Investment Performance Review
Period Ending December 31, 2022

Miami Beach Fire and Police Nationwide DROP

Table Of Contents

Asset Allocation & Performance Trailing Periods Nationwide DROP	Page 2
Nationwide Destinations Moderately Conservative (NSDCX)	Page 5
Nationwide Destinations Moderate Class Service (NSDMX)	Page 7
Nationwide Destinations Moderately Aggressive (NDMSX)	Page 9
Nationwide Destinations Aggressive (NDASX)	Page 11
Invesco Growth (ACGIX)	Page 13
Nationwide S&P 500 (GRISX)	Page 15
Fidelity Contrafund Fund (FCNTX)	Page 17
Nationwide MidCap (GMXAX)	Page 19
Nationwide Small Company Growth (NWSIX)	Page 21
Invesco International Growth (AIEVX)	Page 23
MFS International Value (MINGX)	Page 25
American Funds New World Fund (RNWEX)	Page 27
Pimco Total Return (PTTAX)	Page 29
Cohen & Steers RE (CSEIX)	Page 31
Additional Funds	Page 34
Allspring Discovery Fund (WFDDX)	Page 35
NVIT Multi Manager Small Cap	Page 37
Nationwide U.S. Small Cap Value (NWUSX)	Page 39
Lord Abbett High Yield R5 (LHYTX)	Page 41
Oppenheimer Global Fund (OPPAX)	Page 43
Pimco International Bond (PFOAX)	Page 45
Nationwide Money Market (MIFXX)	Page 47
Fee Schedule	Page 49

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Asset Allocation & Performance

	Market Value $	Performance(%)				
		QTR	FYTD	1 YR	3 YR	5 YR
Balanced						
Nationwide Inv Dest Mod Cnsrv Svc (NSDCX)	33,435	4.77 (82)	4.77 (82)	-14.28 (48)	0.34 (83)	2.11 (80)
Dow Jones Global Moderately Conservative Index		5.46 (68)	5.46 (68)	-14.42 (50)	-0.44 (90)	1.76 (86)
IM Mixed-Asset Target Alloc Moderate (MF) Median		6.20	6.20	-14.46	1.98	3.29
Nationwide Inv Dest Mod Svc (NSDMX)	98,961	6.57 (43)	6.57 (43)	-16.14 (76)	1.17 (68)	3.00 (60)
Dow Jones Global Moderate Index		6.80 (37)	6.80 (37)	-14.97 (59)	1.45 (64)	3.26 (51)
IM Mixed-Asset Target Alloc Moderate (MF) Median		6.20	6.20	-14.46	1.98	3.29
Nationwide Inv Dest Mod Agrsv Svc (NDMSX)	244,266	8.48 (29)	8.48 (29)	-17.90 (85)	2.01 (79)	3.73 (72)
Dow Jones Global Moderately Aggressive Index		8.26 (33)	8.26 (33)	-15.59 (41)	3.19 (56)	4.58 (48)
IM Mixed-Asset Target Alloc Growth (MF) Median		7.71	7.71	-15.94	3.38	4.51
Nationwide Inv Dest Agrsv Svc (NDASX)	18,953	9.99 (32)	9.99 (32)	-18.42 (55)	2.68 (86)	4.14 (73)
Dow Jones Global Aggressive Index		9.87 (36)	9.87 (36)	-16.96 (30)	4.52 (17)	5.62 (19)
IM Mixed-Asset Target Alloc Aggressive Growth (MF) Median		9.36	9.36	-18.25	3.70	4.84
Domestic Equity						
Invesco Growth and Income A (ACGIX)	327,154	12.33 (61)	12.33 (61)	-5.93 (50)	7.39 (45)	6.06 (85)
Russell 1000 Value Index		12.42 (59)	12.42 (59)	-7.54 (66)	5.96 (79)	6.67 (73)
IM U.S. Large Cap Value Equity (MF) Median		12.88	12.88	-6.10	7.19	7.50
Nationwide S&P 500 Index Instl Svc (GRISX)	683,919	7.40 (59)	7.40 (59)	-18.50 (48)	7.21 (43)	8.96 (45)
S&P 500 Index		7.56 (57)	7.56 (57)	-18.11 (45)	7.66 (29)	9.42 (30)
IM U.S. Large Cap Core Equity (MF) Median		7.83	7.83	-18.72	6.95	8.77
Fidelity® Contrafund® (FCNTX)	393,659	3.89 (32)	3.89 (32)	-28.26 (23)	5.76 (34)	8.52 (51)
Russell 1000 Growth Index		2.20 (57)	2.20 (57)	-29.14 (27)	7.79 (10)	10.96 (11)
IM U.S. Large Cap Growth Equity (MF) Median		2.48	2.48	-31.30	4.76	8.53
Nationwide Mid Cap Market Index A (GMXAX)	187,267	10.67 (35)	10.67 (35)	-13.59 (54)	6.50 (38)	5.99 (49)
S&P MidCap 400 Index		10.78 (35)	10.78 (35)	-13.06 (50)	7.23 (27)	6.71 (35)
IM U.S. Mid Cap Core Equity (MF) Median		9.63	9.63	-13.21	5.90	5.94
Nationwide Small Company Growth InSvc (NWSIX)	22,317	-3.07 (99)	-3.07 (99)	-38.12 (95)	-4.98 (98)	2.36 (92)
Russell 2000 Growth Index		4.13 (56)	4.13 (56)	-26.36 (44)	0.65 (83)	3.51 (83)
IM U.S. Small Cap Growth Equity (MF) Median		4.46	4.46	-27.54	3.48	6.11

