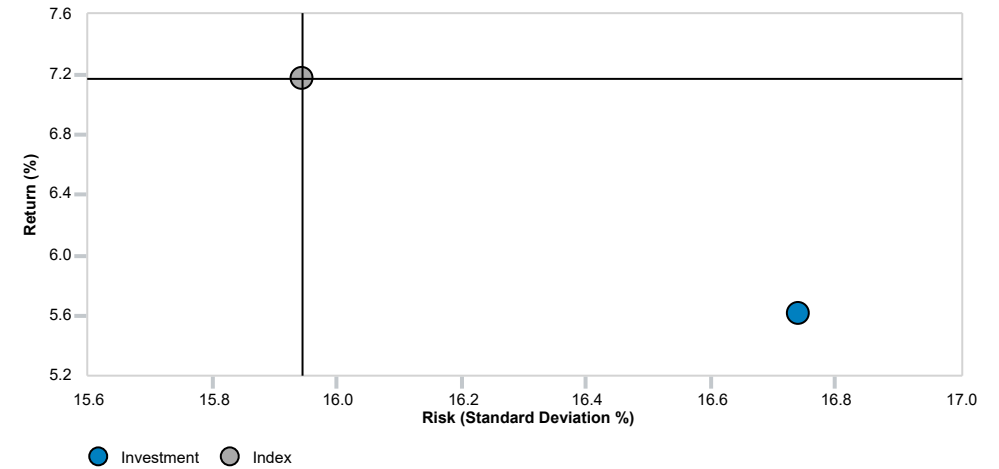
**Historical Statistics 5 Years**

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	5.61	16.74	0.35	96.05	14	101.90	6
Index	7.17	15.94	0.45	100.00	14	100.00	6

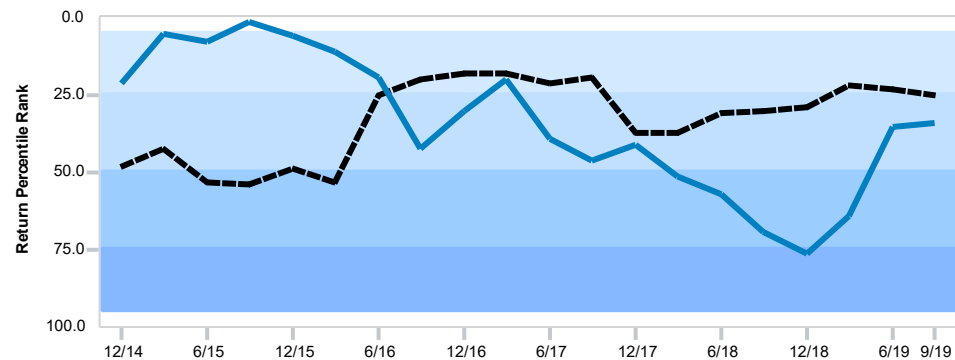
**Risk and Return 3 Years**



**Risk and Return 5 Years**

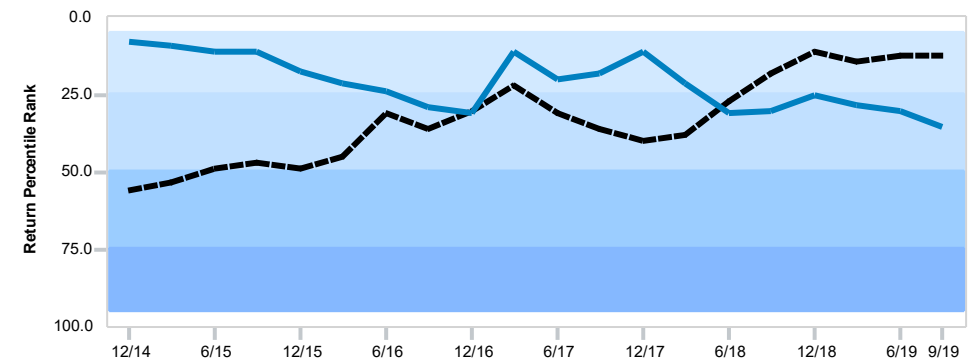


**3 Year Rolling Percentile Rank IM U.S. Small Cap Value Equity (MF)**



	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	20	8 (40%)	7 (35%)	4 (20%)	1 (5%)
Index	20	9 (45%)	8 (40%)	3 (15%)	0 (0%)

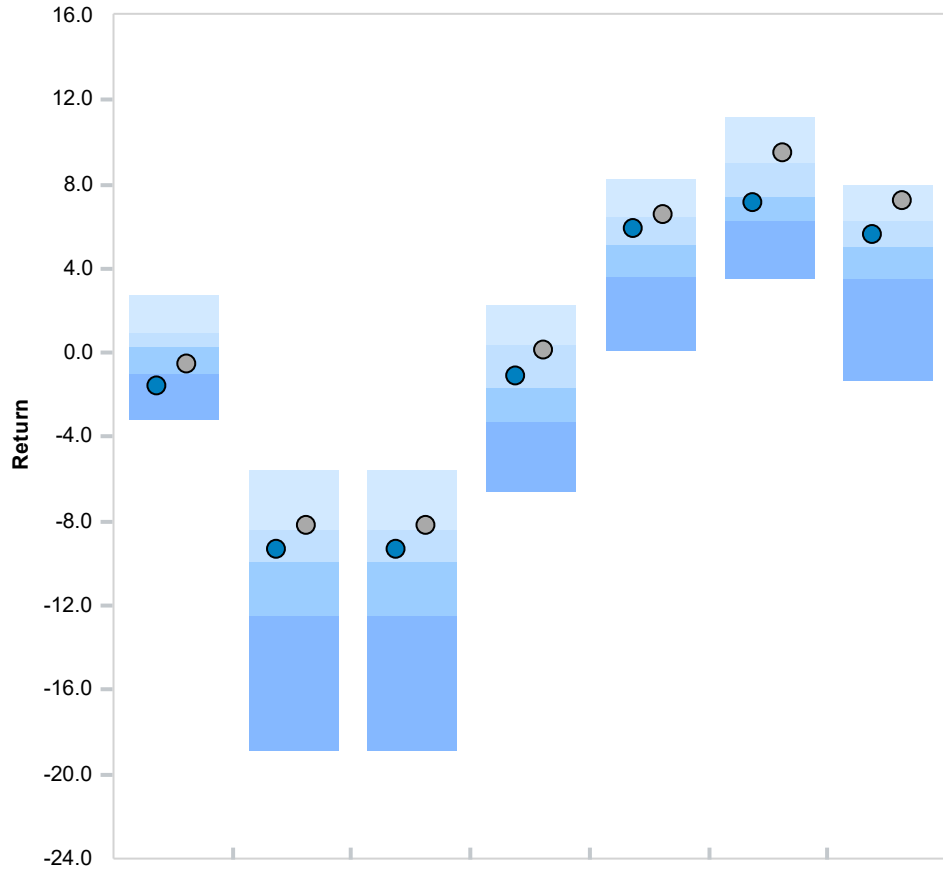
**5 Year Rolling Percentile Rank IM U.S. Small Cap Value Equity (MF)**



	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	20	13 (65%)	7 (35%)	0 (0%)	0 (0%)
Index	20	6 (30%)	12 (60%)	2 (10%)	0 (0%)

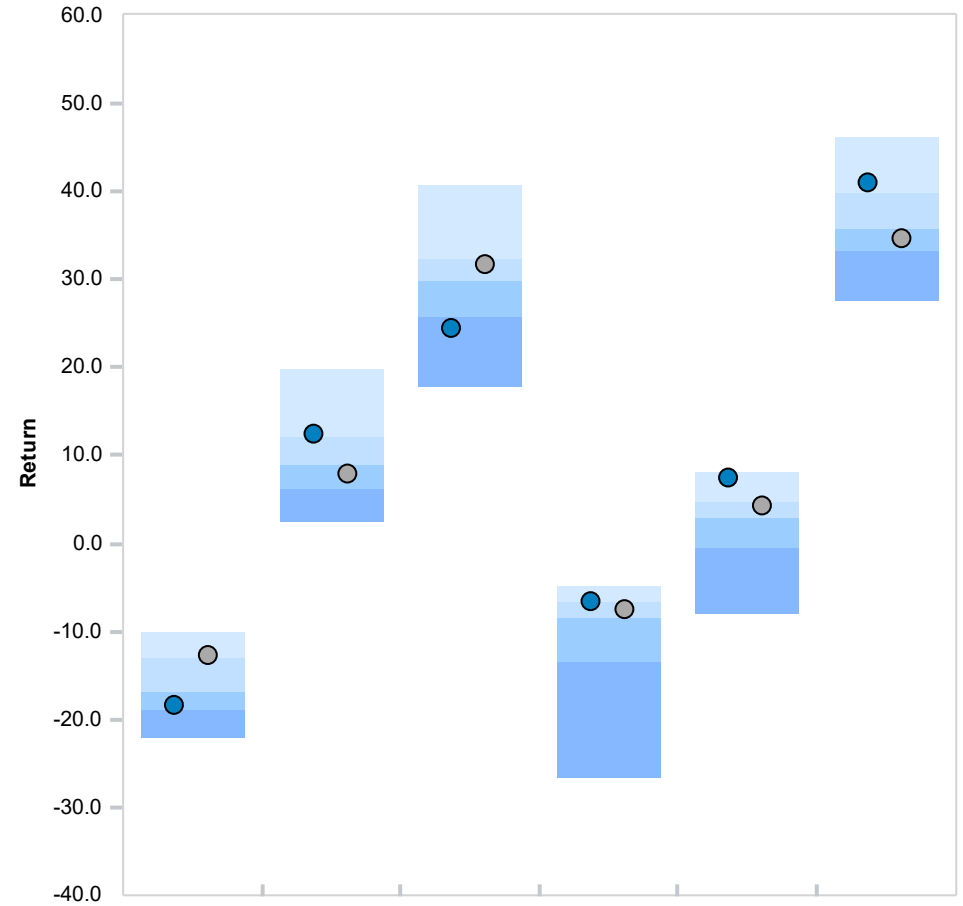


**Peer Group Analysis - IM U.S. Small Cap Value Equity (MF)**



	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR
● Investment	-1.55 (84)	-9.31 (41)	-9.31 (41)	-1.07 (41)	5.93 (34)	7.10 (60)	5.61 (35)
● Index	-0.57 (67)	-8.24 (20)	-8.24 (20)	0.16 (27)	6.54 (25)	9.48 (21)	7.17 (12)
Median	0.31	-9.87	-9.87	-1.71	5.09	7.38	4.99

**Peer Group Analysis - IM U.S. Small Cap Value Equity (MF)**



	2018	2017	2016	2015	2014	2013
● Investment	-18.56 (64)	12.35 (25)	24.38 (79)	-6.65 (26)	7.33 (8)	41.02 (24)
● Index	-12.86 (25)	7.84 (66)	31.74 (31)	-7.47 (44)	4.22 (31)	34.52 (64)
Median	-16.87	8.91	29.88	-8.52	2.78	35.81

**Comparative Performance**

	1 Qtr Ending Jun-2019	1 Qtr Ending Mar-2019	1 Qtr Ending Dec-2018	1 Qtr Ending Sep-2018	1 Qtr Ending Jun-2018	1 Qtr Ending Mar-2018
Investment	2.95 (4)	12.29 (46)	-20.32 (68)	1.14 (40)	4.91 (81)	-3.67 (70)
Index	1.38 (12)	11.93 (59)	-18.67 (32)	1.60 (32)	8.30 (30)	-2.64 (50)
Median	0.00	12.21	-20.08	0.76	7.74	-2.71



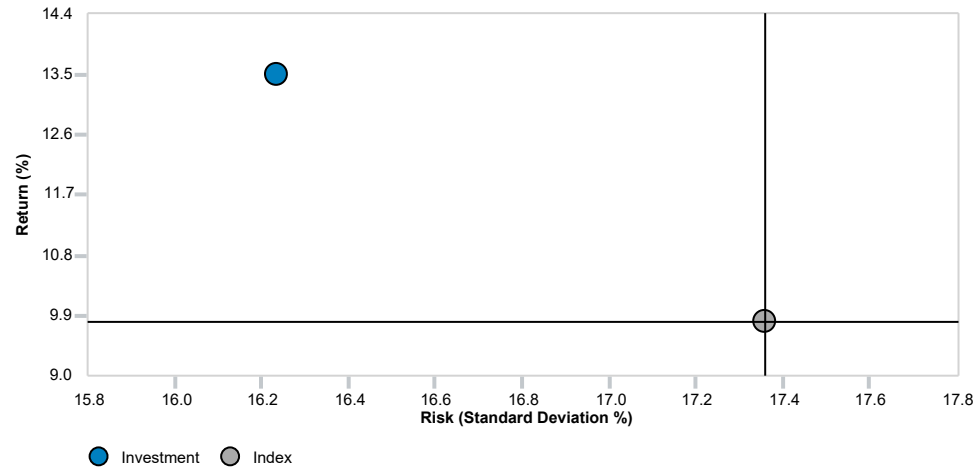
**Historical Statistics 3 Years**

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	13.51	16.23	0.78	108.70	10	83.05	2
Index	9.79	17.36	0.55	100.00	10	100.00	2

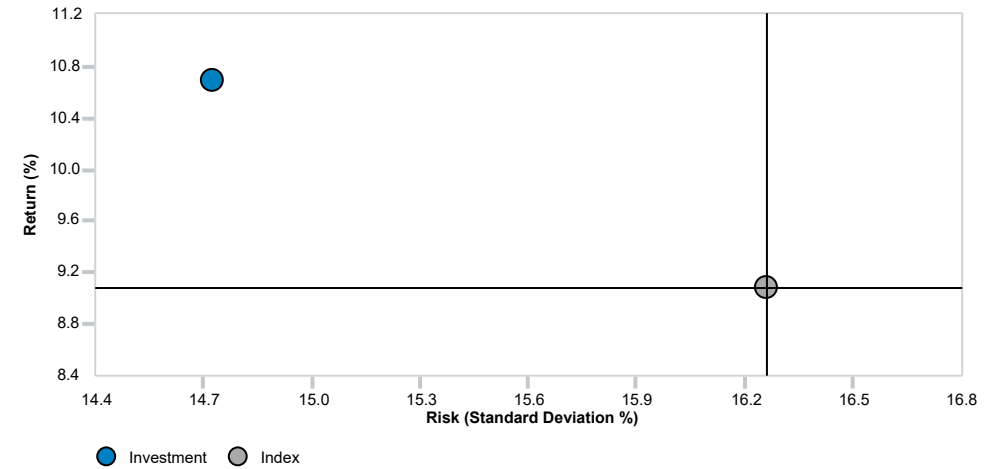
**Historical Statistics 5 Years**

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	10.68	14.73	0.71	99.46	16	84.87	4
Index	9.08	16.26	0.57	100.00	16	100.00	4

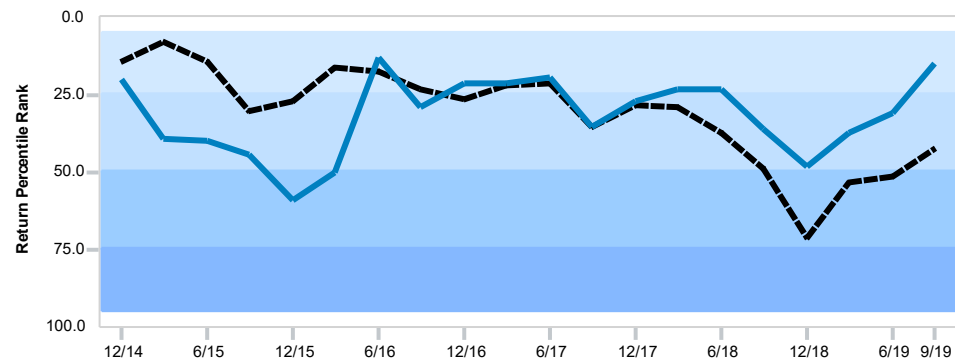
**Risk and Return 3 Years**



**Risk and Return 5 Years**

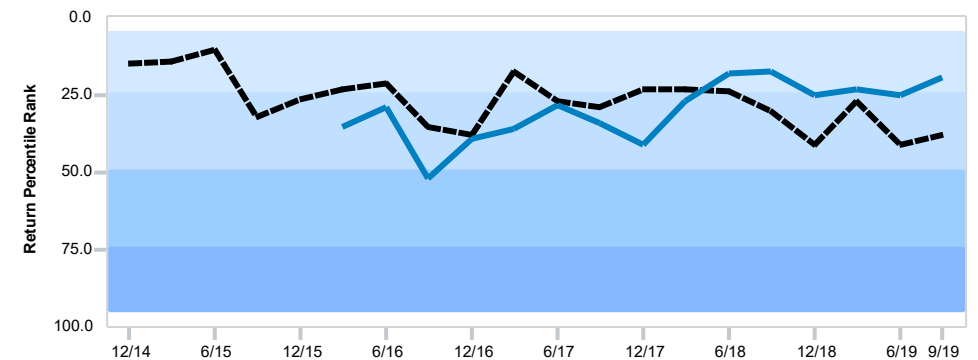


**3 Year Rolling Percentile Rank IM U.S. Small Cap Growth Equity (MF)**



	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	20	8 (40%)	11 (55%)	1 (5%)	0 (0%)
Index	20	8 (40%)	9 (45%)	3 (15%)	0 (0%)

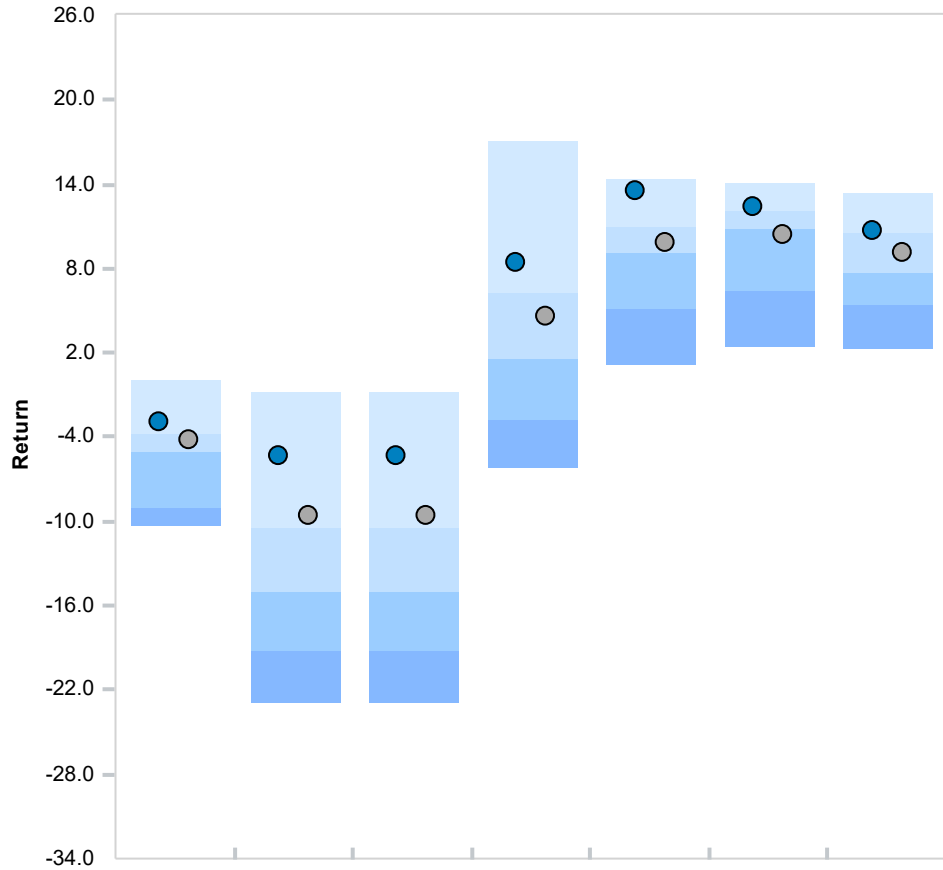
**5 Year Rolling Percentile Rank IM U.S. Small Cap Growth Equity (MF)**



	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	15	6 (40%)	8 (53%)	1 (7%)	0 (0%)
Index	20	9 (45%)	11 (55%)	0 (0%)	0 (0%)

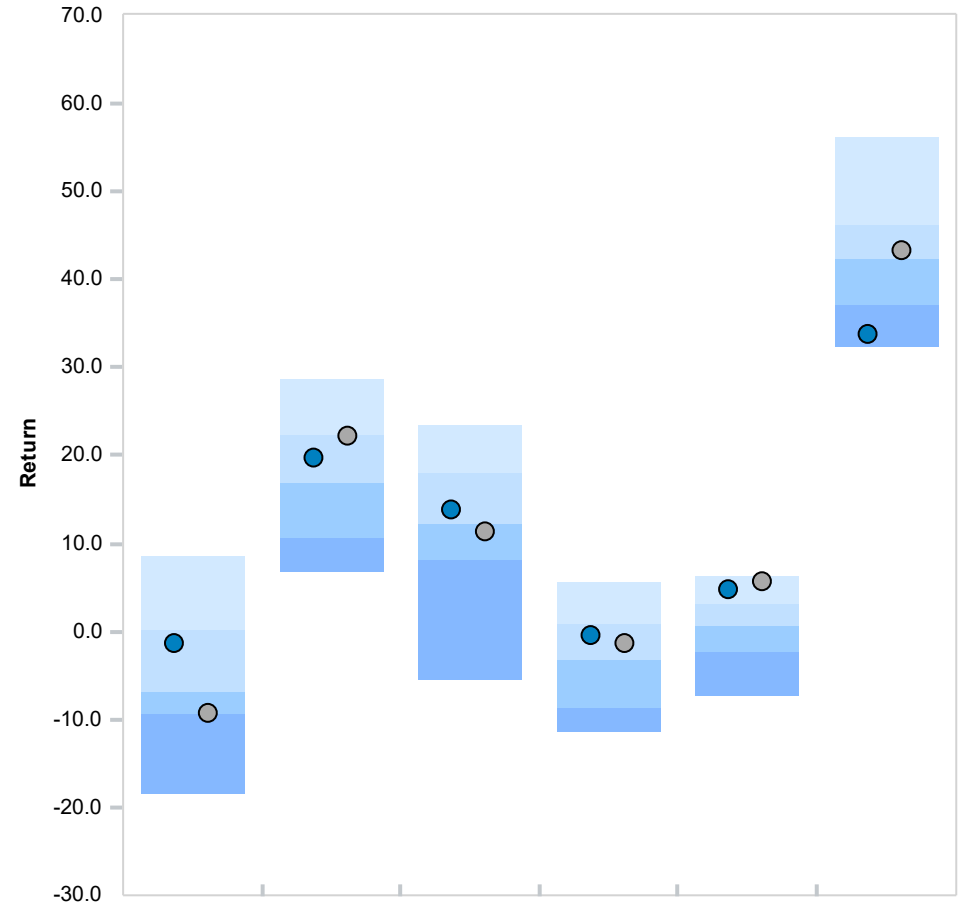


**Peer Group Analysis - IM U.S. Small Cap Growth Equity (MF)**



	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR
● Investment	-2.90 (19)	-5.30 (15)	-5.30 (15)	8.40 (15)	13.51 (15)	12.44 (18)	10.68 (19)
● Index	-4.17 (31)	-9.63 (25)	-9.63 (25)	4.60 (40)	9.79 (42)	10.37 (58)	9.08 (38)
Median	-5.12	-15.03	-15.03	1.56	9.13	10.88	7.76