	Market Value $	Performance(%)				
		QTR	FYTD	1 YR	3 YR	5 YR
Global / International						
Invesco International Growth (AIEVX)	82,521	13.63 (66)	13.63 (66)	-18.24 (24)	-0.52 (65)	1.44 (48)
MSCI AC World ex USA Growth (Net)		12.89 (77)	12.89 (77)	-23.05 (51)	-0.40 (62)	1.49 (47)
IM International Growth Equity (MF) Median		14.52	14.52	-23.02	0.17	1.35
MFS International Value R3 (MINGX)	195,859	12.23 (82)	12.23 (82)	-23.28 (47)	0.56 (37)	3.00 (11)
MSCI AC World ex USA Growth (Net)		12.89 (72)	12.89 (72)	-23.05 (45)	-0.40 (58)	1.49 (44)
IM International Multi-Cap Growth Equity (MF) Median		14.34	14.34	-24.22	-0.11	1.20
American Funds New World R4 (RNWEX)	31,241	9.91 (56)	9.91 (56)	-22.03 (59)	0.66 (85)	2.68 (84)
MSCI AC World Index (Net)		9.76 (57)	9.76 (57)	-18.36 (48)	4.00 (41)	5.23 (42)
IM Global Equity (MF) Median		10.38	10.38	-19.01	3.40	4.79
Fixed Income						
PIMCO Total Return A (PTTAX)	82,404	1.70 (52)	1.70 (52)	-14.37 (78)	-2.81 (59)	-0.31 (74)
Blmbg. U.S. Aggregate Index		1.87 (35)	1.87 (35)	-13.01 (21)	-2.71 (50)	0.02 (42)
IM U.S. Broad Market Core Fixed Income (MF) Median		1.71	1.71	-13.67	-2.72	-0.07
Real Estate						
Cohen & Steers Real Estate Securities A (CSEIX)	229,487	3.93 (45)	3.93 (45)	-26.49 (57)	0.68 (28)	5.02 (12)
FTSE NAREIT Equity REIT Index		5.24 (8)	5.24 (8)	-24.37 (13)	-0.11 (50)	3.68 (52)
IM Real Estate Sector (MF) Median		3.86	3.86	-26.17	-0.13	3.70
Additional Funds						
Allspring Discovery Fund (WFDDX)	138,454	1.83 (85)	1.83 (85)	-37.82 (96)	-1.45 (89)	4.38 (84)
Russell Midcap Growth Index		6.90 (36)	6.90 (36)	-26.72 (38)	3.85 (54)	7.64 (49)
IM U.S. Mid Cap Growth Equity (MF) Median		5.69	5.69	-28.79	4.14	7.54
NVIT Multi-Manager Small Cap	143,355	6.82 (88)	6.82 (88)	-18.77 (78)	9.06 (8)	7.33 (7)
Russell 2000 Index		6.23 (92)	6.23 (92)	-20.44 (87)	3.10 (75)	4.13 (64)
IM U.S. Small Cap Core Equity (MF) Median		9.65	9.65	-15.78	5.20	4.78
Nationwide US Small Cap Value Instl Svc (NWUSX)	188,110	11.37 (60)	11.37 (60)	-11.28 (54)	6.55 (57)	3.96 (66)
Russell 2000 Value Index		8.42 (90)	8.42 (90)	-14.48 (96)	4.70 (88)	4.13 (63)
IM U.S. Small Cap Value Equity (MF) Median		11.70	11.70	-11.09	6.79	4.73

	Market Value $	Performance(%)				
		QTR	FYTD	1 YR	3 YR	5 YR
Lord Abbett High Yield R5 (LHYTX)	37,698	3.56 (81)	3.56 (81)	-13.64 (94)	-1.29 (80)	1.03 (84)
FTSE High Yield Market Index		4.03 (45)	4.03 (45)	-11.00 (52)	-0.10 (38)	2.17 (27)
IM U.S. High Yield Bonds (MF) Median		3.96	3.96	-10.94	-0.49	1.70
Invesco Oppenheimer Global A (OPPAX)	86,245	10.03 (55)	10.03 (55)	-32.14 (87)	-0.03 (89)	2.59 (85)
MSCI AC World Index (Net)		9.76 (57)	9.76 (57)	-18.36 (48)	4.00 (41)	5.23 (42)
IM Global Equity (MF) Median		10.38	10.38	-19.01	3.40	4.79
PIMCO International Bond USD Hedged A (PFOAX)	56,465	0.78 (91)	0.78 (91)	-10.20 (23)	-2.39 (29)	0.32 (23)
Blmbg. Global Aggregate Ex USD (Hedged)		0.18 (99)	0.18 (99)	-9.76 (22)	-2.58 (30)	0.52 (17)
IM Global Fixed Income (MF) Median		3.81	3.81	-14.66	-3.68	-0.90
Nationwide Gov't Money Market (MIFXX)	70,197	0.78 (44)	0.78 (44)	1.22 (4)	0.48 (7)	0.90 (9)
ICE BofAML 0-3 Month Treasury Index		0.90 (24)	0.90 (24)	1.54 (2)	0.73 (2)	1.25 (1)
IM U.S. Short Term Treasury/Govt Bonds (MF) Median		0.71	0.71	-4.41	-0.90	0.27
Nationwide Fixed Account	3,193,937	0.88	0.88	3.55	3.55	N/A
90 Day U.S. Treasury Bill		0.84	0.84	1.46	0.72	1.26

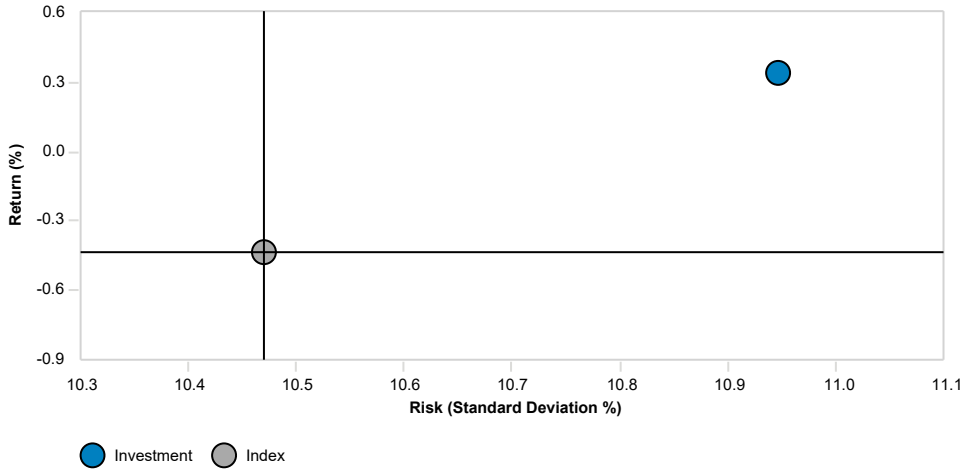
Historical Statistics 3 Years

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	0.34	10.95	0.02	110.75	7	104.86	5
Index	-0.44	10.47	-0.06	100.00	7	100.00	5