**Peer Group Analysis - IM U.S. Small Cap Growth Equity (MF)**



	2018	2017	2016	2015	2014	2013
● Investment	-1.47 (29)	19.57 (37)	13.69 (39)	-0.61 (32)	4.79 (15)	33.76 (91)
● Index	-9.31 (75)	22.17 (28)	11.32 (55)	-1.38 (36)	5.60 (8)	43.30 (42)
Median	-6.85	16.99	12.19	-3.30	0.65	42.25

**Comparative Performance**

	1 Qtr Ending Jun-2019	1 Qtr Ending Mar-2019	1 Qtr Ending Dec-2018	1 Qtr Ending Sep-2018	1 Qtr Ending Jun-2018	1 Qtr Ending Mar-2018
Investment	2.46 (34)	16.86 (11)	-18.55 (23)	4.65 (80)	11.31 (40)	3.85 (10)
Index	2.75 (34)	17.14 (10)	-21.65 (63)	5.52 (64)	7.23 (88)	2.30 (36)
Median	1.02	13.27	-20.42	6.52	10.40	1.29



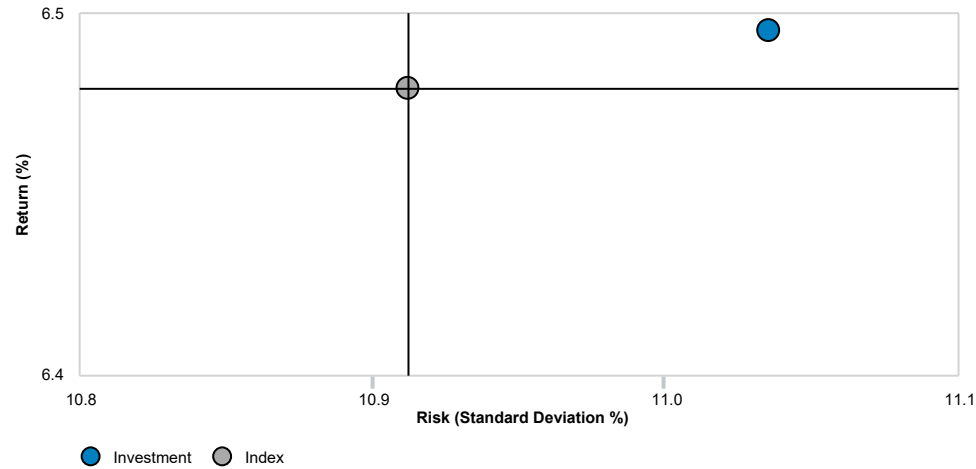
**Historical Statistics 3 Years**

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	6.50	11.04	0.49	99.04	7	98.27	5
Index	6.48	10.91	0.49	100.00	7	100.00	5

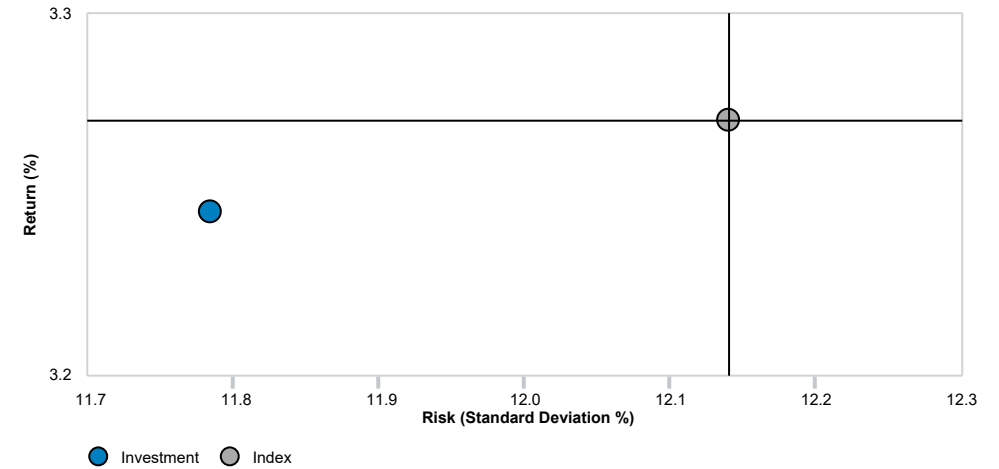
**Historical Statistics 5 Years**

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	3.25	11.78	0.25	95.85	11	95.21	9
Index	3.27	12.14	0.25	100.00	11	100.00	9

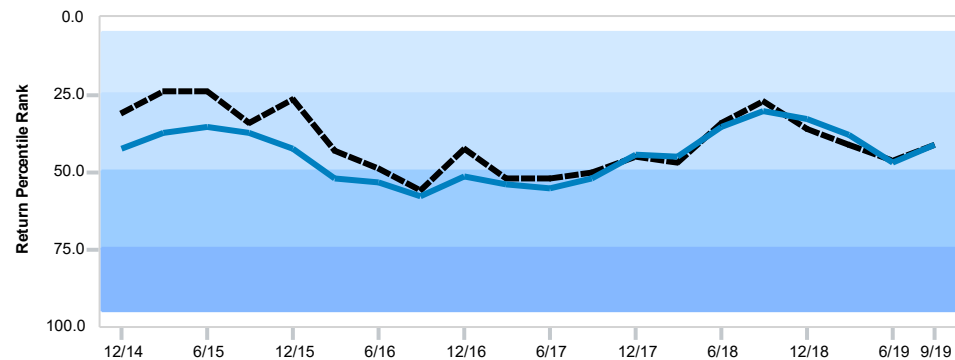
**Risk and Return 3 Years**



**Risk and Return 5 Years**

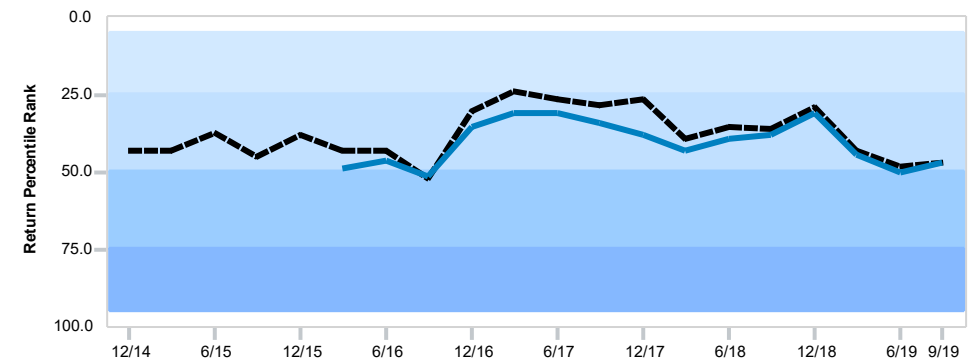


**3 Year Rolling Percentile Rank IM International Large Cap Equity (MF)**



	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	20	0 (0%)	13 (65%)	7 (35%)	0 (0%)
Index	20	2 (10%)	15 (75%)	3 (15%)	0 (0%)

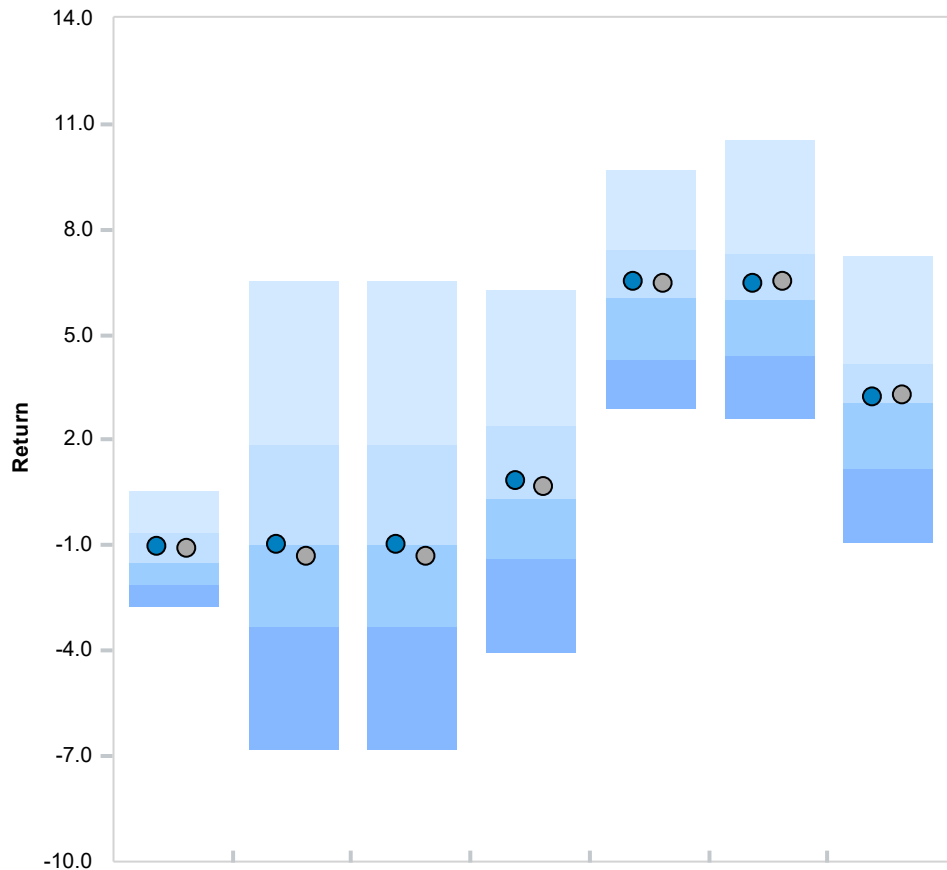
**5 Year Rolling Percentile Rank IM International Large Cap Equity (MF)**



	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	15	0 (0%)	14 (93%)	1 (7%)	0 (0%)
Index	20	1 (5%)	18 (90%)	1 (5%)	0 (0%)

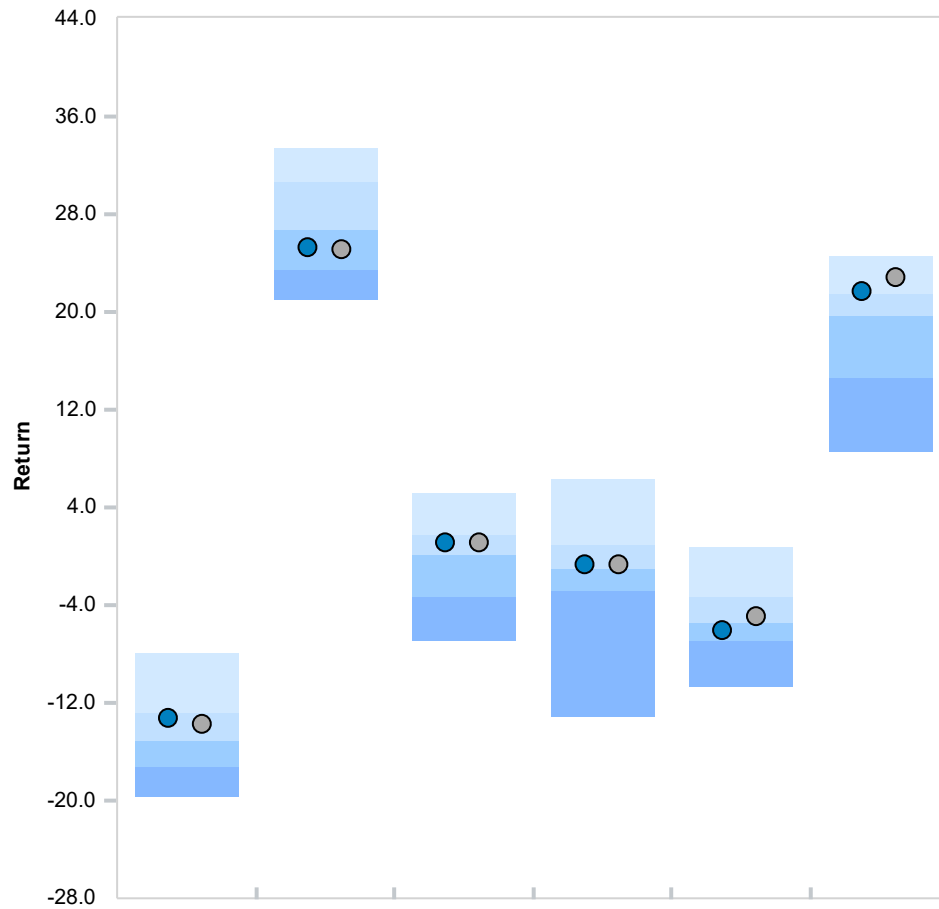


Peer Group Analysis - IM International Large Cap Equity (MF)



	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR
● Investment	-1.04 (35)	-0.98 (51)	-0.98 (51)	0.83 (43)	6.50 (41)	6.46 (40)	3.25 (47)
● Index	-1.07 (36)	-1.34 (53)	-1.34 (53)	0.68 (46)	6.48 (41)	6.49 (39)	3.27 (47)
Median	-1.51	-0.98	-0.98	0.35	6.08	6.02	3.05

Peer Group Analysis - IM International Large Cap Equity (MF)



	2018	2017	2016	2015	2014	2013
● Investment	-13.33 (30)	25.17 (59)	1.03 (34)	-0.81 (48)	-6.12 (65)	21.57 (24)
● Index	-13.79 (34)	25.03 (60)	1.00 (35)	-0.81 (48)	-4.90 (39)	22.78 (12)
Median	-15.18	26.76	0.06	-0.98	-5.55	19.68

Comparative Performance

	1 Qtr Ending Jun-2019	1 Qtr Ending Mar-2019	1 Qtr Ending Dec-2018	1 Qtr Ending Sep-2018	1 Qtr Ending Jun-2018	1 Qtr Ending Mar-2018
Investment	3.71 (58)	10.12 (75)	-12.38 (33)	1.42 (29)	-1.71 (42)	-0.78 (45)
Index	3.68 (58)	9.98 (76)	-12.54 (34)	1.35 (30)	-1.24 (27)	-1.53 (72)
Median	4.01	11.54	-13.31	0.44	-2.25	-0.98





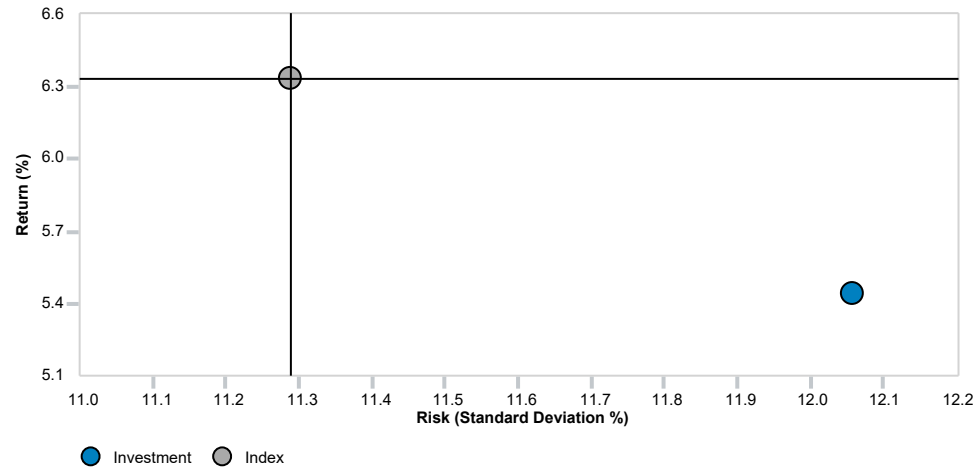
Historical Statistics 3 Years

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	5.44	12.06	0.37	99.17	7	104.55	5
Index	6.33	11.29	0.47	100.00	7	100.00	5

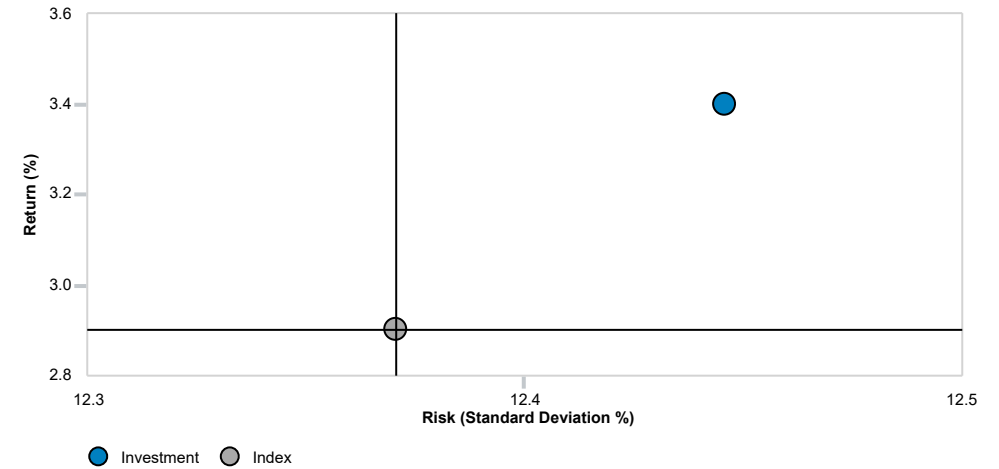
Historical Statistics 5 Years

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	3.40	12.45	0.25	98.90	11	95.44	9
Index	2.90	12.37	0.22	100.00	11	100.00	9

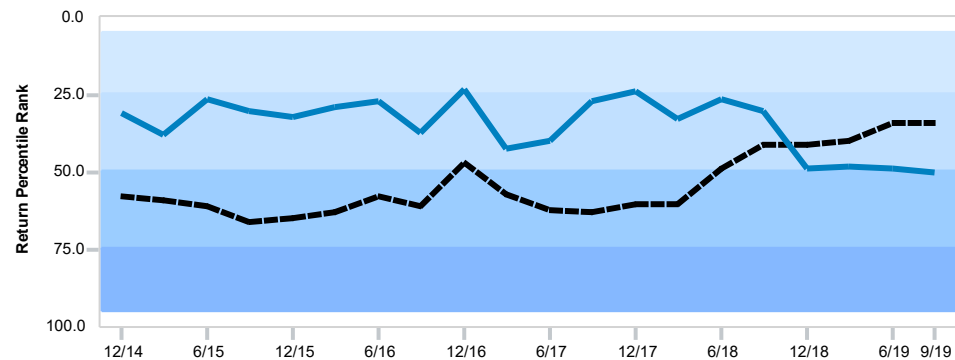
Risk and Return 3 Years



Risk and Return 5 Years

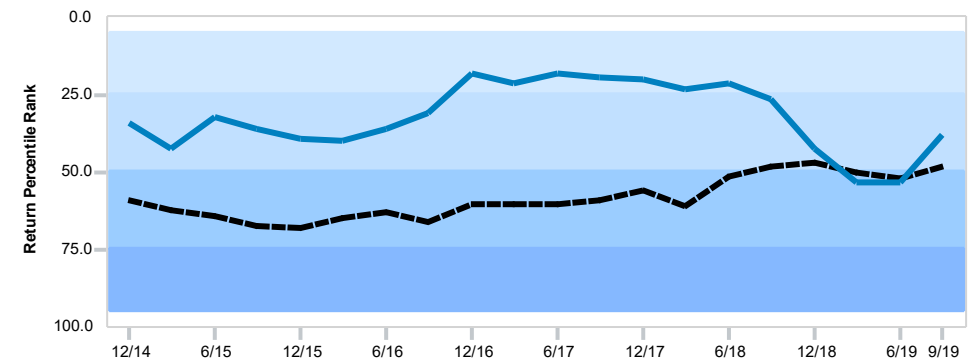


3 Year Rolling Percentile Rank IM International Equity (MF)



	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	20	2 (10%)	18 (90%)	0 (0%)	0 (0%)
Index	20	0 (0%)	7 (35%)	13 (65%)	0 (0%)

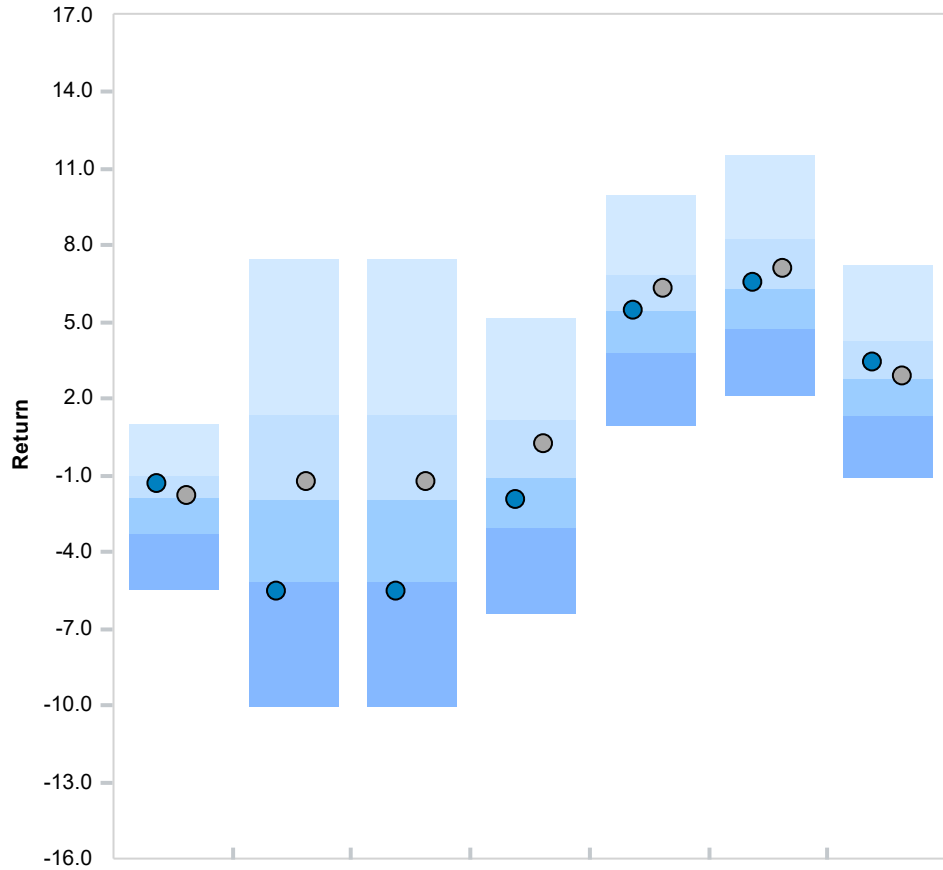
5 Year Rolling Percentile Rank IM International Equity (MF)



	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	20	7 (35%)	11 (55%)	2 (10%)	0 (0%)
Index	20	0 (0%)	4 (20%)	16 (80%)	0 (0%)