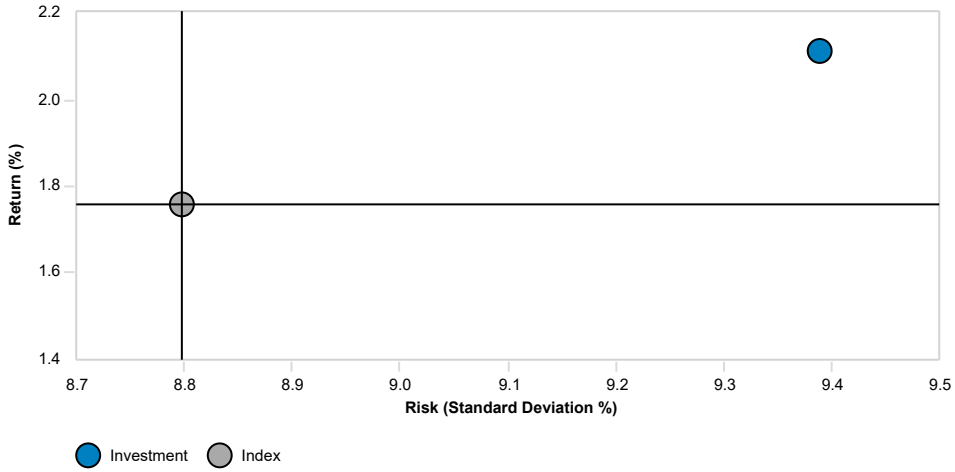
Historical Statistics 5 Years

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	2.11	9.39	0.14	110.45	13	108.66	7
Index	1.76	8.80	0.10	100.00	13	100.00	7

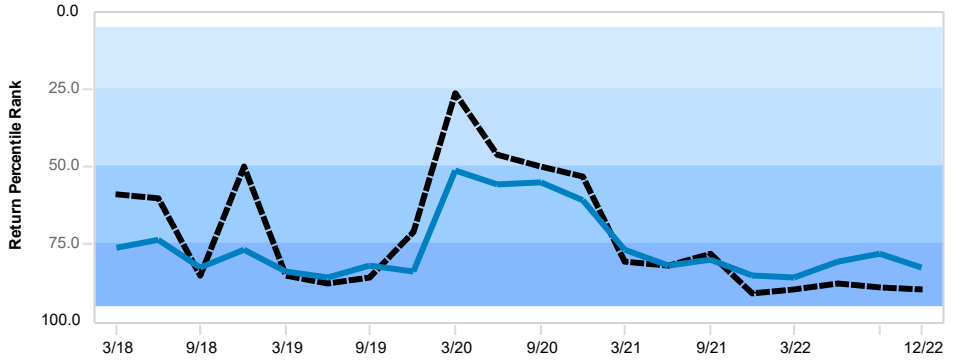
Risk and Return 3 Years



Risk and Return 5 Years

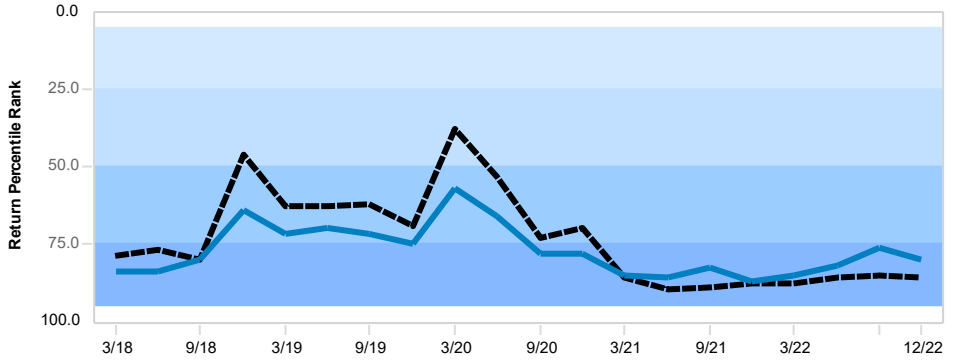


3 Year Rolling Percentile Rank IM Mixed-Asset Target Alloc Moderate (MF)



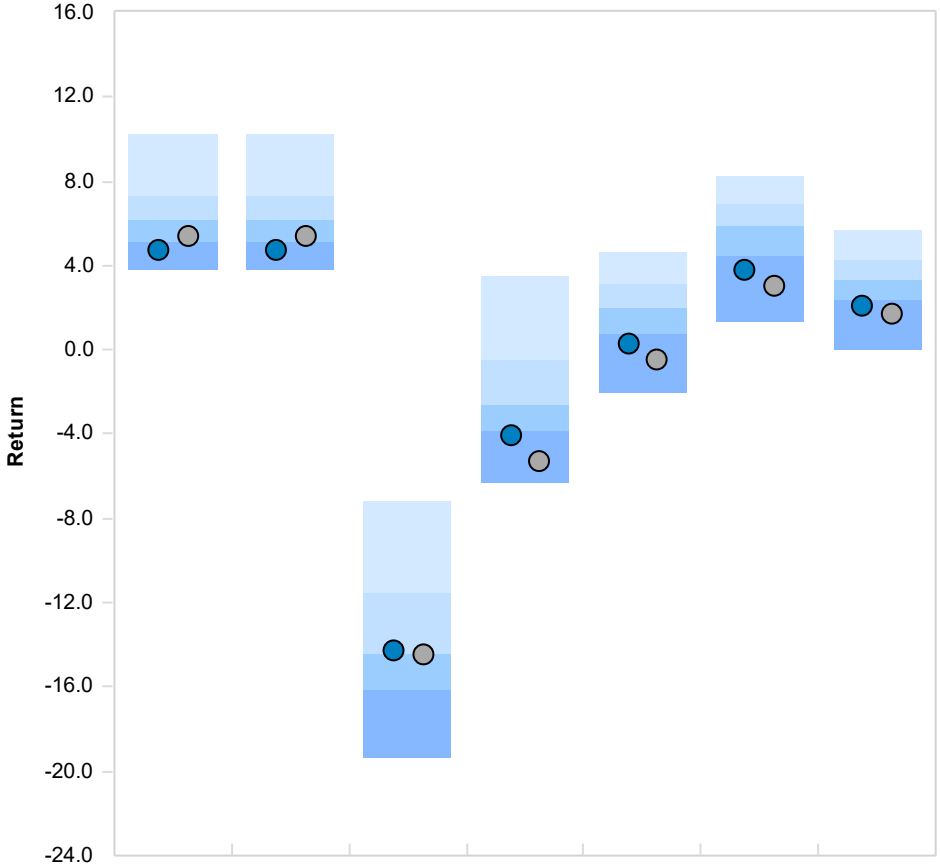
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	20	0 (0%)	0 (0%)	5 (25%)	15 (75%)
Index	20	0 (0%)	4 (20%)	4 (20%)	12 (60%)

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



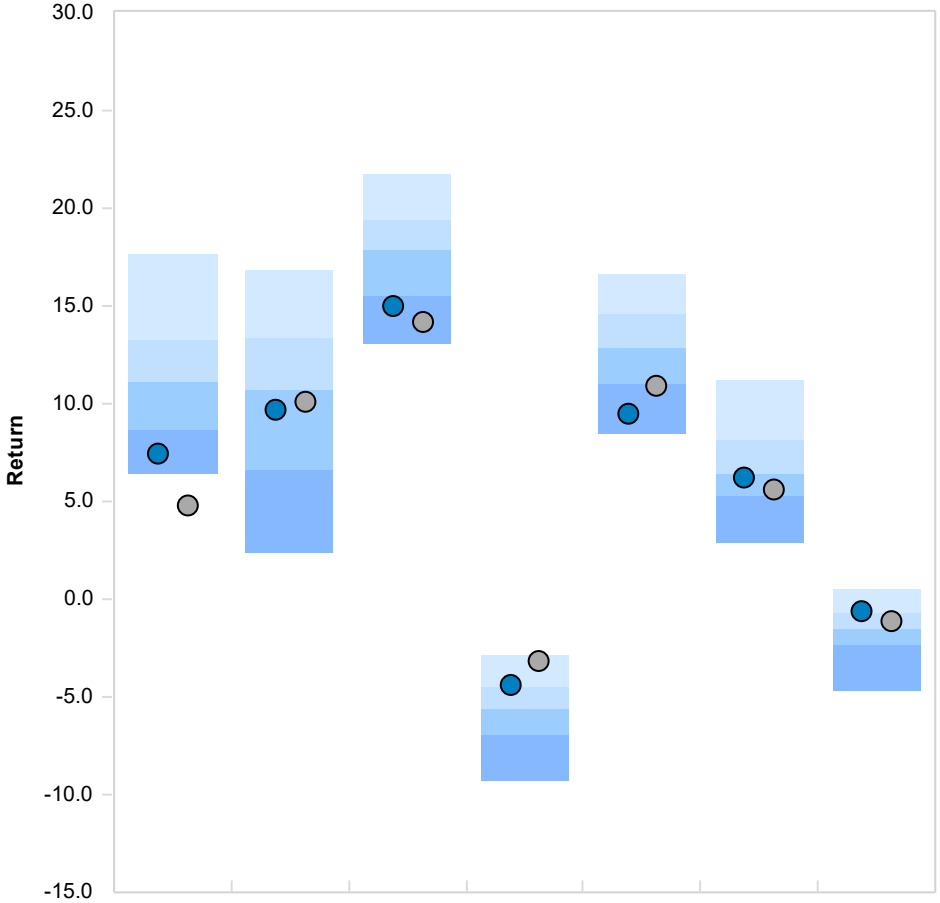
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	20	0 (0%)	0 (0%)	7 (35%)	13 (65%)
Index	20	0 (0%)	2 (10%)	7 (35%)	11 (55%)

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



	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR
Investment	4.77 (82)	4.77 (82)	-14.28 (48)	-4.04 (79)	0.34 (83)	3.82 (85)	2.11 (80)
Index	5.46 (68)	5.46 (68)	-14.42 (50)	-5.31 (92)	-0.44 (90)	3.02 (91)	1.76 (86)
Median	6.20	6.20	-14.46	-2.61	1.98	5.85	3.29

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



	2021	2020	2019	2018	2017	2016	2015
Investment	7.42 (89)	9.70 (58)	14.99 (82)	-4.42 (23)	9.54 (91)	6.21 (54)	-0.65 (24)
Index	4.76 (97)	10.08 (55)	14.14 (91)	-3.15 (7)	10.91 (76)	5.65 (68)	-1.11 (37)
Median	11.09	10.74	17.84	-5.64	12.84	6.39	-1.54

Comparative Performance

	1 Qtr Ending Sep-2022	1 Qtr Ending Jun-2022	1 Qtr Ending Mar-2022	1 Qtr Ending Dec-2021	1 Qtr Ending Sep-2021	1 Qtr Ending Jun-2021
Investment	-4.45 (25)	-9.43 (32)	-5.45 (65)	2.84 (77)	-0.50 (42)	3.83 (79)
Index	-5.50 (72)	-9.32 (30)	-5.30 (58)	1.63 (95)	-0.67 (60)	3.43 (90)
Median	-5.03	-10.38	-5.13	3.69	-0.58	4.52