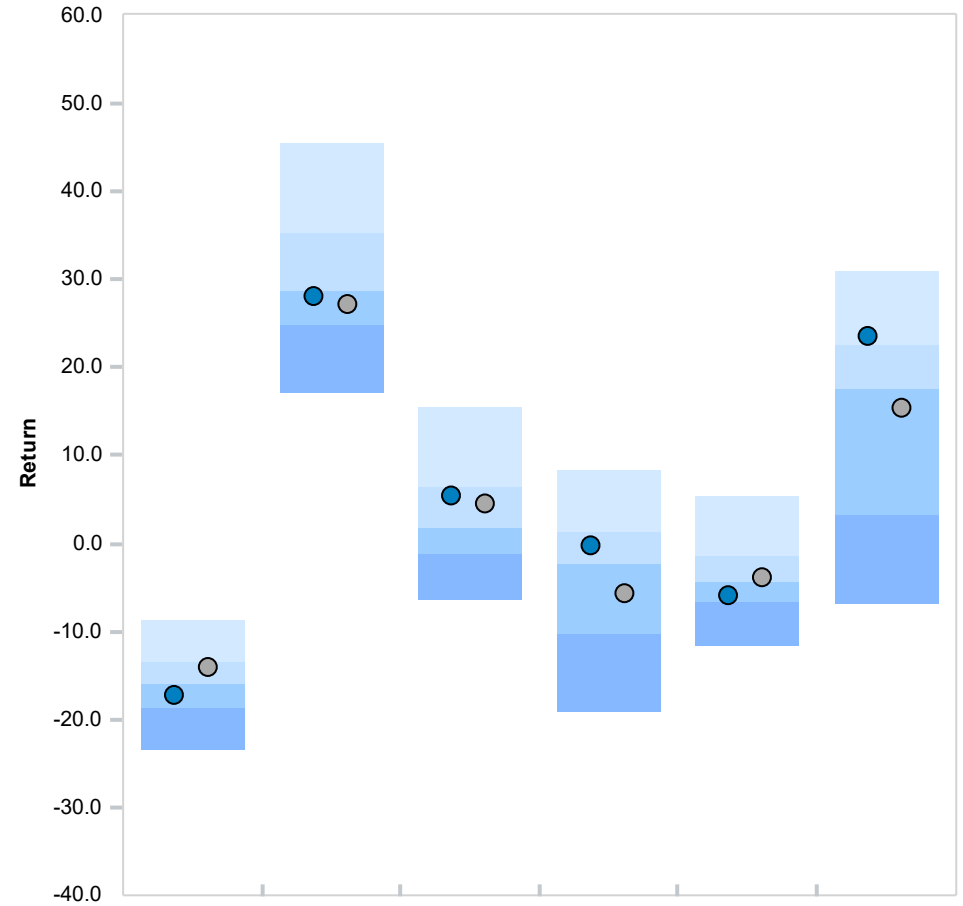


**Peer Group Analysis - IM International Equity (MF)**



	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR
● Investment	-1.35 (34)	-5.57 (79)	-5.57 (79)	-1.92 (60)	5.44 (50)	6.55 (47)	3.40 (38)
● Index	-1.80 (47)	-1.23 (44)	-1.23 (44)	0.26 (35)	6.33 (34)	7.06 (39)	2.90 (48)
Median	-1.90	-1.94	-1.94	-1.10	5.44	6.35	2.81

**Peer Group Analysis - IM International Equity (MF)**



	2018	2017	2016	2015	2014	2013
● Investment	-17.40 (64)	28.05 (55)	5.34 (30)	-0.21 (36)	-5.98 (66)	23.43 (21)
● Index	-14.20 (32)	27.19 (60)	4.50 (35)	-5.66 (62)	-3.87 (43)	15.29 (56)
Median	-16.02	28.78	1.79	-2.34	-4.47	17.53

**Comparative Performance**

	1 Qtr Ending Jun-2019	1 Qtr Ending Mar-2019	1 Qtr Ending Dec-2018	1 Qtr Ending Sep-2018	1 Qtr Ending Jun-2018	1 Qtr Ending Mar-2018
Investment	2.44 (53)	10.07 (60)	-15.11 (81)	0.25 (41)	-2.00 (32)	-0.96 (71)
Index	2.98 (43)	10.31 (54)	-11.46 (44)	0.71 (31)	-2.61 (41)	-1.18 (76)
Median	2.58	10.54	-12.22	-0.27	-3.33	-0.07



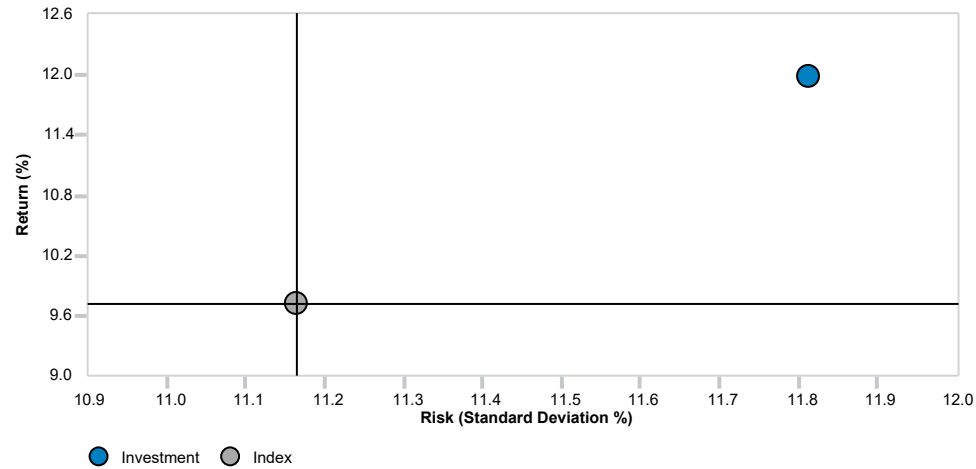
**Historical Statistics 3 Years**

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	11.99	11.81	0.89	106.73	9	92.59	3
Index	9.71	11.17	0.75	100.00	9	100.00	3

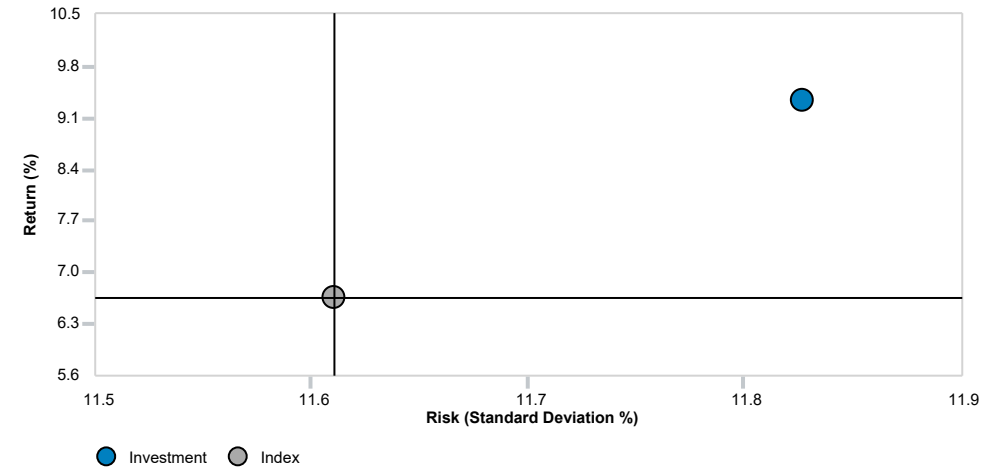
**Historical Statistics 5 Years**

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	9.33	11.83	0.74	106.44	15	89.07	5
Index	6.65	11.61	0.53	100.00	16	100.00	4

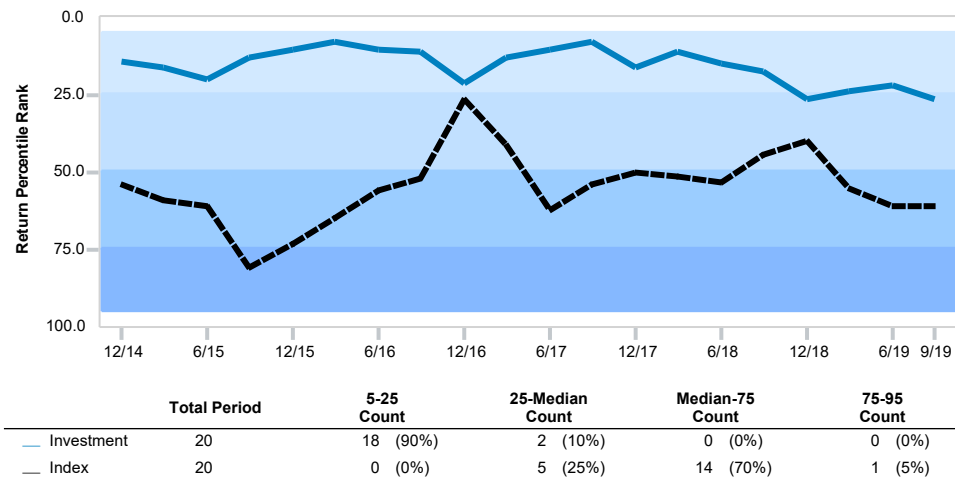
**Risk and Return 3 Years**



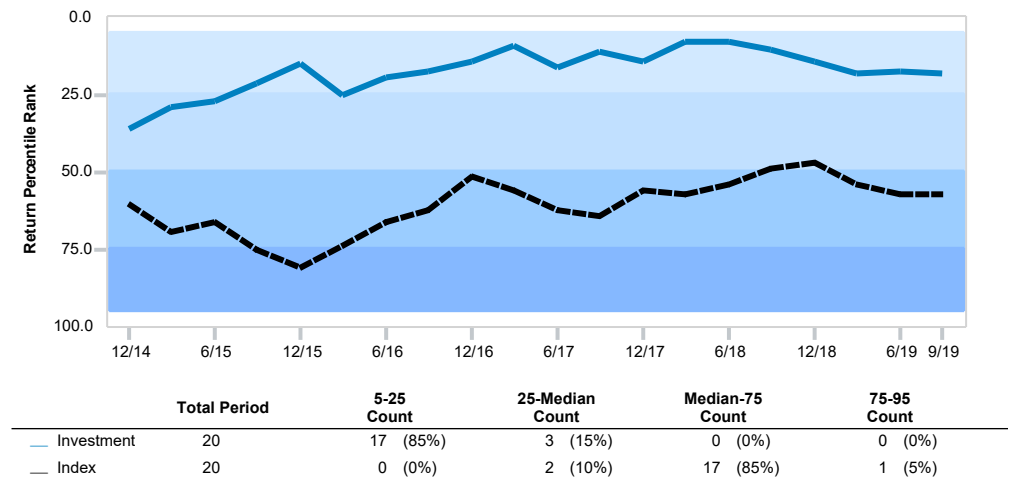
**Risk and Return 5 Years**



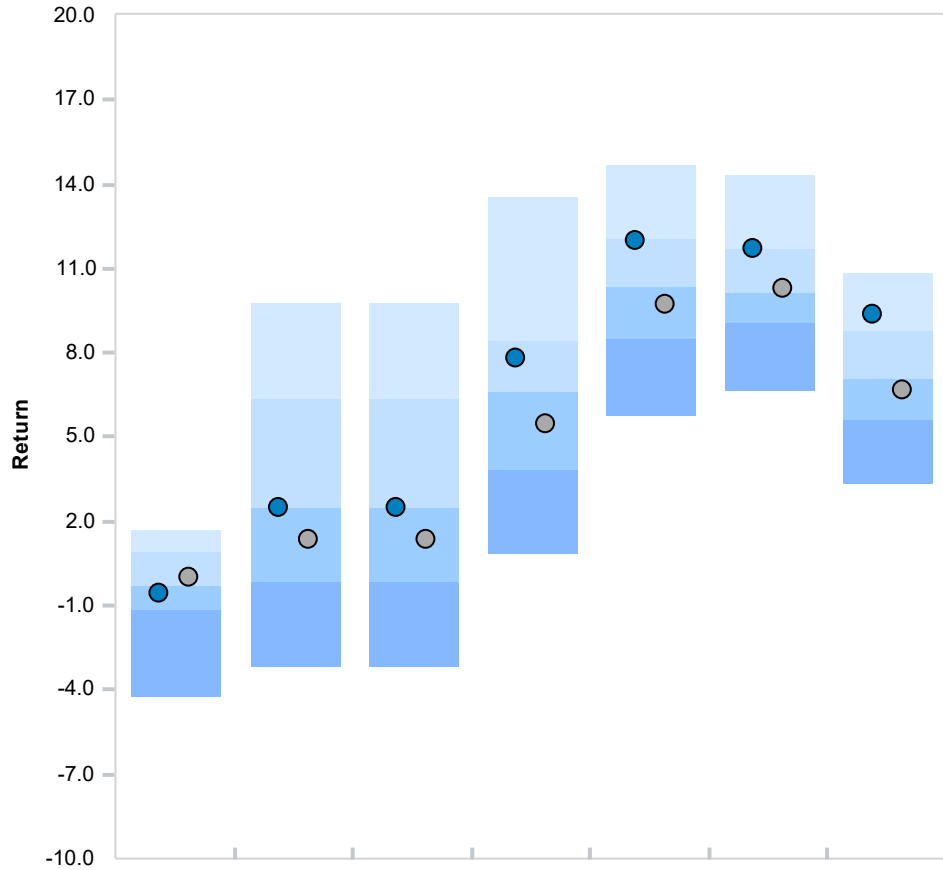
**3 Year Rolling Percentile Rank IM Global Large Cap Equity (MF)**



**5 Year Rolling Percentile Rank IM Global Large Cap Equity (MF)**

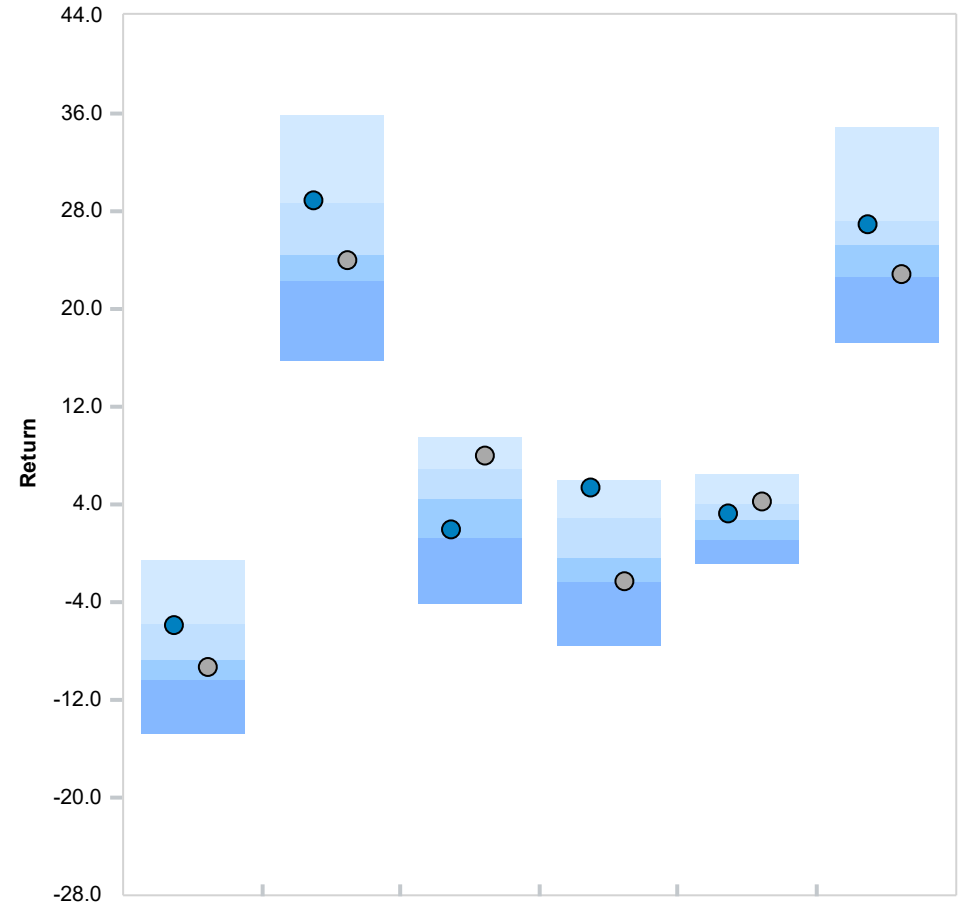


**Peer Group Analysis - IM Global Large Cap Equity (MF)**



	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR
● Investment	-0.54 (58)	2.50 (50)	2.50 (50)	7.83 (34)	11.99 (26)	11.70 (26)	9.33 (18)
● Index	-0.03 (47)	1.38 (63)	1.38 (63)	5.49 (60)	9.71 (61)	10.27 (49)	6.65 (57)
Median	-0.28	2.47	2.47	6.60	10.36	10.17	7.09

**Peer Group Analysis - IM Global Large Cap Equity (MF)**



	2018	2017	2016	2015	2014	2013
● Investment	-5.90 (27)	28.82 (24)	1.83 (71)	5.30 (9)	3.18 (43)	26.79 (30)
● Index	-9.42 (60)	23.97 (58)	7.86 (12)	-2.36 (73)	4.16 (24)	22.80 (74)
Median	-8.75	24.47	4.43	-0.42	2.73	25.26

**Comparative Performance**

	1 Qtr Ending Jun-2019	1 Qtr Ending Mar-2019	1 Qtr Ending Dec-2018	1 Qtr Ending Sep-2018	1 Qtr Ending Jun-2018	1 Qtr Ending Mar-2018
Investment	4.28 (45)	13.90 (42)	-13.23 (57)	3.85 (52)	2.30 (27)	2.09 (20)
Index	3.61 (68)	12.18 (72)	-12.75 (53)	4.28 (44)	0.53 (64)	-0.96 (67)
Median	4.10	13.26	-12.53	3.88	1.30	0.00



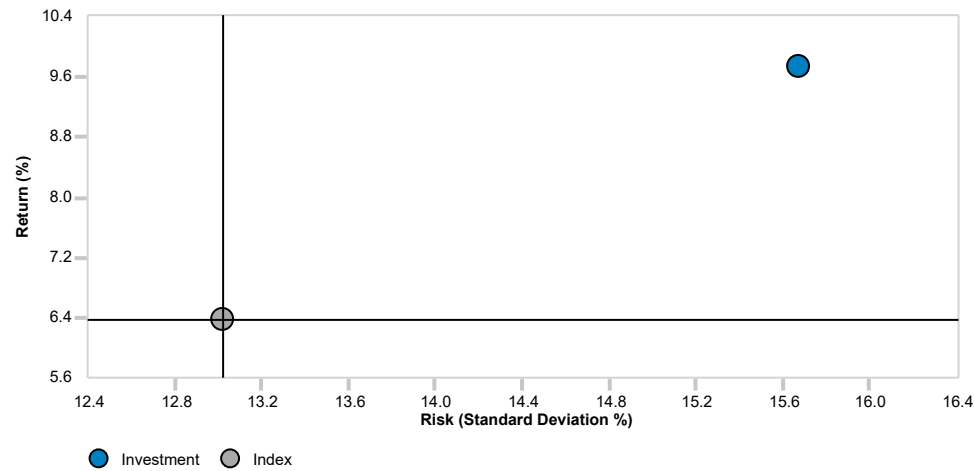
**Historical Statistics 3 Years**

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	9.74	15.67	0.58	128.98	7	110.77	5
Index	6.37	13.03	0.42	100.00	7	100.00	5

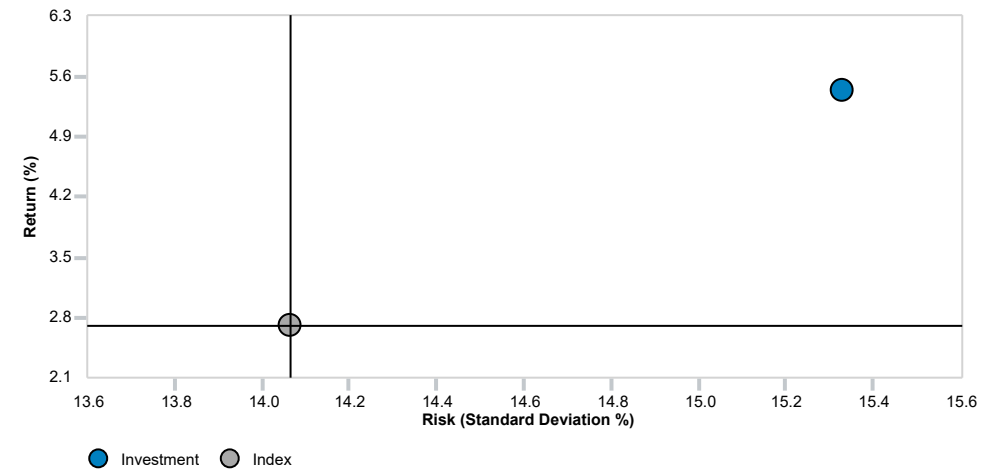
**Historical Statistics 5 Years**

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	5.45	15.33	0.36	119.80	12	97.52	8
Index	2.71	14.07	0.19	100.00	13	100.00	7

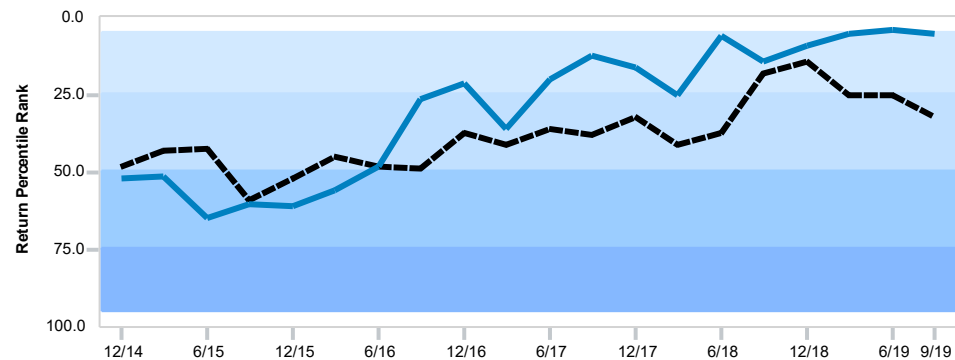
**Risk and Return 3 Years**



**Risk and Return 5 Years**

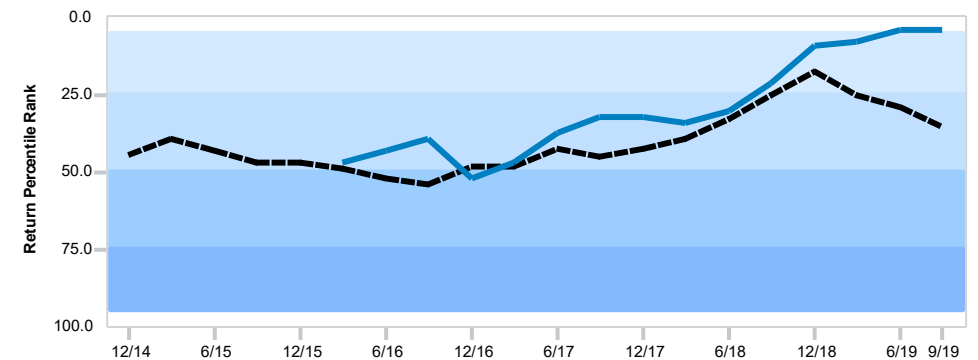


**3 Year Rolling Percentile Rank IM Emerging Markets Equity (MF)**



	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	20	11 (55%)	3 (15%)	6 (30%)	0 (0%)
Index	20	4 (20%)	14 (70%)	2 (10%)	0 (0%)

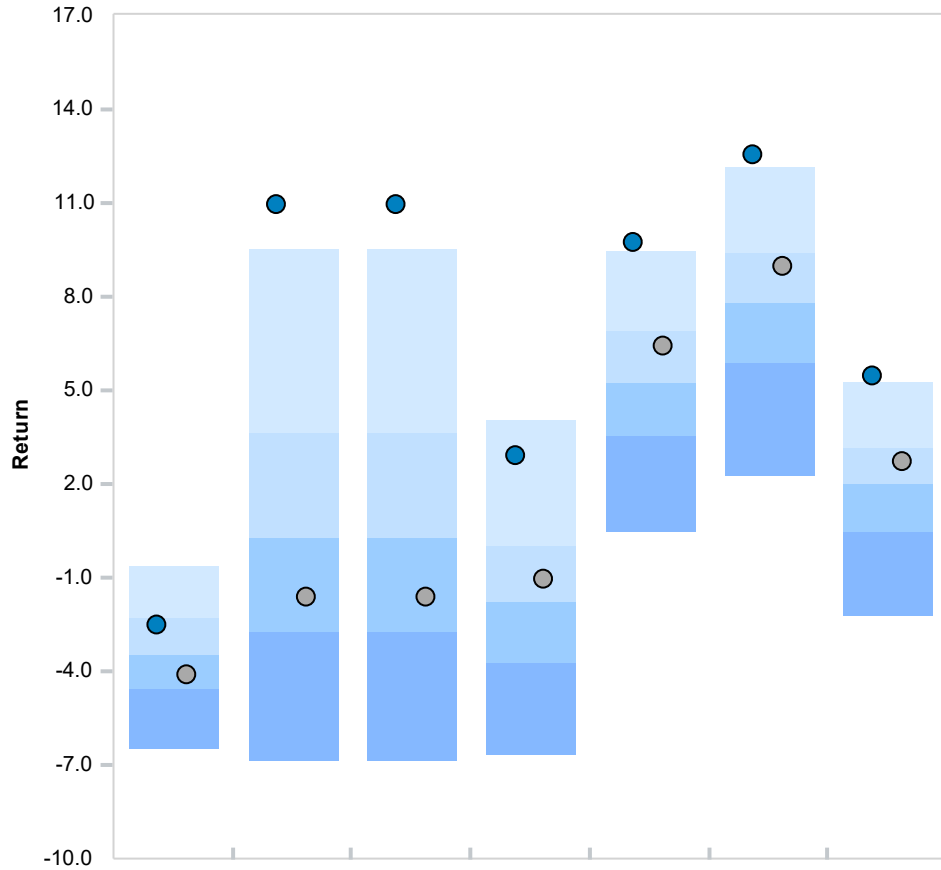
**5 Year Rolling Percentile Rank IM Emerging Markets Equity (MF)**



	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	15	5 (33%)	9 (60%)	1 (7%)	0 (0%)
Index	20	3 (15%)	15 (75%)	2 (10%)	0 (0%)

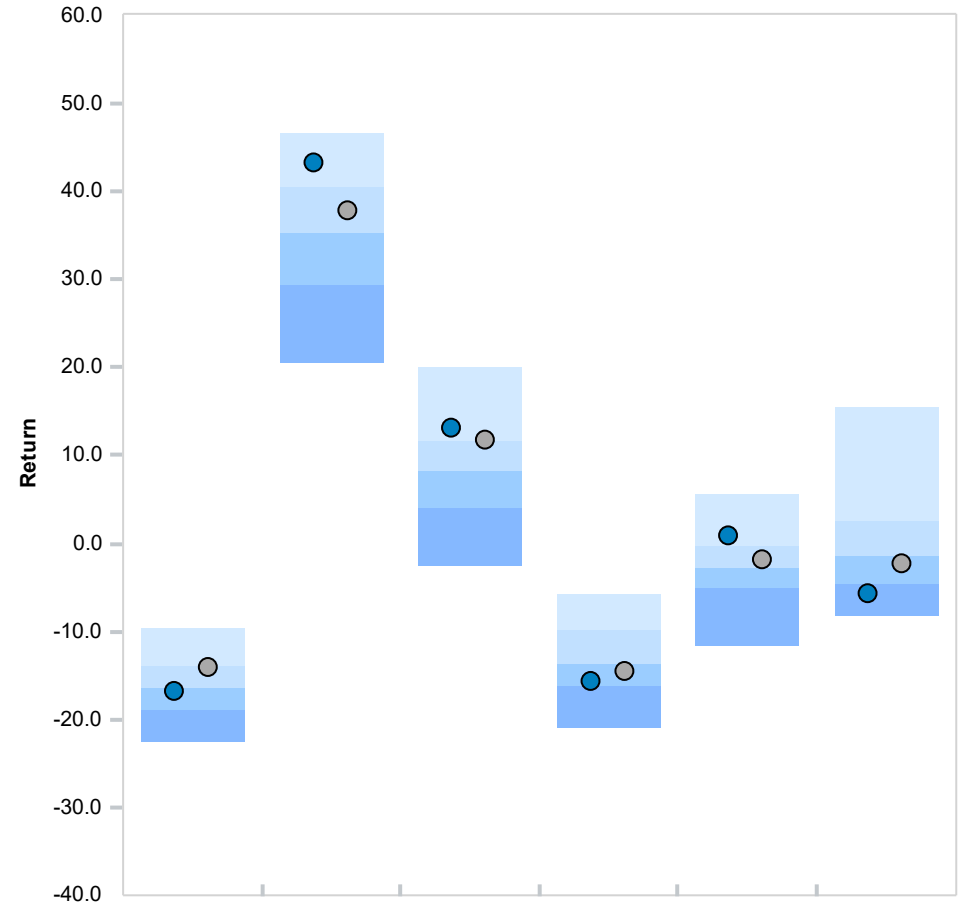


**Peer Group Analysis - IM Emerging Markets Equity (MF)**



	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR
● Investment	-2.56 (31)	10.94 (3)	10.94 (3)	2.87 (10)	9.74 (5)	12.54 (4)	5.45 (4)
● Index	-4.11 (65)	-1.63 (66)	-1.63 (66)	-1.04 (40)	6.37 (32)	8.98 (32)	2.71 (35)
Median	-3.48	0.29	0.29	-1.79	5.24	7.84	2.03

**Peer Group Analysis - IM Emerging Markets Equity (MF)**



	2018	2017	2016	2015	2014	2013
● Investment	-16.76 (55)	43.19 (12)	13.03 (18)	-15.76 (70)	0.80 (18)	-5.73 (84)
● Index	-14.25 (28)	37.75 (37)	11.60 (27)	-14.60 (61)	-1.82 (40)	-2.27 (56)
Median	-16.40	35.37	8.35	-13.66	-2.92	-1.42

**Comparative Performance**

	1 Qtr Ending Jun-2019	1 Qtr Ending Mar-2019	1 Qtr Ending Dec-2018	1 Qtr Ending Sep-2018	1 Qtr Ending Jun-2018	1 Qtr Ending Mar-2018
Investment	4.62 (8)	16.21 (4)	-6.35 (34)	-3.60 (63)	-8.10 (32)	0.33 (83)
Index	0.74 (72)	9.97 (59)	-7.40 (46)	-0.95 (23)	-7.86 (31)	1.47 (61)
Median	1.60	10.38	-7.62	-2.45	-9.05	1.97



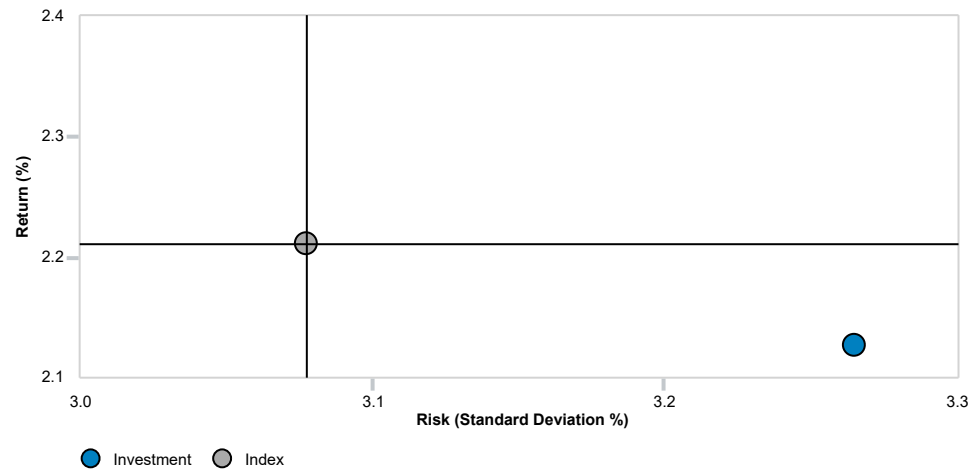
Historical Statistics 3 Years

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	2.13	3.27	0.20	104.29	7	115.01	5
Index	2.21	3.08	0.25	100.00	7	100.00	5

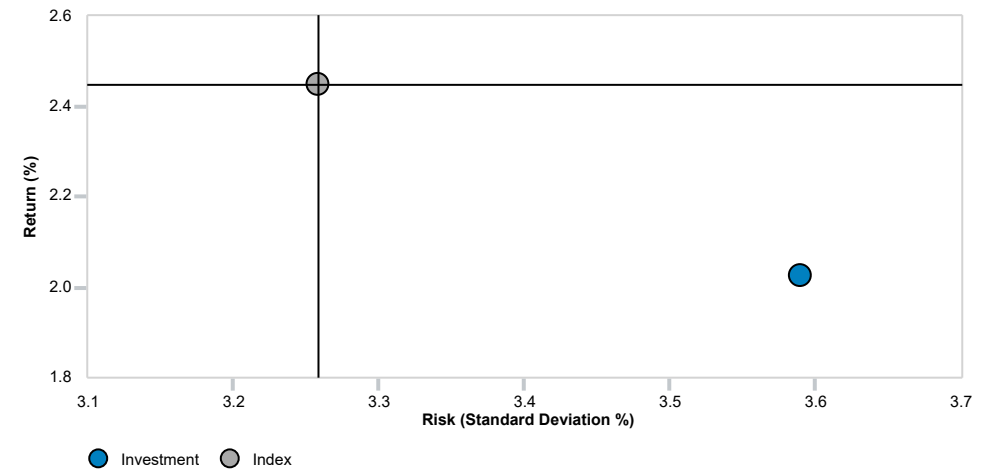
Historical Statistics 5 Years

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	2.02	3.59	0.32	105.73	11	141.39	9
Index	2.45	3.26	0.48	100.00	11	100.00	9

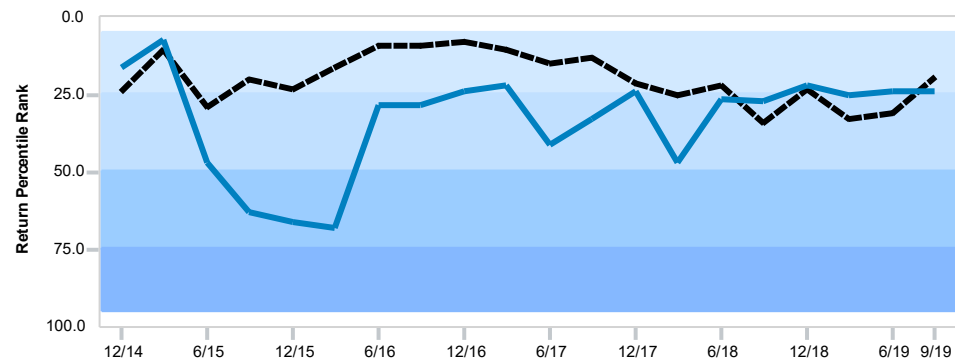
Risk and Return 3 Years



Risk and Return 5 Years

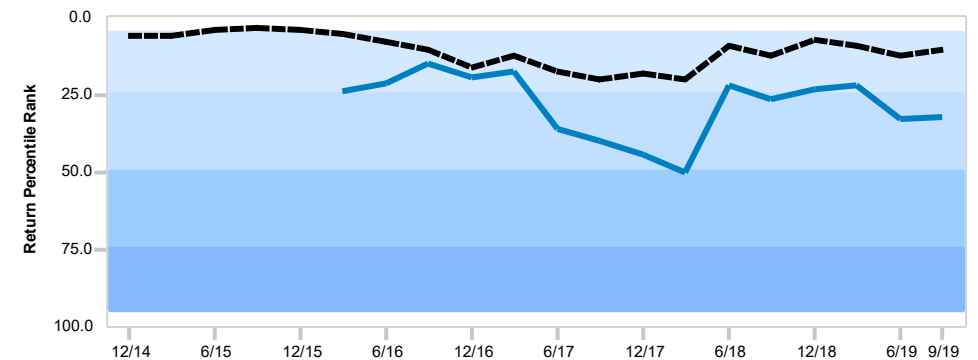


3 Year Rolling Percentile Rank IM U.S. TIPS (MF)



	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	20	9 (45%)	8 (40%)	3 (15%)	0 (0%)
Index	20	16 (80%)	4 (20%)	0 (0%)	0 (0%)

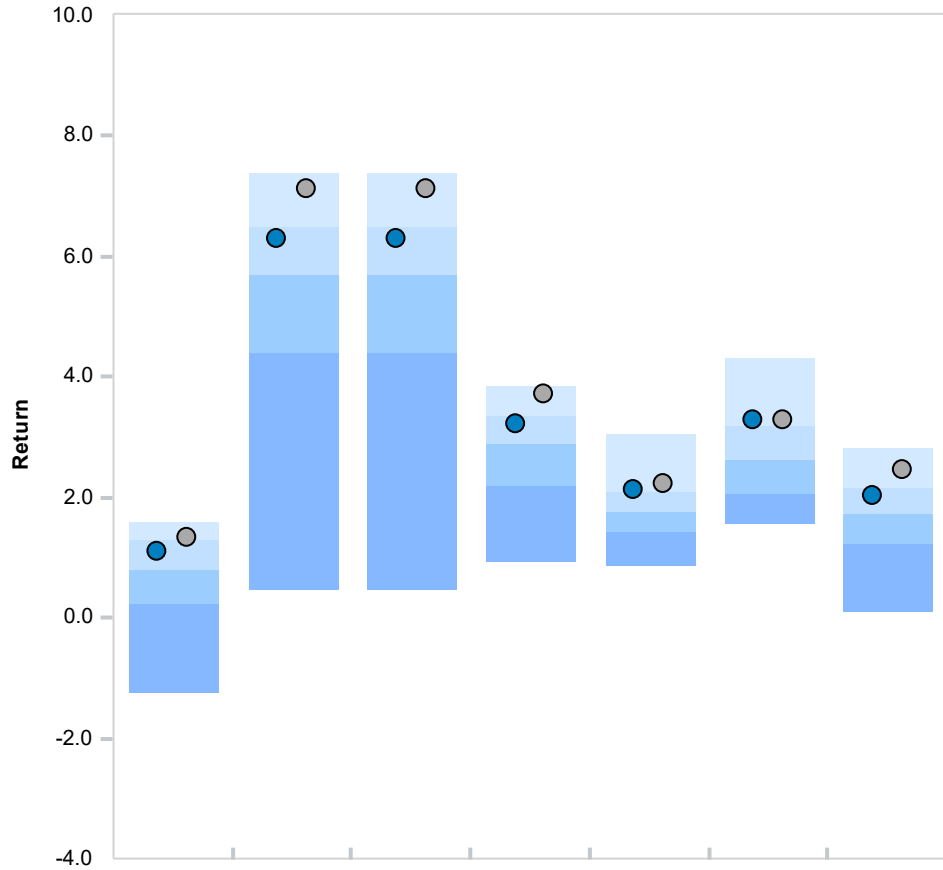
5 Year Rolling Percentile Rank IM U.S. TIPS (MF)



	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	15	8 (53%)	7 (47%)	0 (0%)	0 (0%)
Index	20	20 (100%)	0 (0%)	0 (0%)	0 (0%)

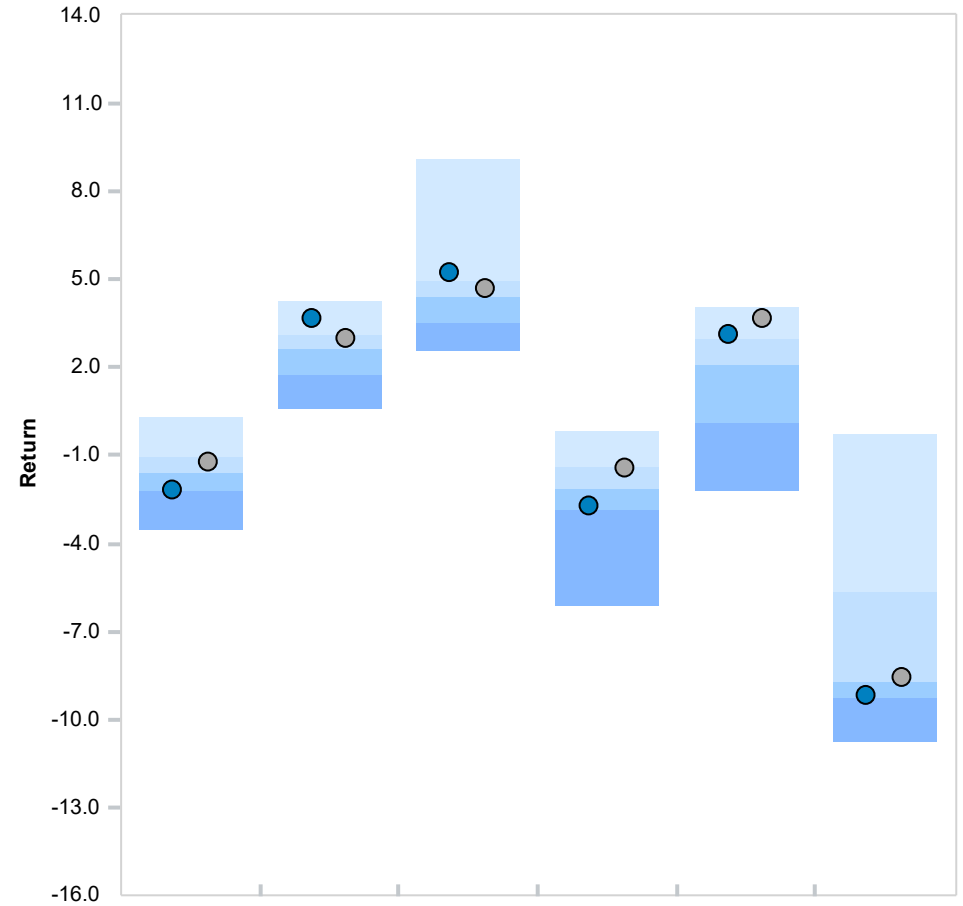


Peer Group Analysis - IM U.S. TIPS (MF)



	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR
● Investment	1.10 (41)	6.30 (31)	6.30 (31)	3.21 (32)	2.13 (24)	3.27 (21)	2.02 (32)
● Index	1.35 (19)	7.13 (9)	7.13 (9)	3.71 (9)	2.21 (19)	3.29 (19)	2.45 (10)
Median	0.80	5.71	5.71	2.88	1.76	2.62	1.73

Peer Group Analysis - IM U.S. TIPS (MF)



	2018	2017	2016	2015	2014	2013
● Investment	-2.21 (76)	3.66 (13)	5.20 (20)	-2.71 (72)	3.10 (23)	-9.21 (73)
● Index	-1.26 (35)	3.01 (30)	4.68 (37)	-1.44 (27)	3.64 (8)	-8.61 (45)
Median	-1.59	2.62	4.39	-2.13	2.10	-8.70

Comparative Performance

	1 Qtr Ending Jun-2019	1 Qtr Ending Mar-2019	1 Qtr Ending Dec-2018	1 Qtr Ending Sep-2018	1 Qtr Ending Jun-2018	1 Qtr Ending Mar-2018
Investment	2.68 (30)	3.57 (19)	-1.13 (73)	-0.74 (52)	0.65 (48)	-1.00 (78)
Index	2.86 (11)	3.19 (44)	-0.42 (24)	-0.82 (60)	0.77 (27)	-0.79 (54)
Median	2.50	3.16	-0.84	-0.72	0.63	-0.75





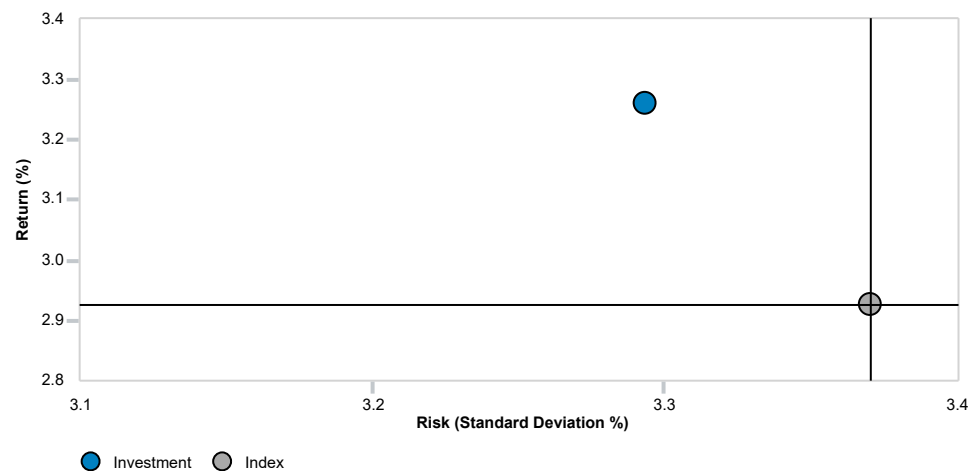
Historical Statistics 3 Years

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	3.26	3.29	0.57	103.23	9	88.15	3
Index	2.92	3.37	0.45	100.00	9	100.00	3