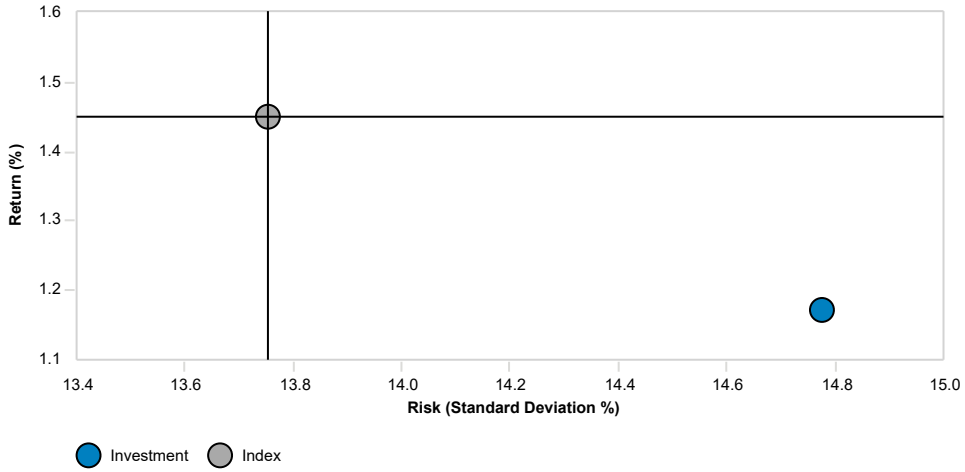
Historical Statistics 3 Years

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	1.17	14.78	0.10	108.44	7	110.31	5
Index	1.45	13.75	0.12	100.00	7	100.00	5

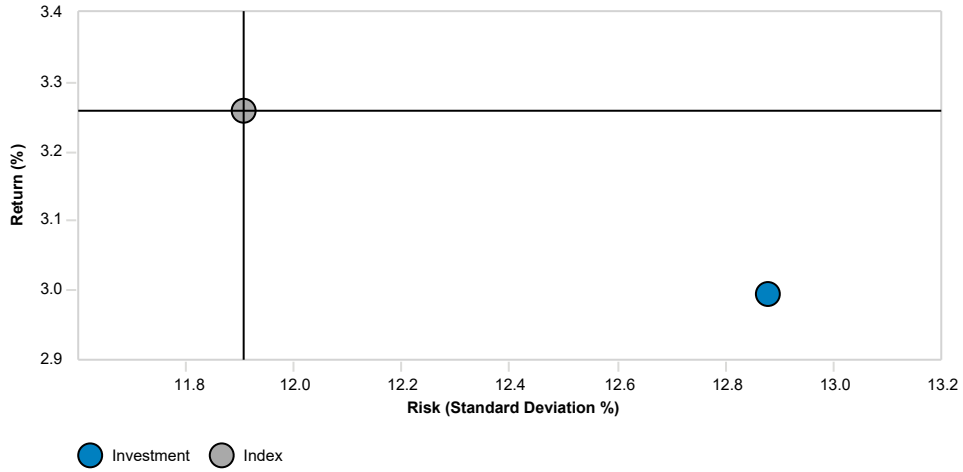
Historical Statistics 5 Years

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	3.00	12.88	0.20	108.31	13	111.62	7
Index	3.26	11.91	0.22	100.00	13	100.00	7