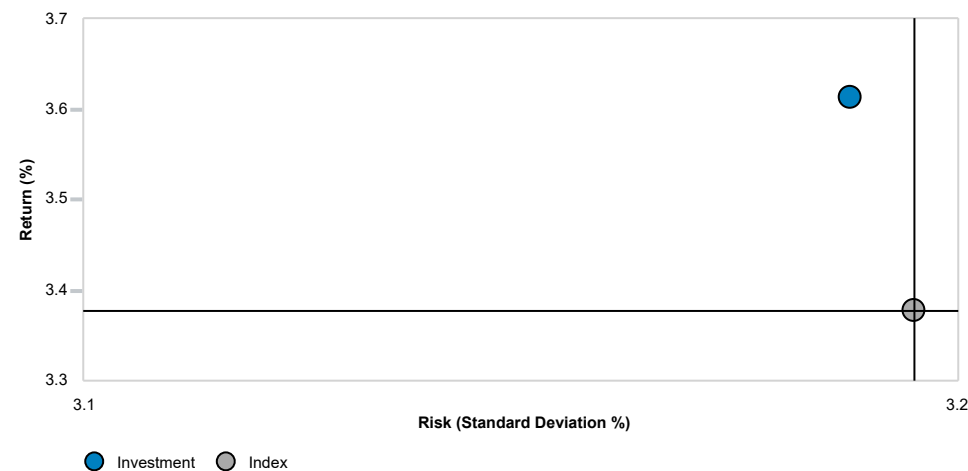
Historical Statistics 5 Years

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	3.61	3.19	0.86	100.75	14	85.87	6
Index	3.38	3.20	0.79	100.00	15	100.00	5

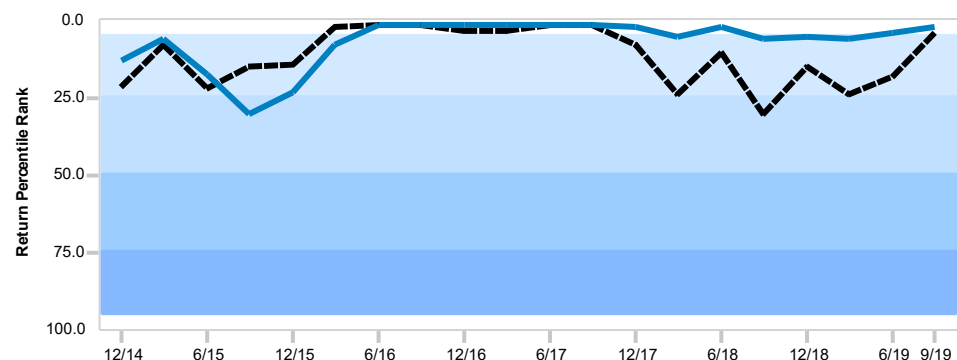
Risk and Return 3 Years



Risk and Return 5 Years

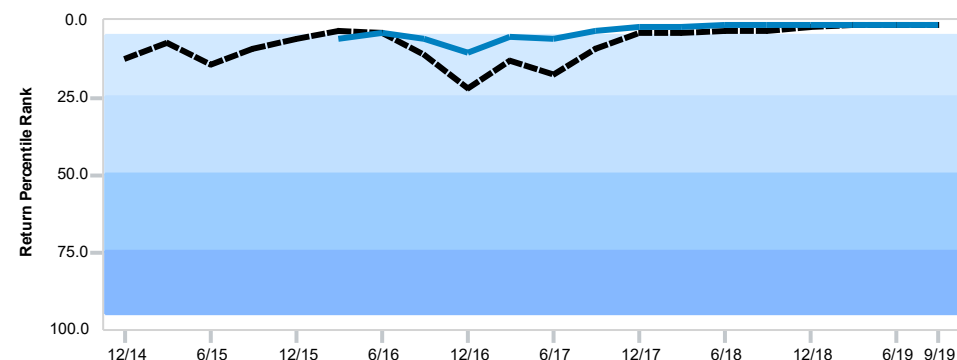


3 Year Rolling Percentile Rank IM U.S. Intermediate Duration Fixed Income (MF)



	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	20	19 (95%)	1 (5%)	0 (0%)	0 (0%)
Index	20	19 (95%)	1 (5%)	0 (0%)	0 (0%)

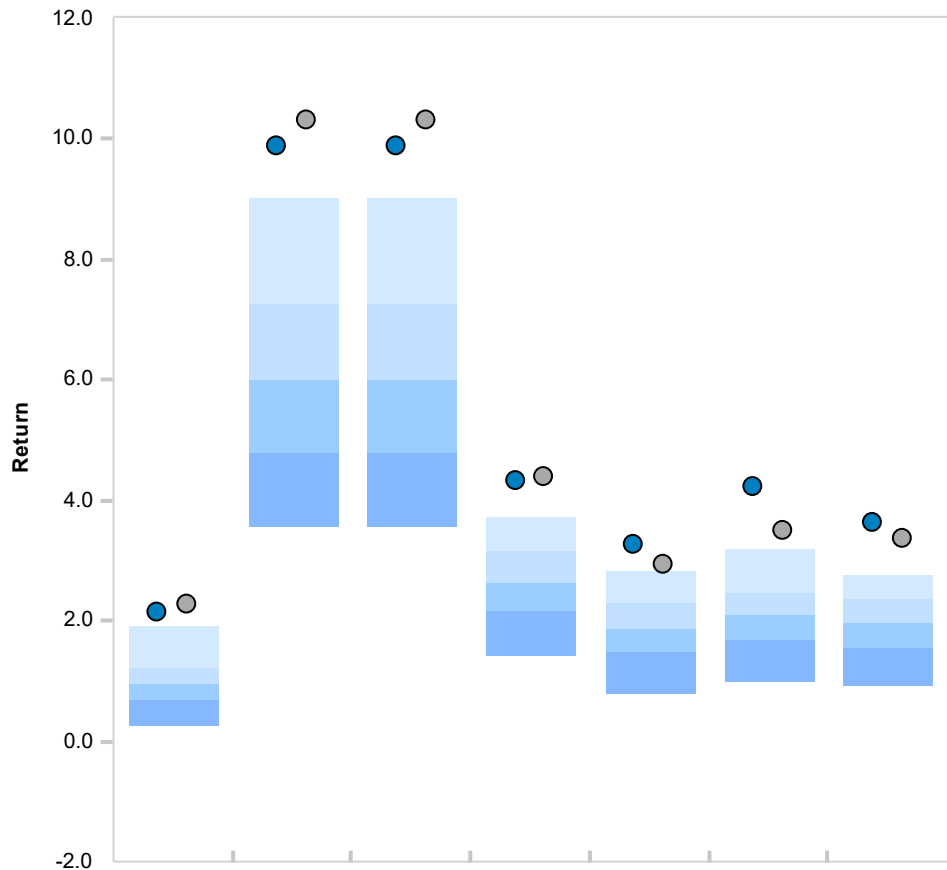
5 Year Rolling Percentile Rank IM U.S. Intermediate Duration Fixed Income (MF)



	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	15	15 (100%)	0 (0%)	0 (0%)	0 (0%)
Index	20	20 (100%)	0 (0%)	0 (0%)	0 (0%)

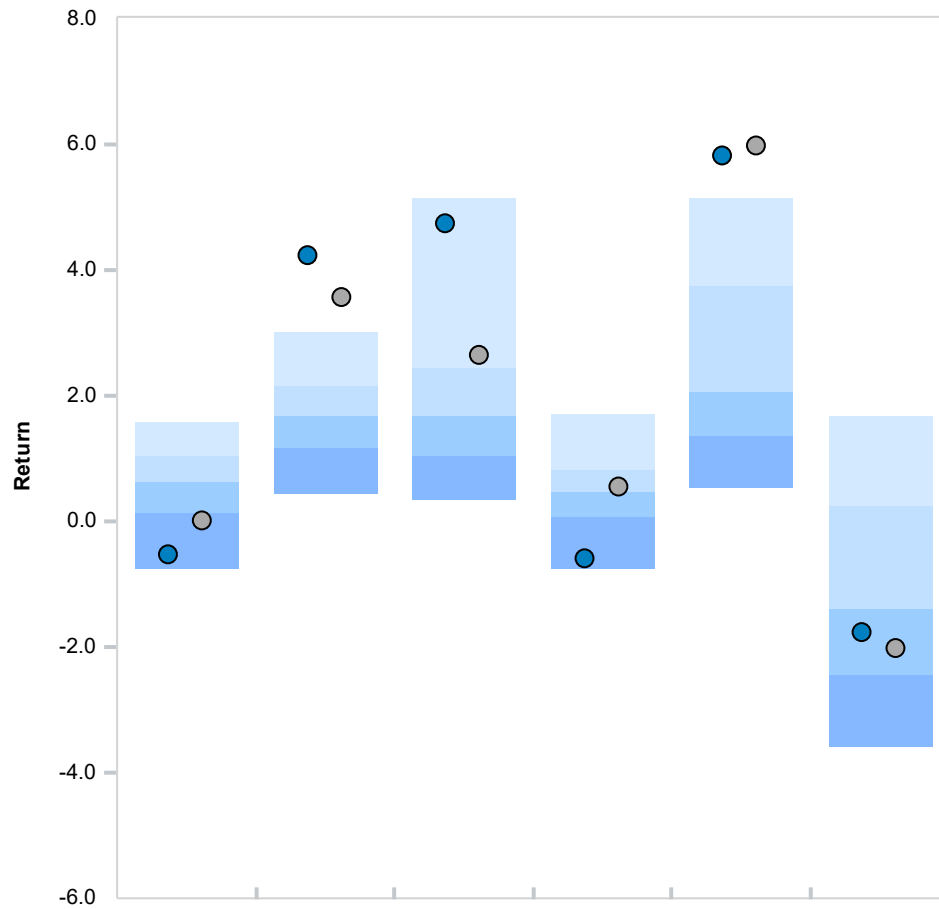


Peer Group Analysis - IM U.S. Intermediate Duration Fixed Income (MF)



	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR
● Investment	2.13 (3)	9.89 (3)	9.89 (3)	4.33 (1)	3.26 (2)	4.22 (1)	3.61 (1)
● Index	2.27 (1)	10.30 (1)	10.30 (1)	4.38 (1)	2.92 (4)	3.49 (3)	3.38 (1)
Median	0.93	5.99	5.99	2.63	1.89	2.10	1.98

Peer Group Analysis - IM U.S. Intermediate Duration Fixed Income (MF)



	2018	2017	2016	2015	2014	2013
● Investment	-0.53 (94)	4.22 (1)	4.74 (7)	-0.59 (93)	5.82 (1)	-1.78 (59)
● Index	0.01 (82)	3.54 (4)	2.65 (21)	0.55 (46)	5.97 (1)	-2.02 (67)
Median	0.64	1.68	1.69	0.48	2.07	-1.39

Comparative Performance

	1 Qtr Ending Jun-2019	1 Qtr Ending Mar-2019	1 Qtr Ending Dec-2018	1 Qtr Ending Sep-2018	1 Qtr Ending Jun-2018	1 Qtr Ending Mar-2018
Investment	2.99 (1)	3.61 (1)	0.83 (62)	0.16 (54)	-0.08 (83)	-1.43 (98)
Index	3.08 (1)	2.94 (2)	1.64 (28)	0.02 (68)	-0.16 (90)	-1.46 (99)
Median	1.89	1.95	1.11	0.20	0.10	-0.80



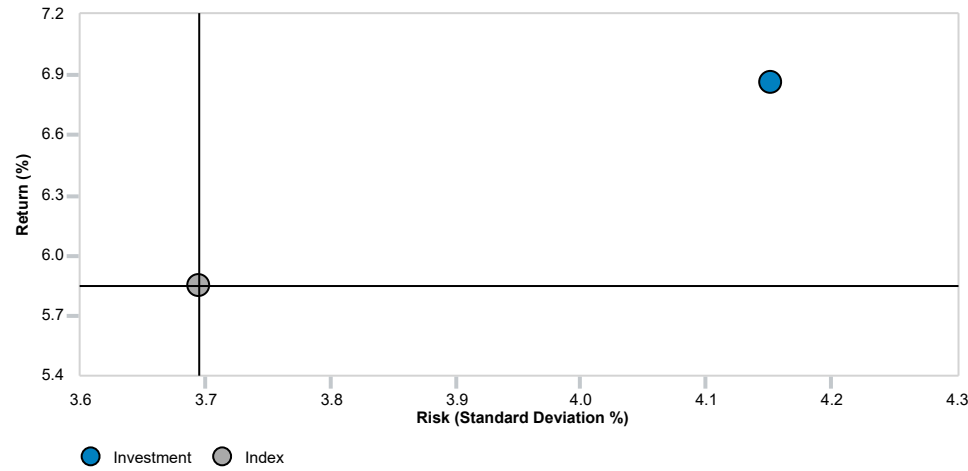
**Historical Statistics 3 Years**

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	6.86	4.15	1.26	116.27	10	114.74	2
Index	5.85	3.70	1.16	100.00	9	100.00	3

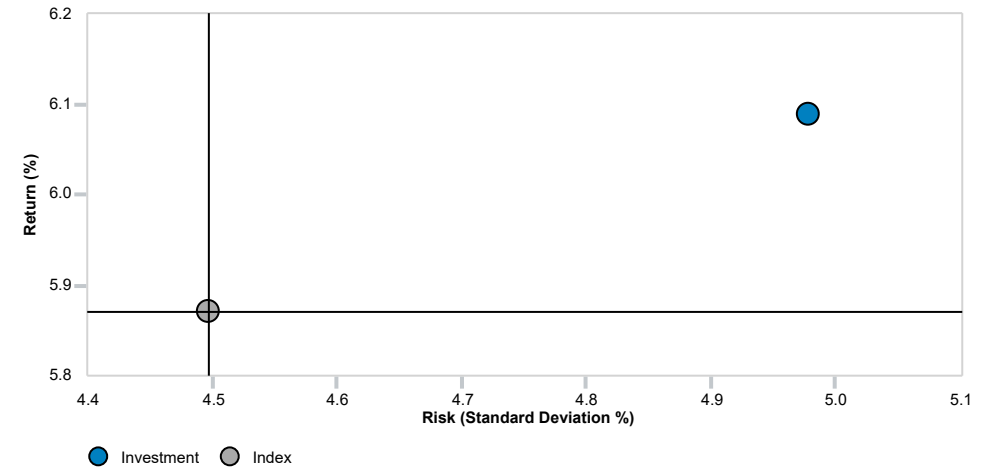
**Historical Statistics 5 Years**

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	6.09	4.98	1.03	107.37	15	113.05	5
Index	5.87	4.50	1.08	100.00	14	100.00	6

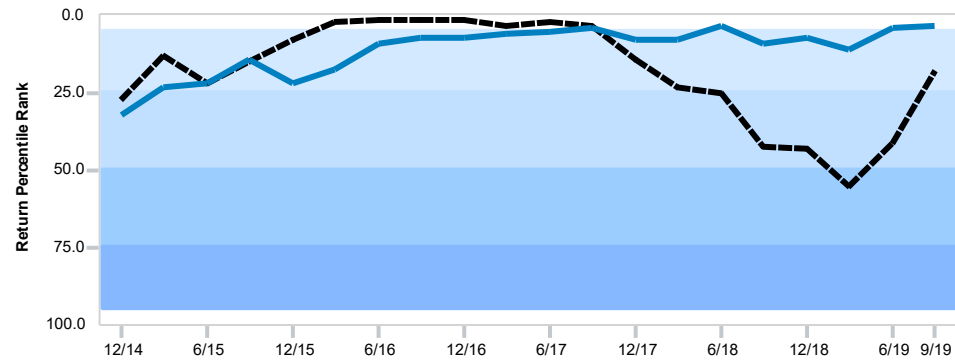
**Risk and Return 3 Years**



**Risk and Return 5 Years**

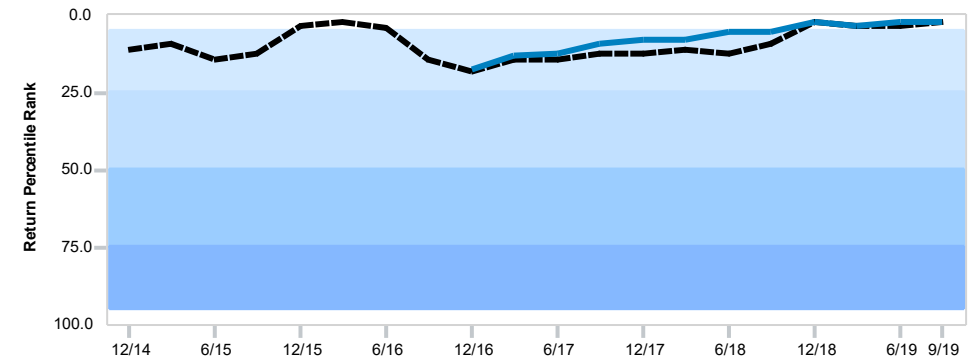


**3 Year Rolling Percentile Rank IM U.S. High Yield Bonds (MF)**



	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	20	19 (95%)	1 (5%)	0 (0%)	0 (0%)
Index	20	15 (75%)	4 (20%)	1 (5%)	0 (0%)

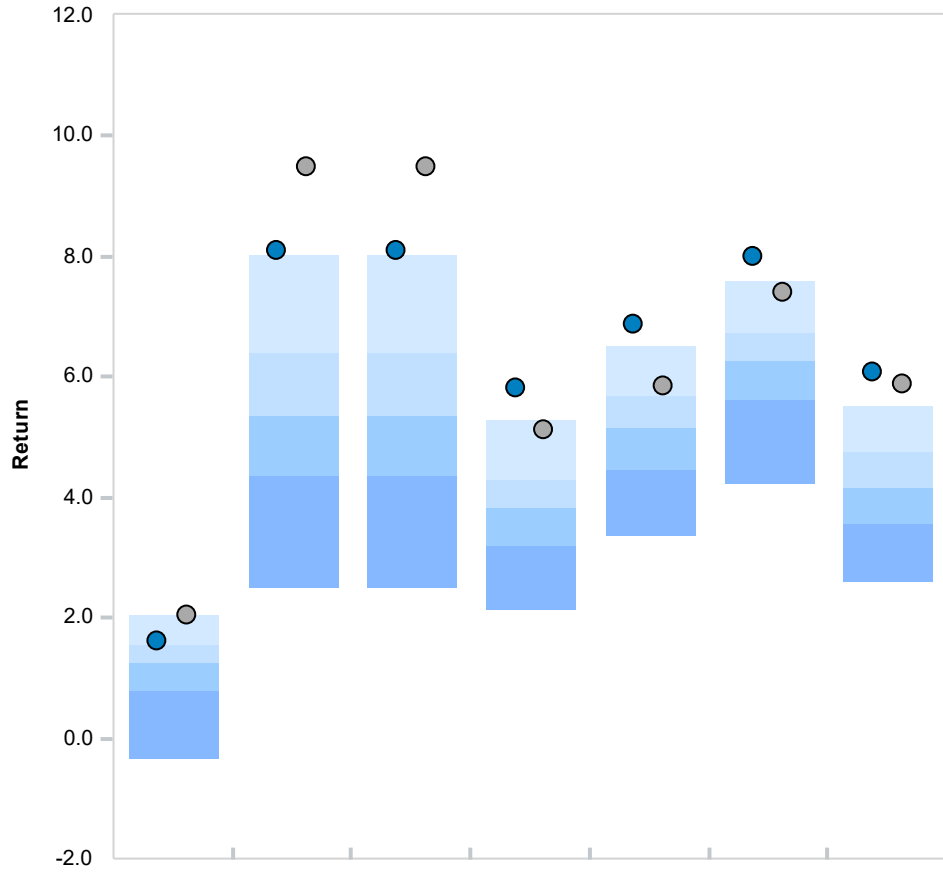
**5 Year Rolling Percentile Rank IM U.S. High Yield Bonds (MF)**



	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	12	12 (100%)	0 (0%)	0 (0%)	0 (0%)
Index	20	20 (100%)	0 (0%)	0 (0%)	0 (0%)

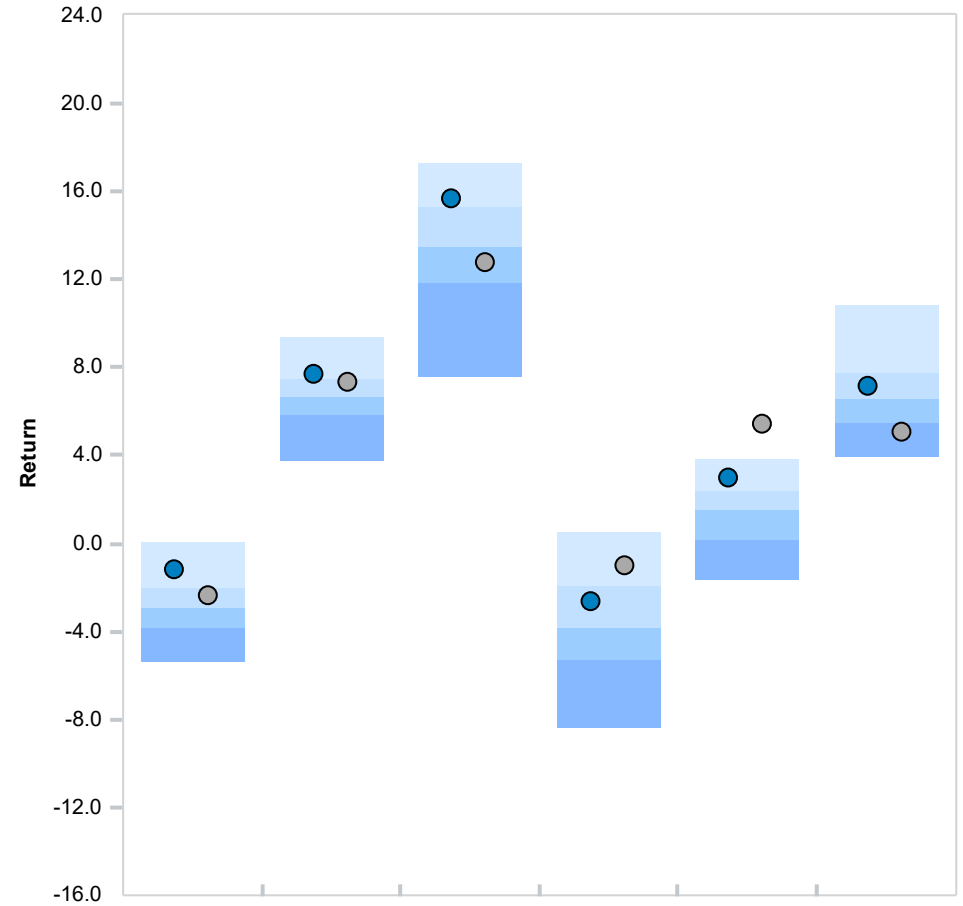


**Peer Group Analysis - IM U.S. High Yield Bonds (MF)**



	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR
● Investment	1.61 (20)	8.11 (4)	8.11 (4)	5.82 (2)	6.86 (3)	7.99 (3)	6.09 (2)
● Index	2.03 (6)	9.48 (1)	9.48 (1)	5.10 (7)	5.85 (18)	7.38 (8)	5.87 (2)
Median	1.24	5.34	5.34	3.82	5.16	6.28	4.15

**Peer Group Analysis - IM U.S. High Yield Bonds (MF)**



	2018	2017	2016	2015	2014	2013
● Investment	-1.18 (15)	7.70 (20)	15.61 (21)	-2.68 (35)	2.95 (16)	7.15 (36)
● Index	-2.41 (34)	7.32 (28)	12.78 (64)	-1.00 (13)	5.37 (1)	5.05 (86)
Median	-2.91	6.65	13.49	-3.85	1.49	6.61