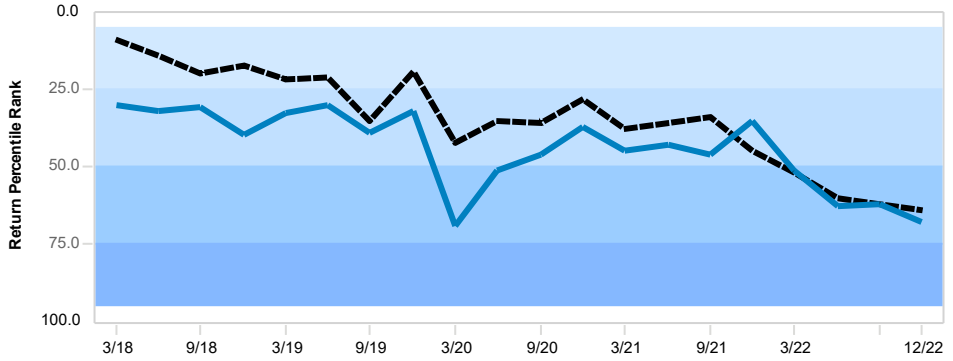
Risk and Return 3 Years



Risk and Return 5 Years

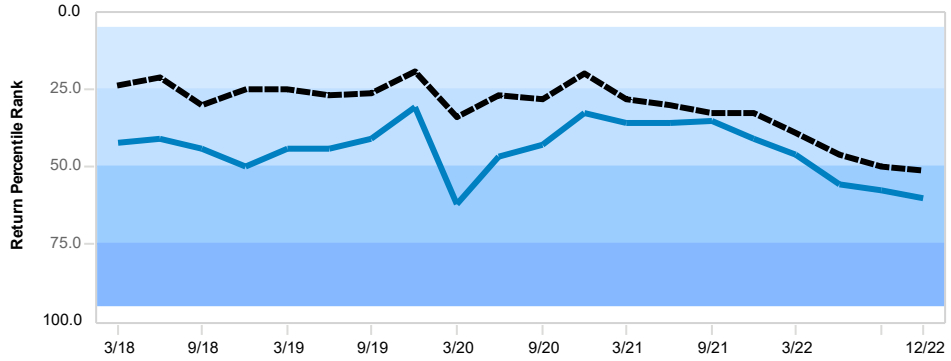


3 Year Rolling Percentile Rank IM Mixed-Asset Target Alloc Moderate (MF)



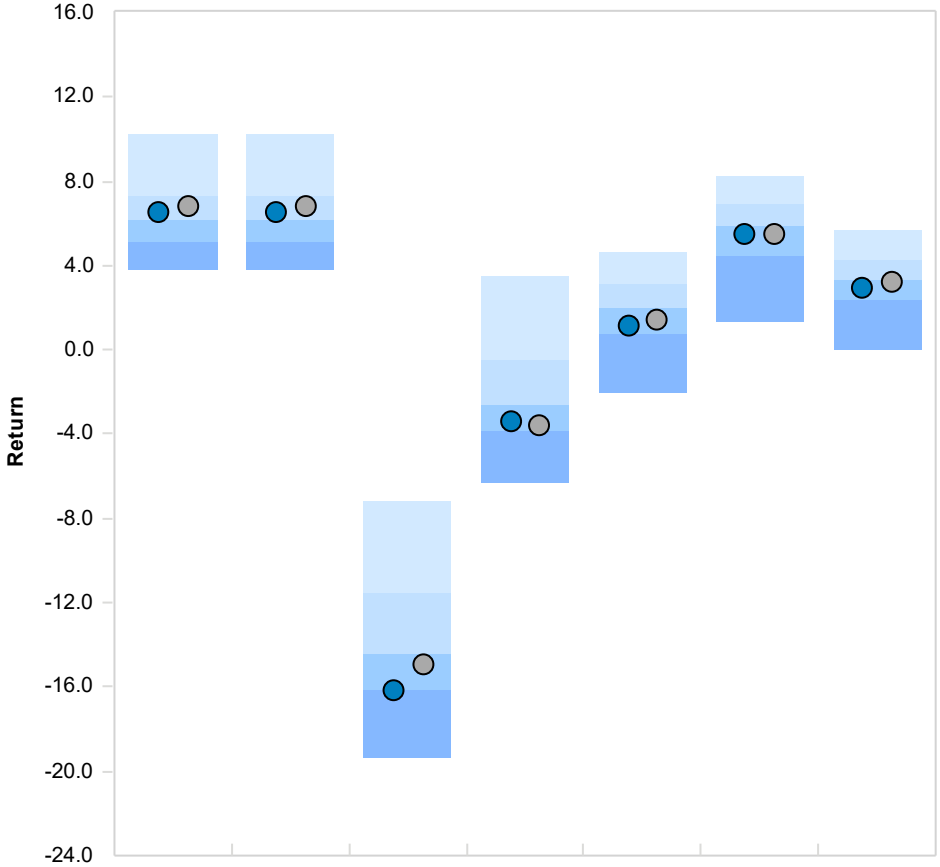
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	20	0 (0%)	14 (70%)	6 (30%)	0 (0%)
Index	20	7 (35%)	9 (45%)	4 (20%)	0 (0%)

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



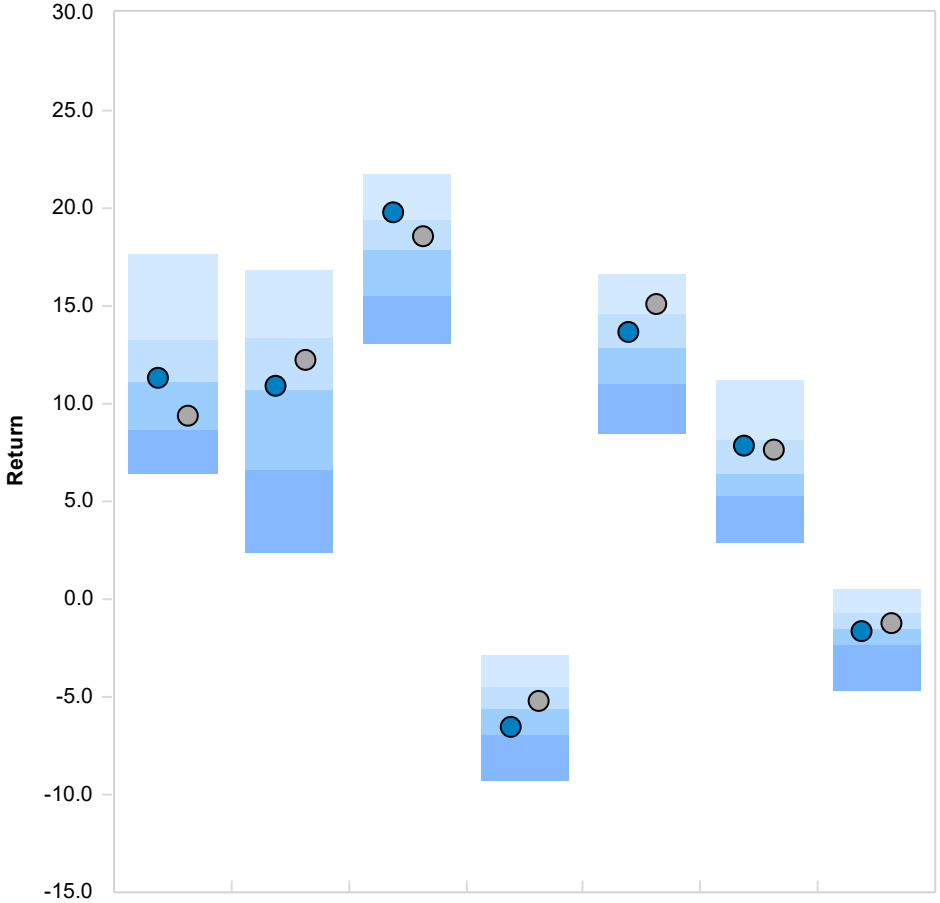
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	20	0 (0%)	16 (80%)	4 (20%)	0 (0%)
Index	20	6 (30%)	13 (65%)	1 (5%)	0 (0%)

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



	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR
Investment	6.57 (43)	6.57 (43)	-16.14 (76)	-3.38 (65)	1.17 (68)	5.53 (56)	3.00 (60)
Index	6.80 (37)	6.80 (37)	-14.97 (59)	-3.55 (69)	1.45 (64)	5.49 (57)	3.26 (51)
Median	6.20	6.20	-14.46	-2.61	1.98	5.85	3.29

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



	2021	2020	2019	2018	2017	2016	2015
Investment	11.31 (49)	10.94 (49)	19.77 (21)	-6.55 (67)	13.64 (40)	7.81 (29)	-1.60 (55)
Index	9.40 (70)	12.24 (36)	18.60 (37)	-5.21 (42)	15.15 (17)	7.67 (30)	-1.21 (42)
Median	11.09	10.74	17.84	-5.64	12.84	6.39	-1.54

Comparative Performance

	1 Qtr Ending Sep-2022	1 Qtr Ending Jun-2022	1 Qtr Ending Mar-2022	1 Qtr Ending Dec-2021	1 Qtr Ending Sep-2021	1 Qtr Ending Jun-2021
Investment	-5.01 (49)	-11.90 (79)	-5.97 (81)	4.13 (40)	-0.76 (67)	5.04 (28)
Index	-5.48 (72)	-11.23 (62)	-5.10 (50)	2.85 (77)	-0.83 (71)	4.61 (46)
Median	-5.03	-10.38	-5.13	3.69	-0.58	4.52

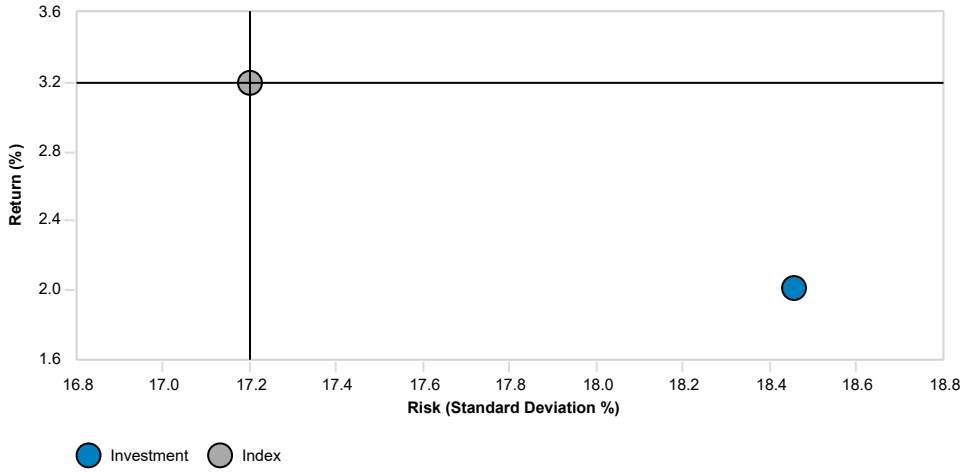
Historical Statistics 3 Years

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	2.01	18.45	0.16	106.14	7	111.82	5
Index	3.19	17.20	0.23	100.00	7	100.00	5

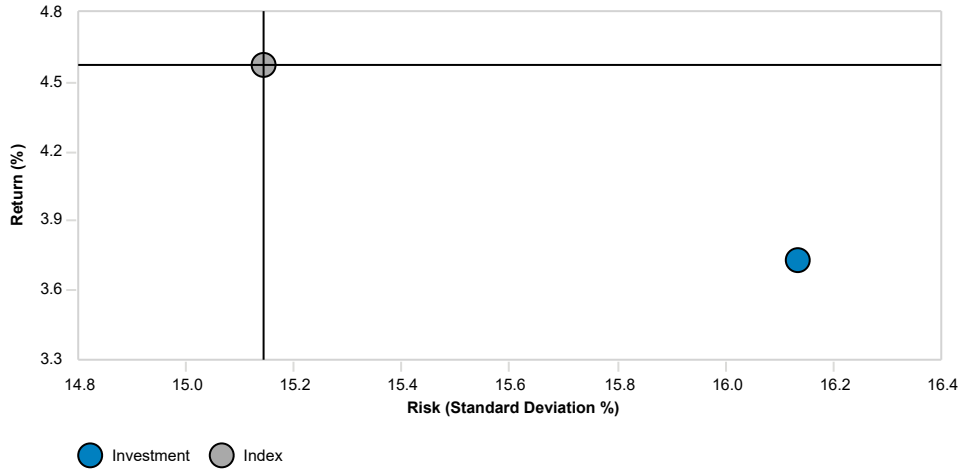
Historical Statistics 5 Years

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	3.73	16.13	0.23	104.76	13	110.02	7
Index	4.58	15.15	0.29	100.00	13	100.00	7