**Comparative Performance**

	1 Qtr Ending Jun-2019	1 Qtr Ending Mar-2019	1 Qtr Ending Dec-2018	1 Qtr Ending Sep-2018	1 Qtr Ending Jun-2018	1 Qtr Ending Mar-2018
Investment	3.52 (4)	7.21 (33)	-4.14 (29)	2.34 (29)	1.21 (12)	-0.48 (26)
Index	3.08 (11)	7.21 (33)	-2.91 (14)	2.32 (30)	-0.17 (88)	-1.60 (91)
Median	2.40	6.86	-4.76	2.11	0.62	-0.93



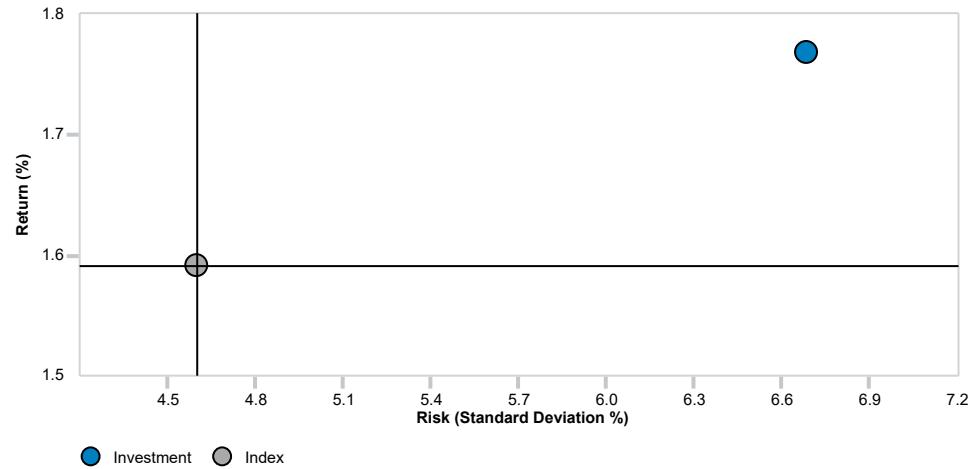
Historical Statistics 3 Years

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	1.77	6.69	0.07	75.80	7	63.13	5
Index	1.59	4.60	0.04	100.00	9	100.00	3

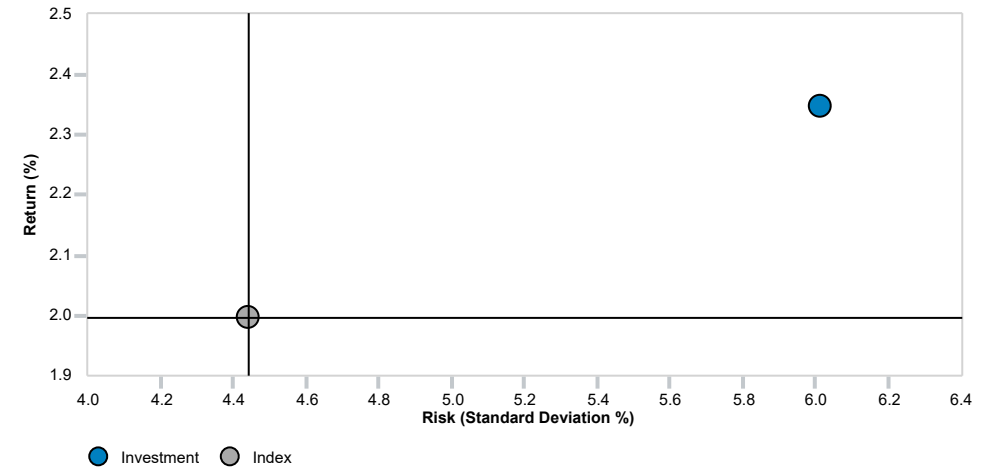
Historical Statistics 5 Years

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	2.35	6.02	0.26	74.38	11	55.40	9
Index	2.00	4.44	0.25	100.00	13	100.00	7

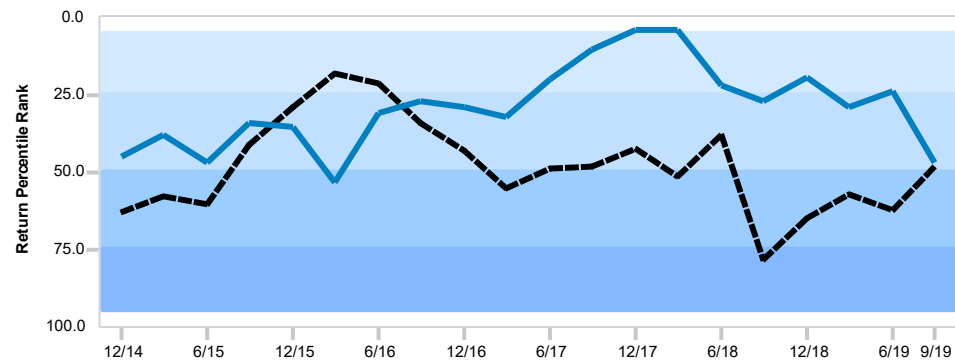
Risk and Return 3 Years



Risk and Return 5 Years

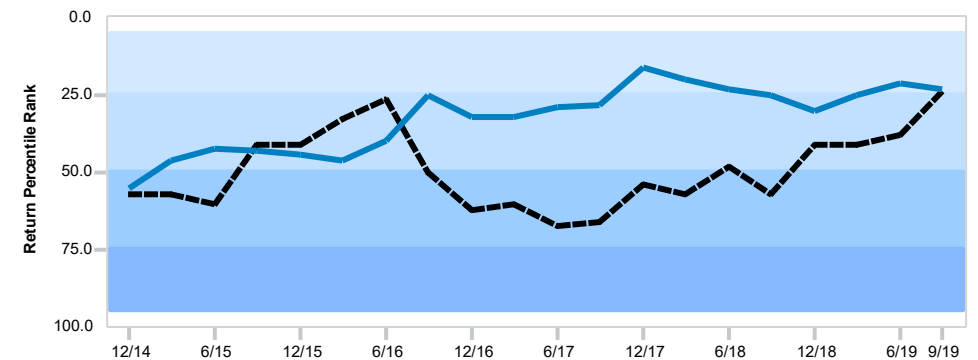


3 Year Rolling Percentile Rank IM International Fixed Income (MF)



	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	20	7 (35%)	12 (60%)	1 (5%)	0 (0%)
Index	20	2 (10%)	9 (45%)	8 (40%)	1 (5%)

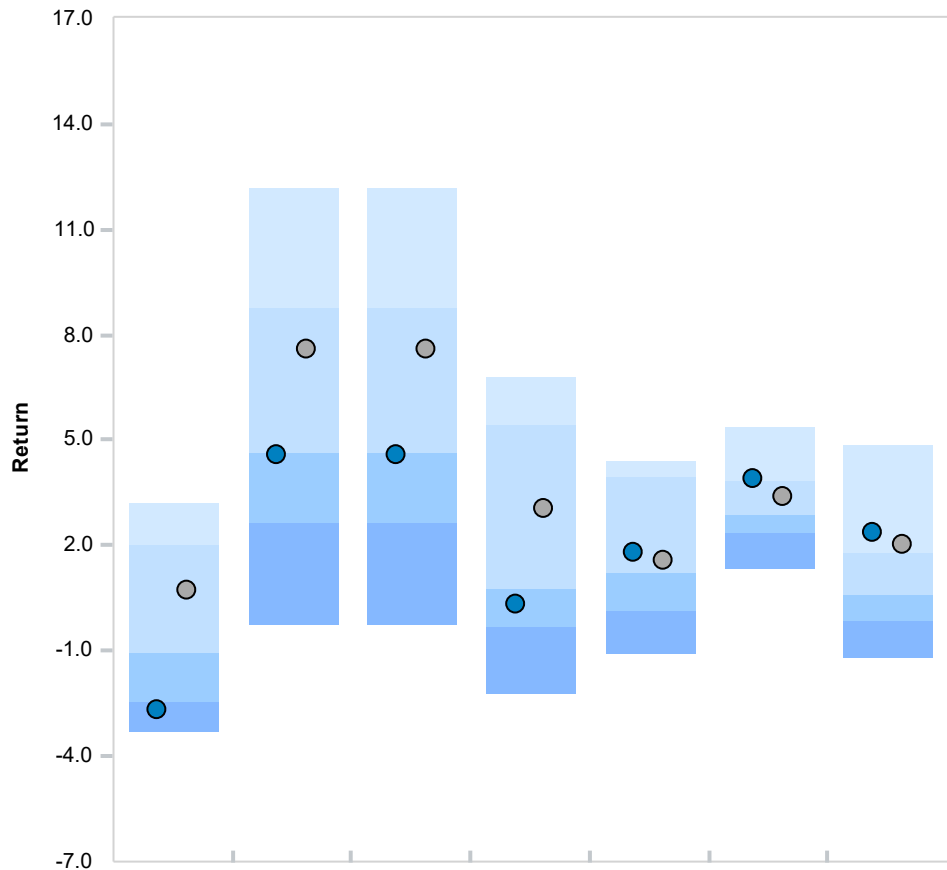
5 Year Rolling Percentile Rank IM International Fixed Income (MF)



	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	20	8 (40%)	11 (55%)	1 (5%)	0 (0%)
Index	20	1 (5%)	9 (45%)	10 (50%)	0 (0%)

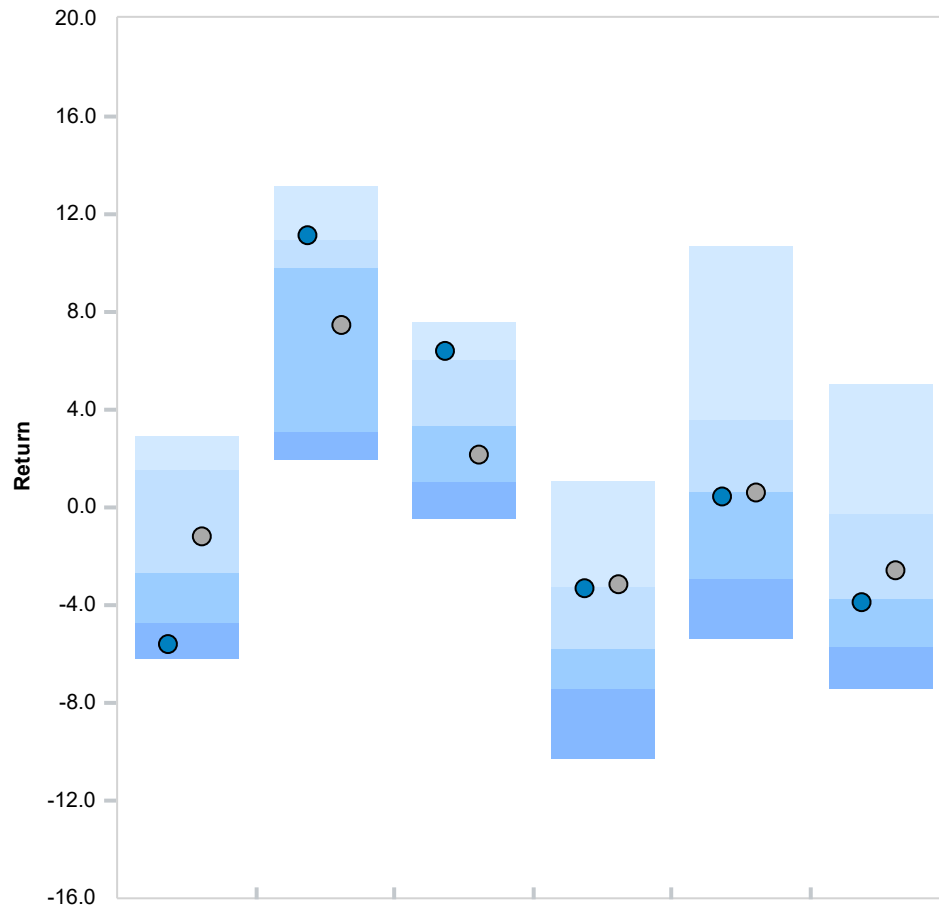


Peer Group Analysis - IM International Fixed Income (MF)



	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR
● Investment	-2.71 (84)	4.59 (51)	4.59 (51)	0.31 (60)	1.77 (47)	3.87 (25)	2.35 (23)
● Index	0.71 (33)	7.60 (37)	7.60 (37)	3.05 (33)	1.59 (48)	3.36 (39)	2.00 (24)
Median	-1.06	4.60	4.60	0.77	1.24	2.86	0.58

Peer Group Analysis - IM International Fixed Income (MF)



	2018	2017	2016	2015	2014	2013
● Investment	-5.65 (86)	11.12 (24)	6.40 (19)	-3.32 (27)	0.41 (52)	-3.88 (56)
● Index	-1.19 (46)	7.39 (59)	2.09 (61)	-3.15 (24)	0.59 (52)	-2.60 (37)
Median	-2.68	9.80	3.34	-5.82	0.63	-3.74

Comparative Performance

	1 Qtr Ending Jun-2019	1 Qtr Ending Mar-2019	1 Qtr Ending Dec-2018	1 Qtr Ending Sep-2018	1 Qtr Ending Jun-2018	1 Qtr Ending Mar-2018
Investment	4.32 (5)	3.54 (20)	-0.47 (77)	-0.65 (52)	-6.87 (82)	2.45 (44)
Index	3.29 (39)	2.20 (49)	1.20 (40)	-0.92 (63)	-2.78 (40)	1.37 (58)
Median	2.96	2.16	0.78	-0.63	-4.61	1.55



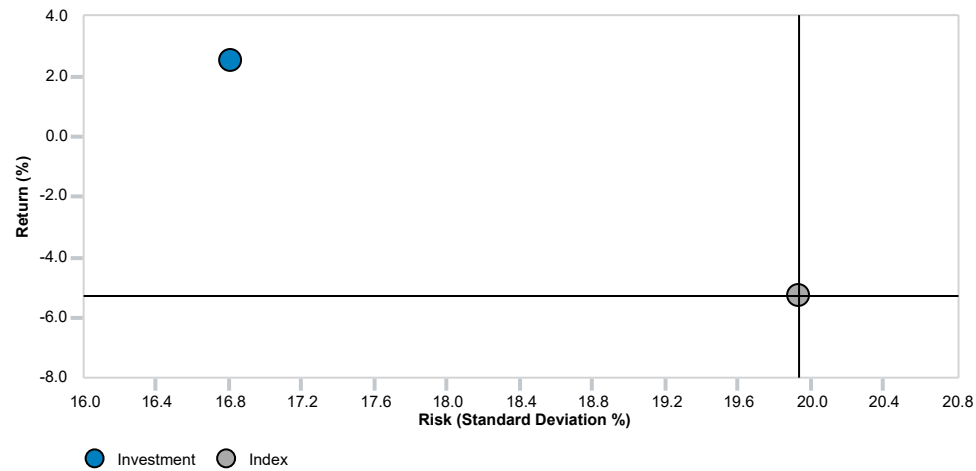
**Historical Statistics 3 Years**

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	2.55	16.81	0.15	96.65	8	55.82	4
Index	-5.31	19.94	-0.24	100.00	5	100.00	7

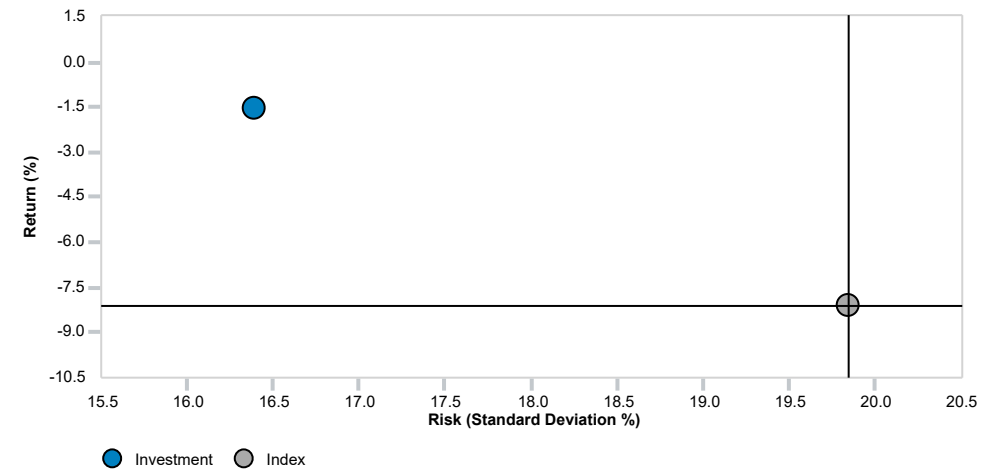
**Historical Statistics 5 Years**

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	-1.53	16.39	-0.06	92.08	11	62.43	9
Index	-8.10	19.85	-0.36	100.00	8	100.00	12

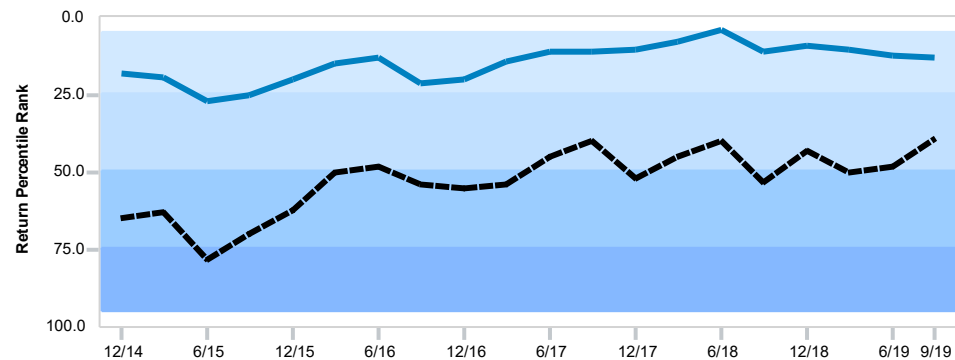
**Risk and Return 3 Years**



**Risk and Return 5 Years**

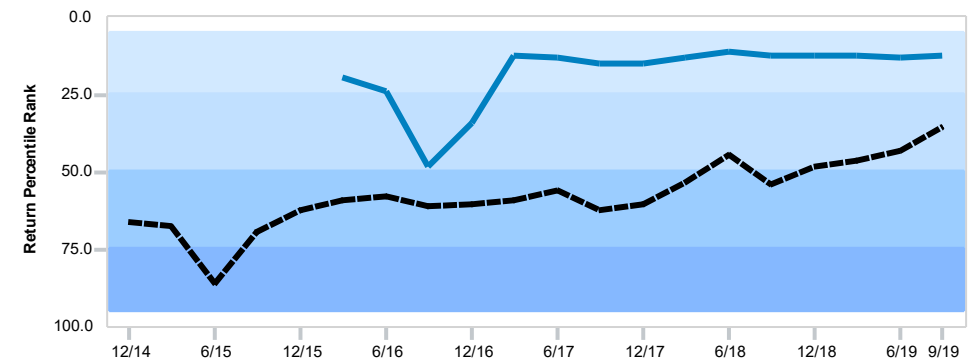


**3 Year Rolling Percentile Rank IM Natural Resources Sector (MF)**



	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	20	19 (95%)	1 (5%)	0 (0%)	0 (0%)
Index	20	0 (0%)	10 (50%)	9 (45%)	1 (5%)

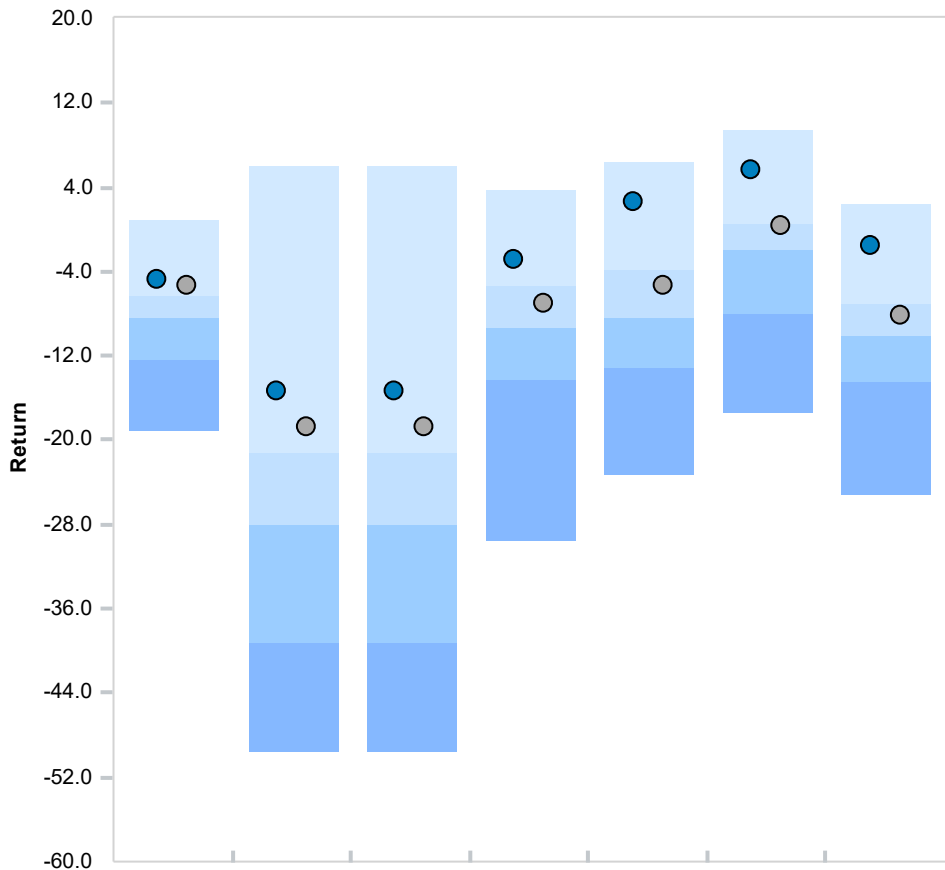
**5 Year Rolling Percentile Rank IM Natural Resources Sector (MF)**



	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	15	13 (87%)	2 (13%)	0 (0%)	0 (0%)
Index	20	0 (0%)	5 (25%)	14 (70%)	1 (5%)

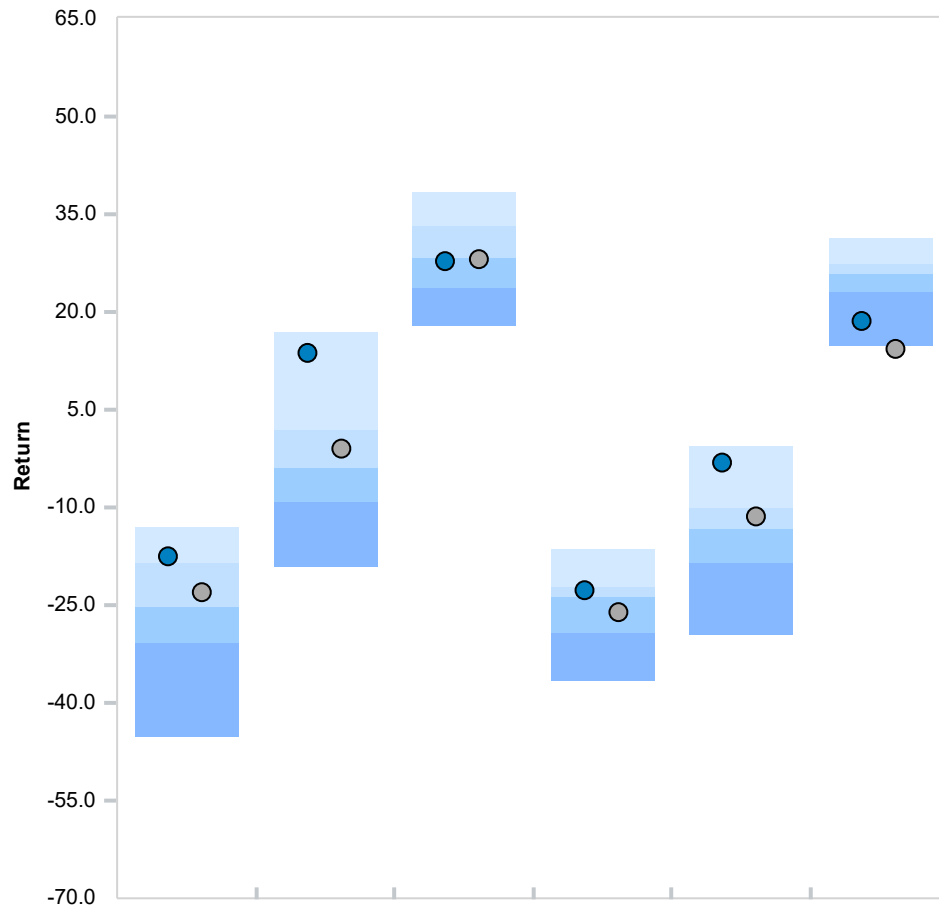


Peer Group Analysis - IM Natural Resources Sector (MF)



	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR
● Investment	-4.86 (21)	-15.38 (18)	-15.38 (18)	-2.96 (17)	2.55 (13)	5.54 (14)	-1.53 (12)
● Index	-5.30 (23)	-18.82 (25)	-18.82 (25)	-6.96 (33)	-5.31 (39)	0.31 (27)	-8.10 (35)
Median	-8.36	-28.03	-28.03	-9.40	-8.38	-1.86	-10.10

Peer Group Analysis - IM Natural Resources Sector (MF)



	2018	2017	2016	2015	2014	2013
● Investment	-17.80 (18)	13.69 (11)	27.75 (61)	-22.89 (32)	-3.32 (16)	18.34 (89)
● Index	-23.06 (37)	-1.13 (38)	27.81 (59)	-26.28 (70)	-11.67 (41)	14.14 (96)
Median	-25.35	-3.84	28.35	-23.71	-13.33	25.74

Comparative Performance

	1 Qtr Ending Jun-2019	1 Qtr Ending Mar-2019	1 Qtr Ending Dec-2018	1 Qtr Ending Sep-2018	1 Qtr Ending Jun-2018	1 Qtr Ending Mar-2018
Investment	1.60 (14)	10.66 (97)	-20.89 (22)	0.85 (40)	5.67 (83)	-2.50 (12)
Index	-2.19 (27)	15.36 (69)	-24.02 (29)	-2.65 (88)	11.40 (44)	-6.62 (53)
Median	-4.38	16.37	-29.78	0.55	10.96	-6.58





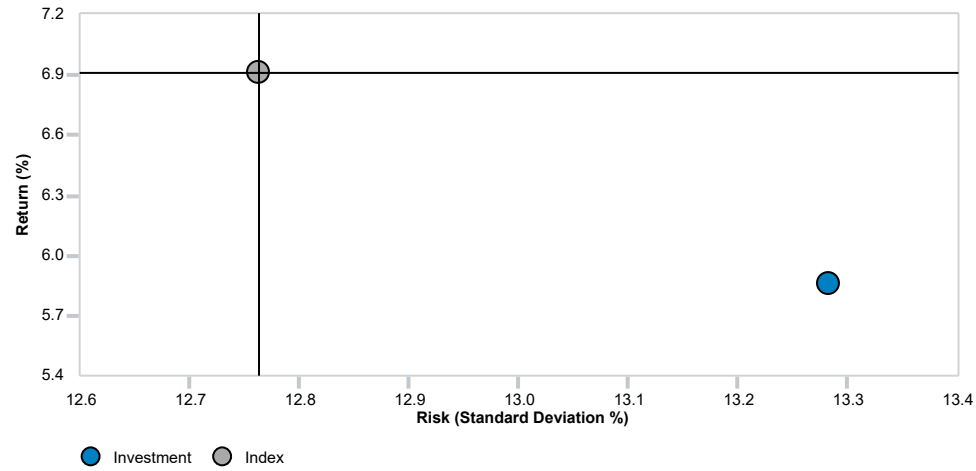
**Historical Statistics 3 Years**

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	5.86	13.28	0.38	99.35	9	114.86	3
Index	6.91	12.76	0.47	100.00	9	100.00	3

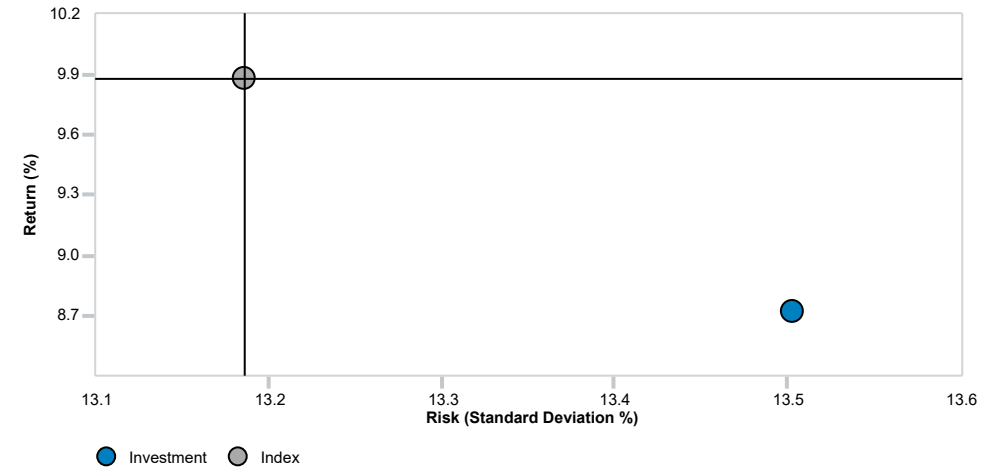
**Historical Statistics 5 Years**

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	8.72	13.50	0.62	97.70	15	111.67	5
Index	9.88	13.19	0.72	100.00	15	100.00	5

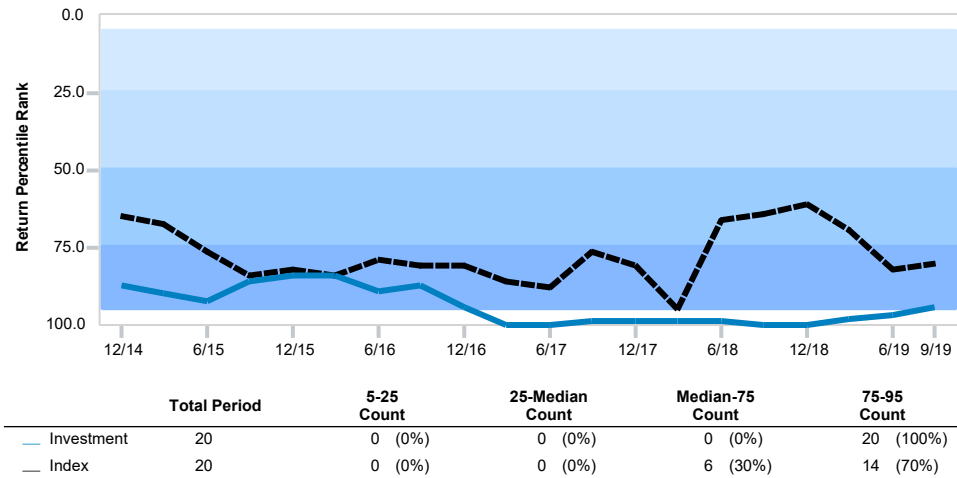
**Risk and Return 3 Years**



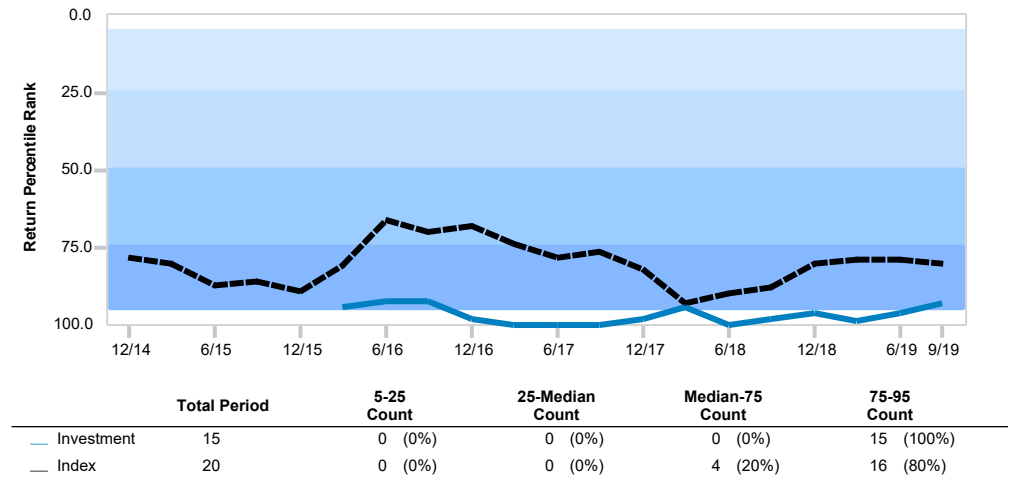
**Risk and Return 5 Years**



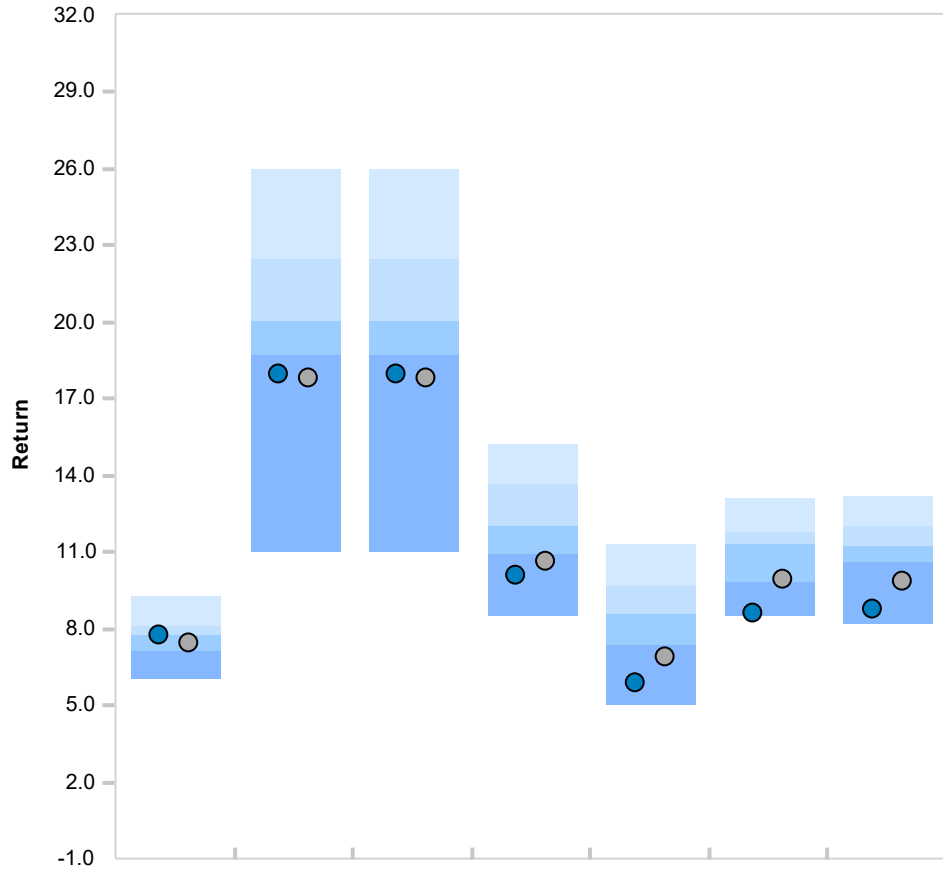
**3 Year Rolling Percentile Rank IM U.S. REIT (SA+CF)**



**5 Year Rolling Percentile Rank IM U.S. REIT (SA+CF)**

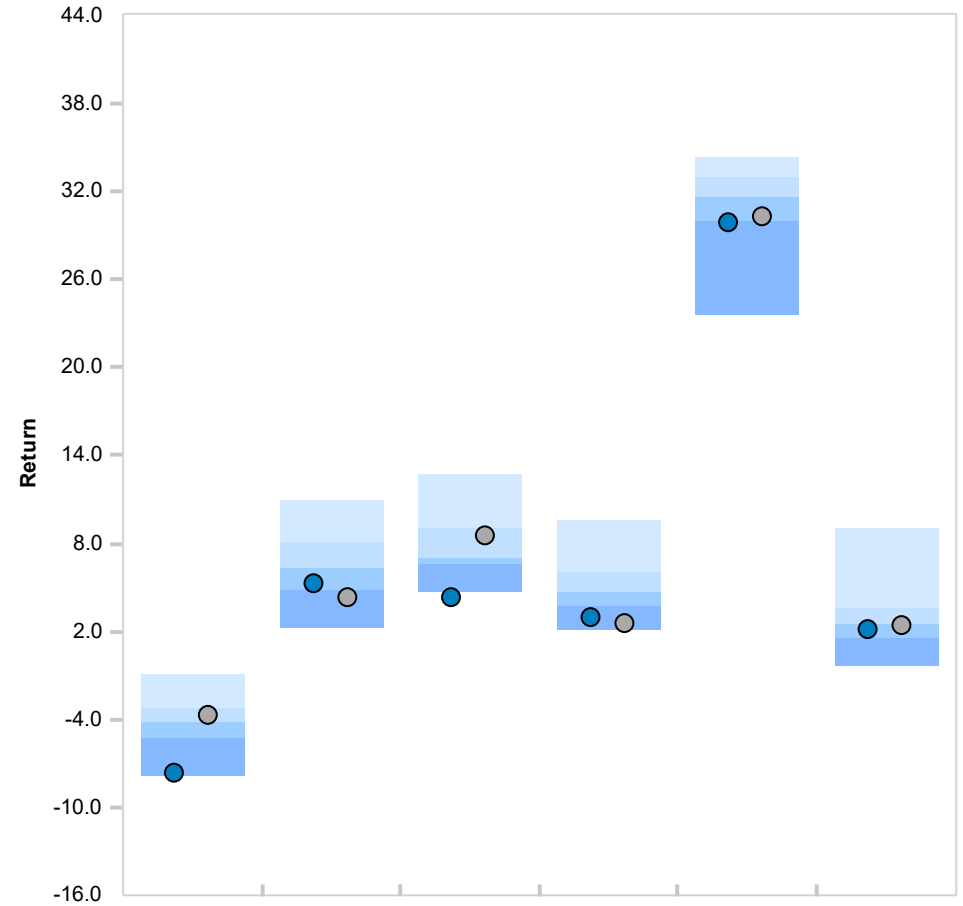


**Peer Group Analysis - IM U.S. REIT (SA+CF)**



	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR
● Investment	7.76 (48)	17.95 (83)	17.95 (83)	10.06 (94)	5.86 (94)	8.61 (95)	8.72 (93)
● Index	7.46 (67)	17.81 (84)	17.81 (84)	10.60 (84)	6.91 (80)	9.95 (73)	9.88 (80)
Median	7.74	20.06	20.06	12.06	8.60	11.30	11.24

**Peer Group Analysis - IM U.S. REIT (SA+CF)**



	2018	2017	2016	2015	2014	2013
● Investment	-7.65 (95)	5.18 (68)	4.23 (97)	2.95 (86)	29.87 (77)	2.05 (63)
● Index	-3.79 (43)	4.33 (83)	8.49 (35)	2.54 (94)	30.26 (73)	2.40 (55)
Median	-4.14	6.35	7.03	4.63	31.57	2.56

**Comparative Performance**

	1 Qtr Ending Jun-2019	1 Qtr Ending Mar-2019	1 Qtr Ending Dec-2018	1 Qtr Ending Sep-2018	1 Qtr Ending Jun-2018	1 Qtr Ending Mar-2018
Investment	1.31 (78)	16.99 (33)	-7.65 (86)	0.37 (89)	7.97 (59)	-7.72 (86)
Index	0.84 (86)	15.77 (69)	-6.09 (40)	1.06 (31)	10.37 (10)	-8.15 (95)
Median	2.14	16.56	-6.31	0.82	8.40	-6.73



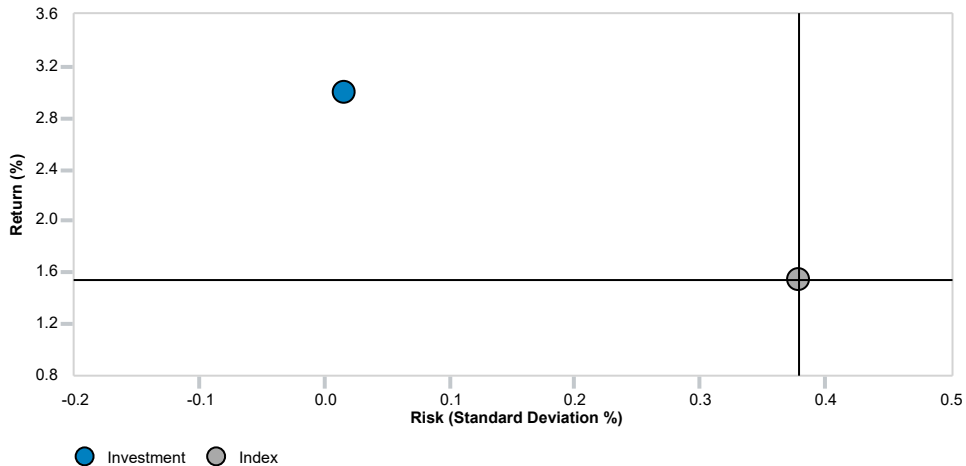
**Historical Statistics 3 Years**

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	3.00	0.02	3.81	194.50	12	N/A	N/A
Index	1.54	0.38	N/A	100.00	12	N/A	N/A

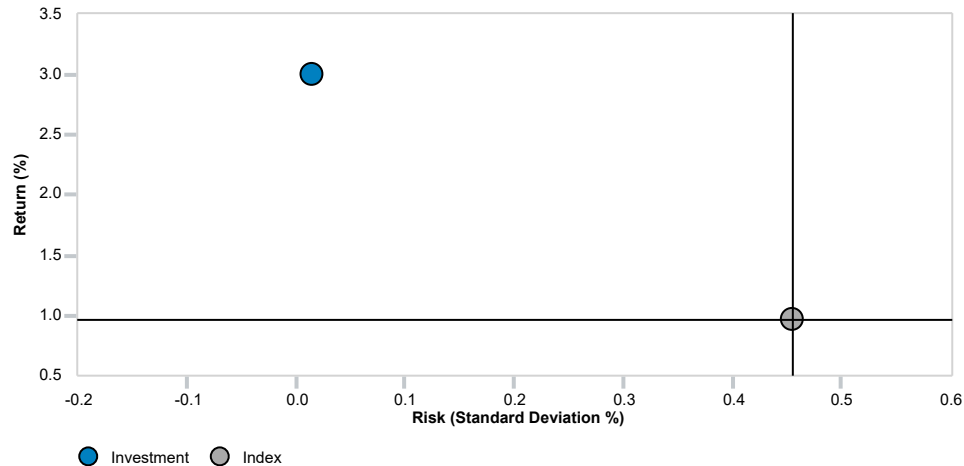
**Historical Statistics 5 Years**

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	3.01	0.02	4.40	293.80	20	-21,387.65	N/A
Index	0.96	0.46	N/A	100.00	19	100.00	1

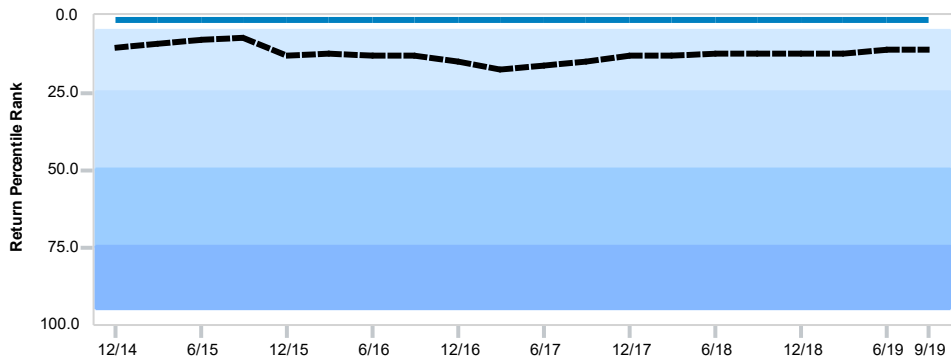
**Risk and Return 3 Years**



**Risk and Return 5 Years**

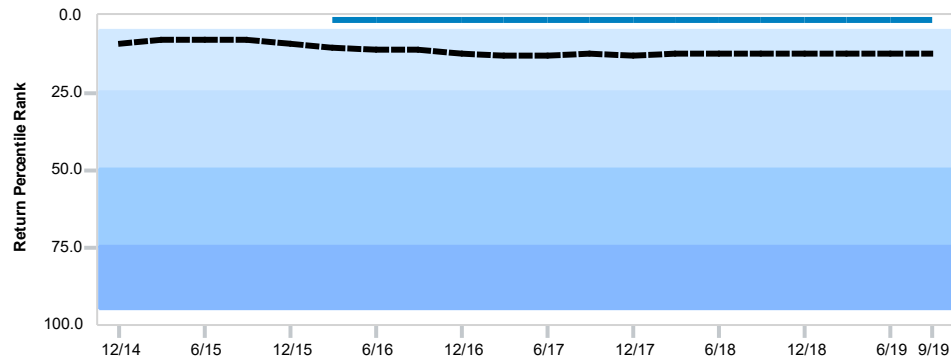


**3 Year Rolling Percentile Rank IM U.S. Taxable Money Market (MF)**



	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	20	20 (100%)	0 (0%)	0 (0%)	0 (0%)
Index	20	20 (100%)	0 (0%)	0 (0%)	0 (0%)

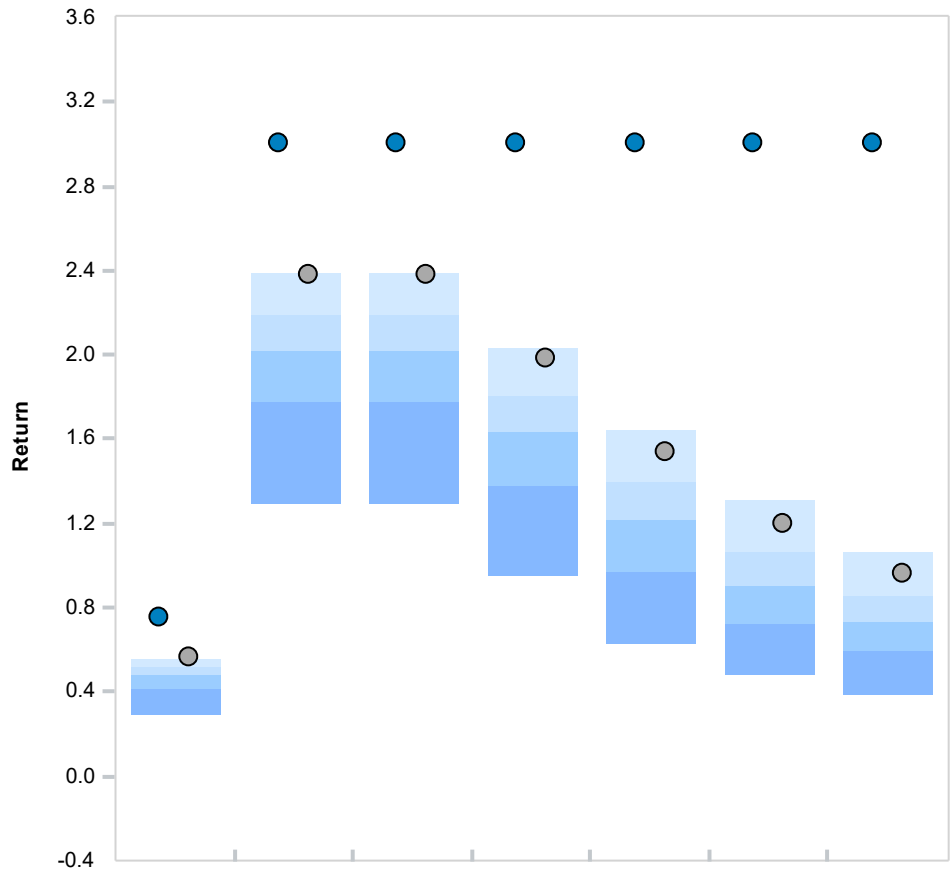
**5 Year Rolling Percentile Rank IM U.S. Taxable Money Market (MF)**



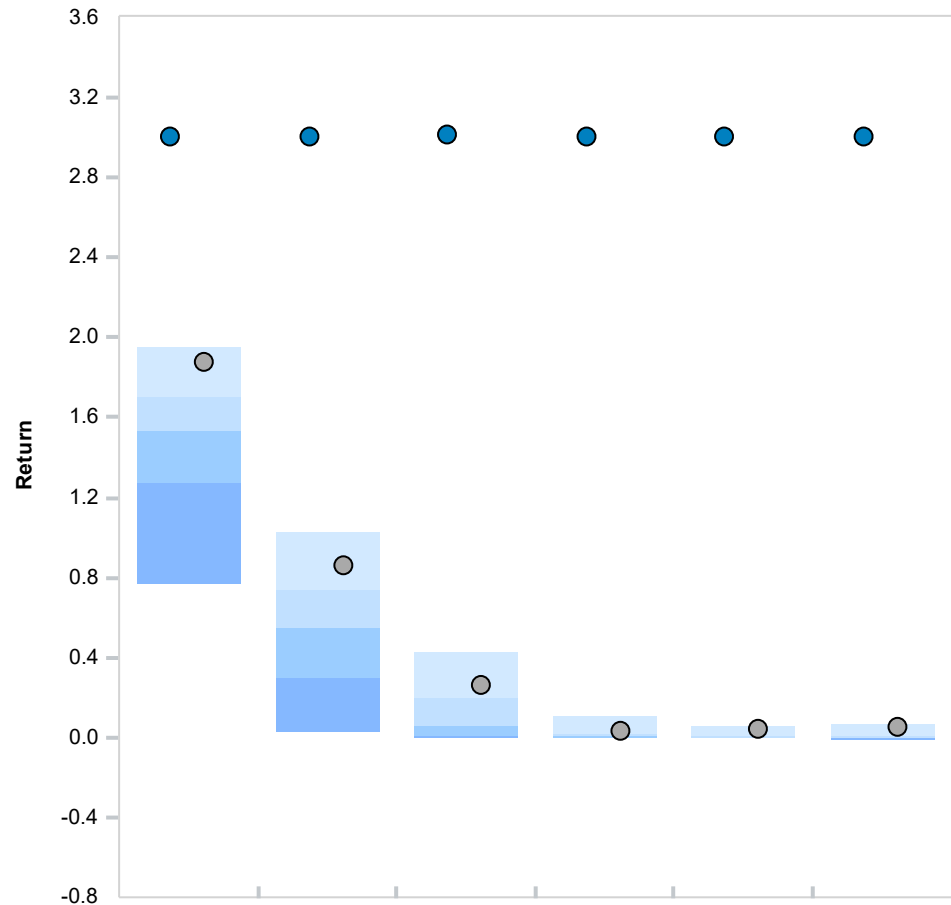
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	15	15 (100%)	0 (0%)	0 (0%)	0 (0%)
Index	20	20 (100%)	0 (0%)	0 (0%)	0 (0%)



**Peer Group Analysis - IM U.S. Taxable Money Market (MF)**



**Peer Group Analysis - IM U.S. Taxable Money Market (MF)**



**Comparative Performance**

	1 Qtr Ending Jun-2019	1 Qtr Ending Mar-2019	1 Qtr Ending Dec-2018	1 Qtr Ending Sep-2018	1 Qtr Ending Jun-2018	1 Qtr Ending Mar-2018
Investment	0.74 (1)	0.73 (1)	0.75 (1)	0.75 (1)	0.74 (1)	0.73 (1)
Index	0.64 (2)	0.60 (11)	0.56 (8)	0.49 (11)	0.45 (11)	0.35 (9)
Median	0.52	0.52	0.48	0.41	0.36	0.26



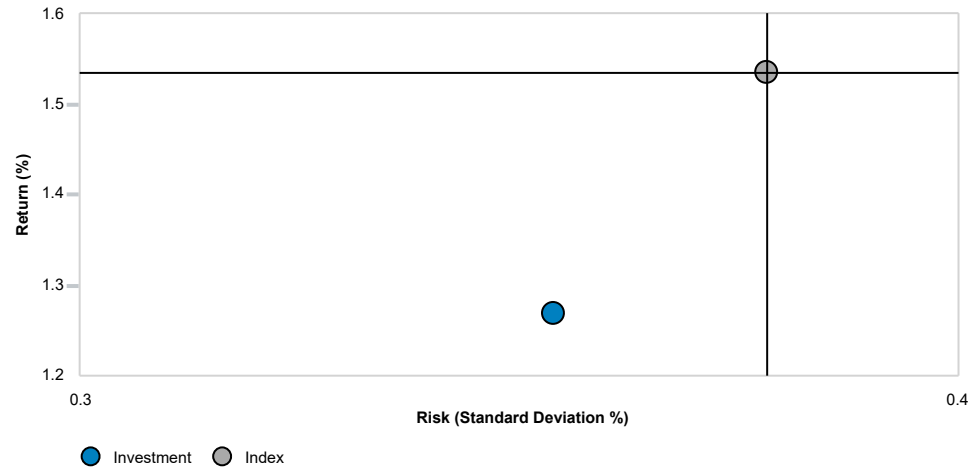
**Historical Statistics 3 Years**

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	1.27	0.35	-5.71	82.73	12	N/A	N/A
Index	1.54	0.38	N/A	100.00	12	N/A	N/A

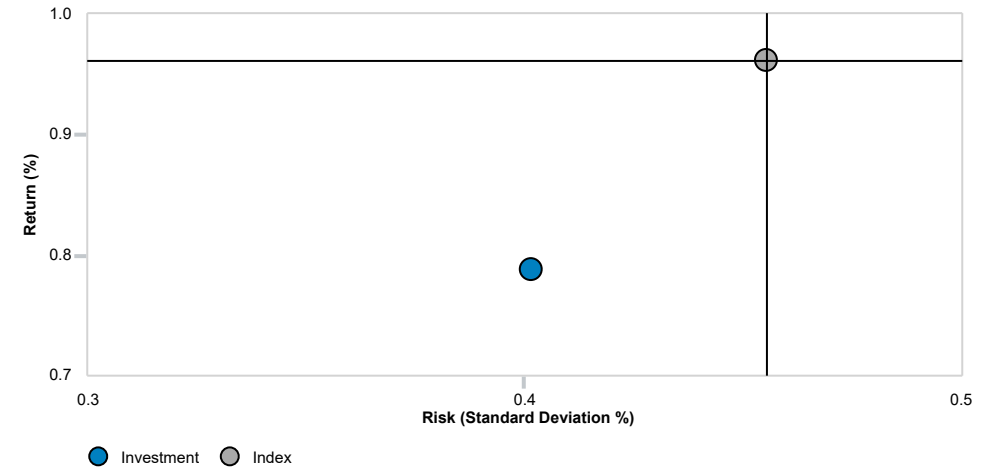
**Historical Statistics 5 Years**

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	0.79	0.40	-2.58	81.83	20	0.00	N/A
Index	0.96	0.46	N/A	100.00	19	100.00	1

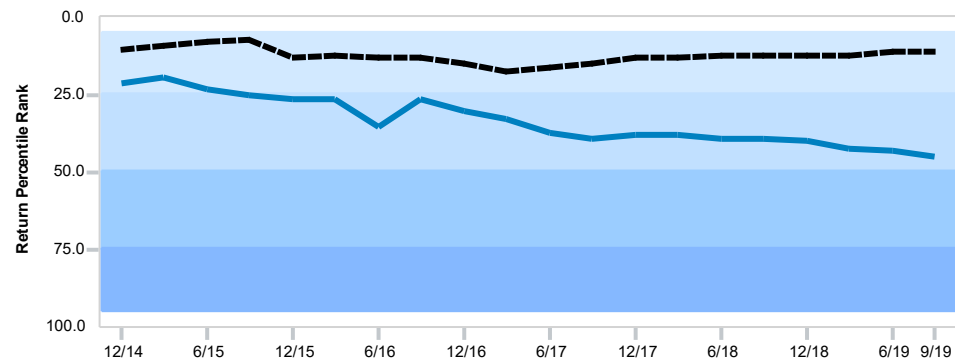
**Risk and Return 3 Years**



**Risk and Return 5 Years**

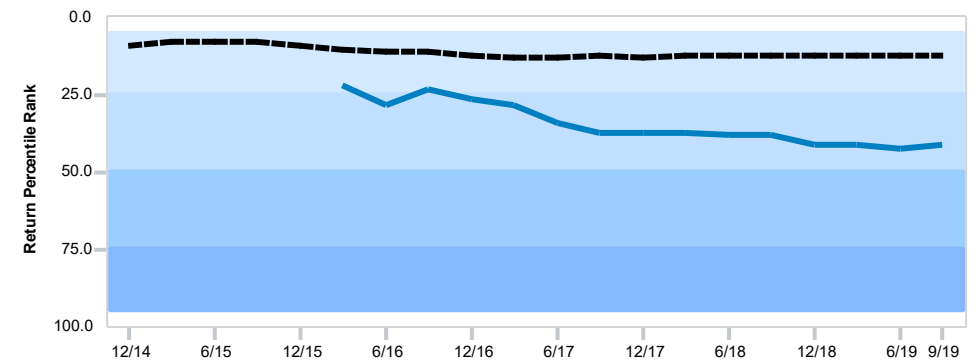


**3 Year Rolling Percentile Rank IM U.S. Taxable Money Market (MF)**



	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	20	4 (20%)	16 (80%)	0 (0%)	0 (0%)
Index	20	20 (100%)	0 (0%)	0 (0%)	0 (0%)

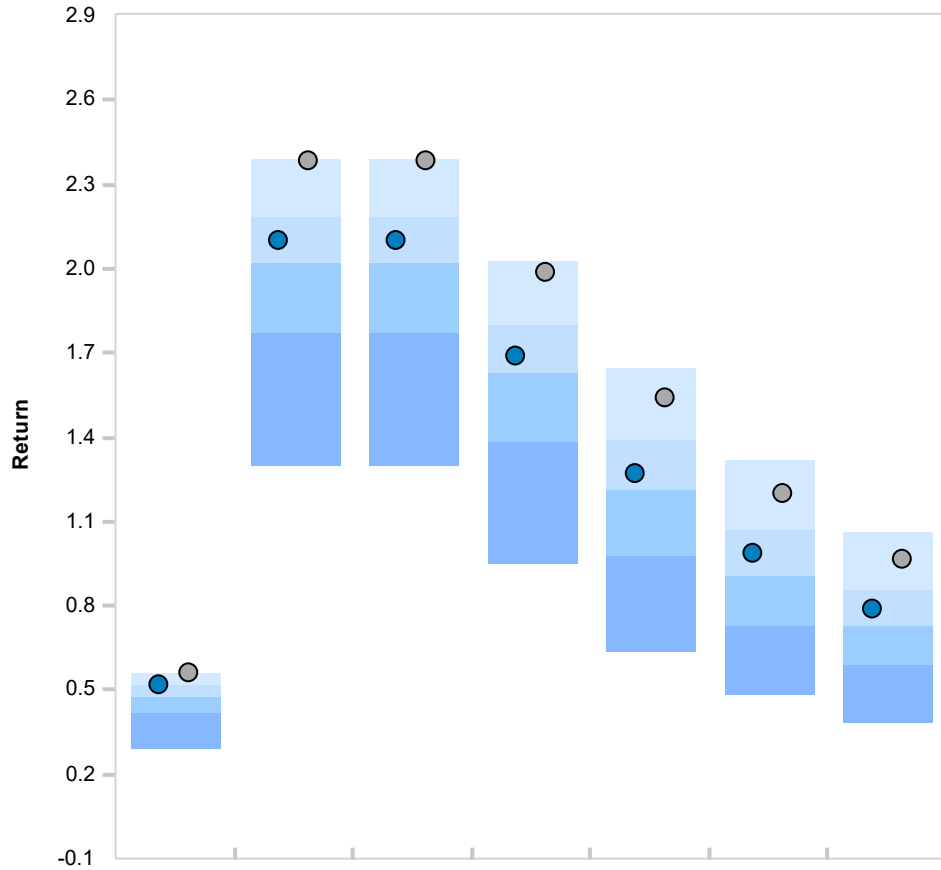
**5 Year Rolling Percentile Rank IM U.S. Taxable Money Market (MF)**



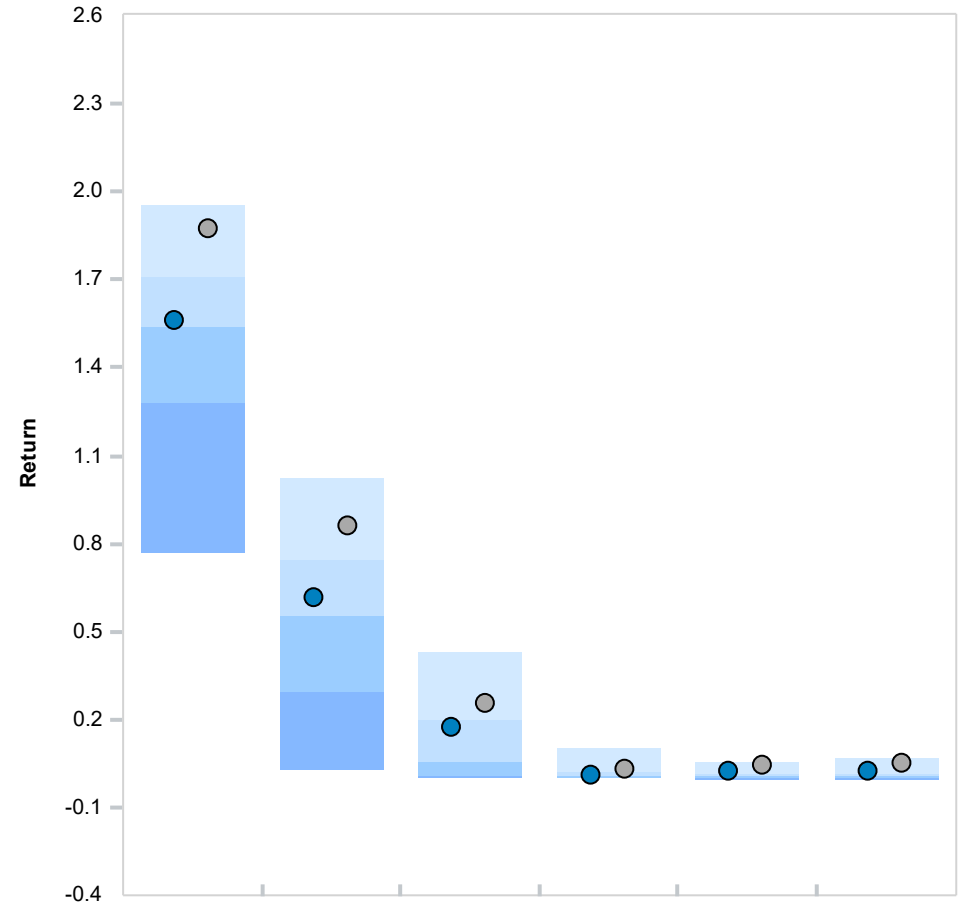
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	15	2 (13%)	13 (87%)	0 (0%)	0 (0%)
Index	20	20 (100%)	0 (0%)	0 (0%)	0 (0%)



**Peer Group Analysis - IM U.S. Taxable Money Market (MF)**



**Peer Group Analysis - IM U.S. Taxable Money Market (MF)**



**Comparative Performance**

	1 Qtr Ending Jun-2019	1 Qtr Ending Mar-2019	1 Qtr Ending Dec-2018	1 Qtr Ending Sep-2018	1 Qtr Ending Jun-2018	1 Qtr Ending Mar-2018
Investment	0.54 (42)	0.53 (47)	0.49 (48)	0.42 (47)	0.36 (51)	0.28 (44)
Index	0.64 (2)	0.60 (11)	0.56 (8)	0.49 (11)	0.45 (11)	0.35 (9)
Median	0.52	0.52	0.48	0.41	0.36	0.26



**Fee Analysis**  
**Total Fund**  
**As of September 30, 2019**

	Estimated Annual Fee (%)	Market Value (\$)	Estimated Annual Fee (\$)	Fee Schedule
Voya T. Rowe Price Capital Appreciation (ITCSX)		-	-	0.89 % of Assets
American Funds American Mutual (RMFEX)		-	-	0.64 % of Assets
MFS Research A (MFRFX)		-	-	0.81 % of Assets
Voya T. Rowe Price Growth Equity (ITGIX)		-	-	0.74 % of Assets
MFS Mid Cap Value (MVCKX)		-	-	0.69 % of Assets
Voya American Century Small-Mid Cap Value (IASSX)		-	-	1.41 % of Assets
Victory Integrity Small Cap (VSVIX)		-	-	0.01 % of Assets
Wanger Small Cap Growth (WUSAX)		-	-	0.94 % of Assets
iShares MSCI EAFE International Index Fund (BTMKX)		-	-	0.06 % of Assets
DFA International Core Equity (DFIEX)		-	-	0.30 % of Assets
American Funds New Perspective Fund (RNPEX)		-	-	0.79 % of Assets
Voya J.P. Morgan Emerging Markets (IJPIX)		-	-	1.51 % of Assets
Fidelity Variable Insurance Product Investment Grade Bond (FBNDX)		-	-	0.45 % of Assets
PIMCO VIT Real Return Portfolio - Administrative Class - 833 (PARRX)		-	-	0.75 % of Assets
Prudential High Yield (PHYQX)		-	-	0.53 % of Assets
Invesco Oppenheimer International Bond (OIBYX)		-	-	0.75 % of Assets
BNY Natural Resources (DNLAX)		-	-	1.58 % of Assets
Voya Clairon Real Estate (IVRSX)		-	-	1.09 % of Assets
Voya Fixed Account 457/401		-	-	
Voya Money Market Portfolio		-	-	



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<b>Active Return</b>	- Arithmetic difference between the manager's performance and the designated benchmark return over a specified time period.
<b>Alpha</b>	- A measure of the difference between a portfolio's actual performance and its expected return based on its level of risk as determined by beta. It determines the portfolio's non-systemic return, or its historical performance not explained by movements of the market.
<b>Beta</b>	- A measure of the sensitivity of a portfolio to the movements in the market. It is a measure of the portfolio's systematic risk.
<b>Consistency</b>	- The percentage of quarters that a product achieved a rate of return higher than that of its benchmark. Higher consistency indicates the manager has contributed more to the product's performance.
<b>Distributed to Paid In (DPI)</b>	- The ratio of money distributed to Limited Partners by the fund, relative to contributions. It is calculated by dividing cumulative distributions by paid in capital. This multiple shows the investor how much money they got back. It is a good measure for evaluating a fund later in its life because there are more distributions to measure against.
<b>Down Market Capture</b>	- The ratio of average portfolio performance over the designated benchmark during periods of negative returns. A lower value indicates better product performance
<b>Downside Risk</b>	- A measure similar to standard deviation that utilizes only the negative movements of the return series. It is calculated by taking the standard deviation of the negative quarterly set of returns. A higher factor is indicative of a riskier product.
<b>Excess Return</b>	- Arithmetic difference between the manager's performance and the risk-free return over a specified time period.
<b>Excess Risk</b>	- A measure of the standard deviation of a portfolio's performance relative to the risk free return.
<b>Information Ratio</b>	- This calculates the value-added contribution of the manager and is derived by dividing the active rate of return of the portfolio by the tracking error. The higher the Information Ratio, the more the manager has added value to the portfolio.
<b>Public Market Equivalent (PME)</b>	- Designs a set of analyses used in the Private Equity Industry to evaluate the performance of a Private Equity Fund against a public benchmark or index.
<b>R-Squared</b>	- The percentage of a portfolio's performance that can be explained by the behavior of the appropriate benchmark. A high R-Squared means the portfolio's performance has historically moved in the same direction as the appropriate benchmark.
<b>Return</b>	- Compounded rate of return for the period.
<b>Sharpe Ratio</b>	- Represents the excess rate of return over the risk free return divided by the standard deviation of the excess return. The result is an absolute rate of return per unit of risk. A higher value demonstrates better historical risk-adjusted performance.
<b>Standard Deviation</b>	- A statistical measure of the range of a portfolio's performance. It represents the variability of returns around the average return over a specified time period.
<b>Total Value to Paid In (TVPI)</b>	- The ratio of the current value of remaining investments within a fund, plus the total value of all distributions to date, relative to the total amount of capital paid into the fund to date. It is a good measure of performance before the end of a fund's life
<b>Tracking Error</b>	- This is a measure of the standard deviation of a portfolio's returns in relation to the performance of its designated market benchmark.
<b>Treynor Ratio</b>	- Similar to Sharpe ratio but utilizes beta rather than excess risk as determined by standard deviation. It is calculated by taking the excess rate of return above the risk free rate divided by beta to derive the absolute rate of return per unit of risk. A higher value indicates a product has achieved better historical risk-adjusted performance.
<b>Up Market Capture</b>	- The ratio of average portfolio performance over the designated benchmark during periods of positive returns. A higher value indicates better product performance.





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