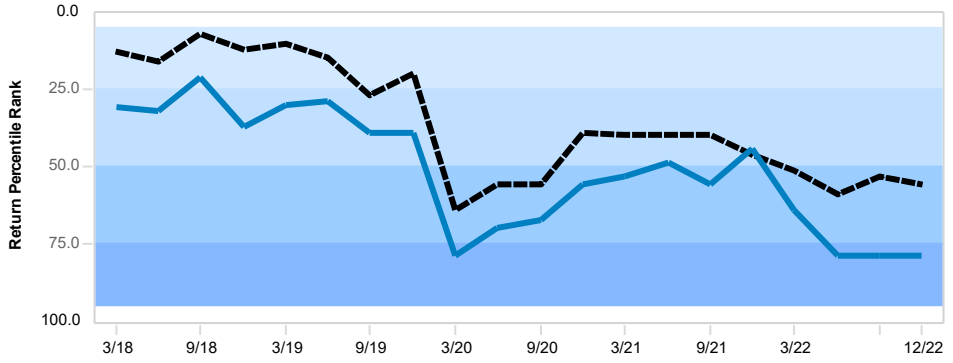
Risk and Return 3 Years



Risk and Return 5 Years

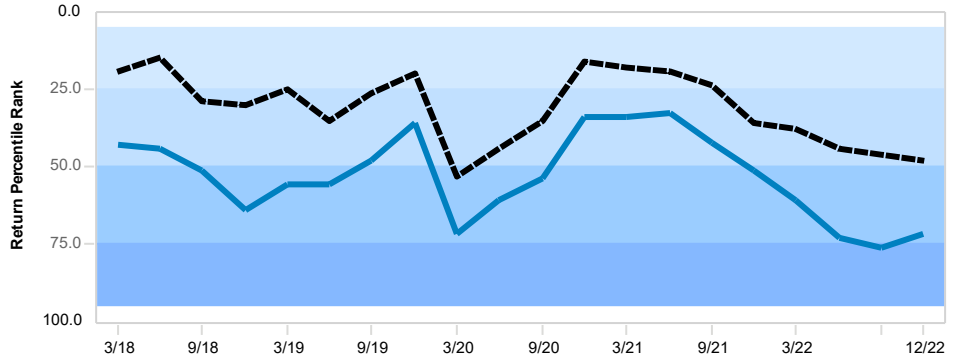


3 Year Rolling Percentile Rank IM Mixed-Asset Target Alloc Growth (MF)



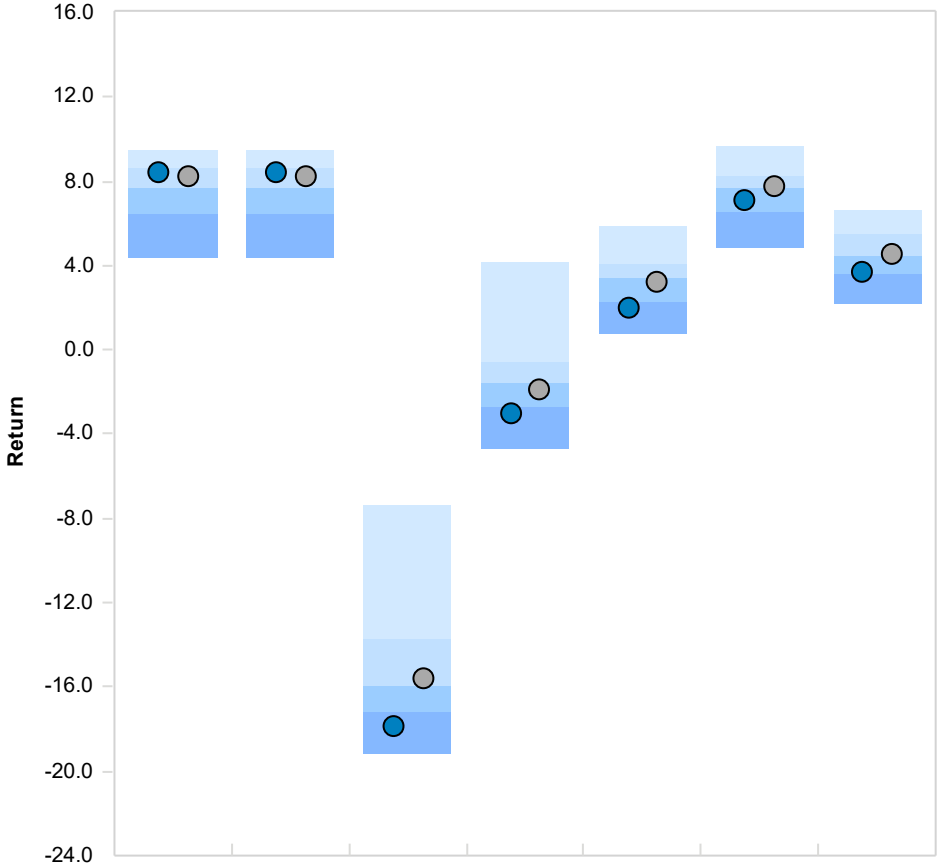
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	20	1 (5%)	9 (45%)	6 (30%)	4 (20%)
Index	20	7 (35%)	6 (30%)	7 (35%)	0 (0%)

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



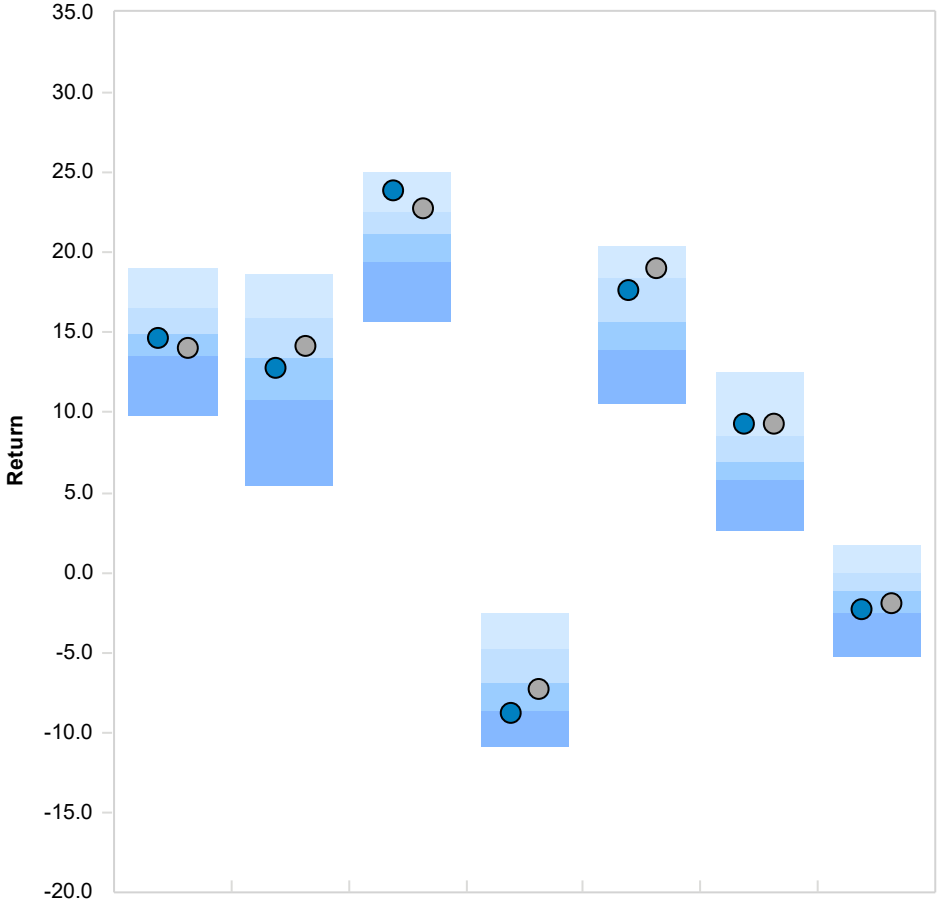
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	20	0 (0%)	8 (40%)	11 (55%)	1 (5%)
Index	20	8 (40%)	11 (55%)	1 (5%)	0 (0%)

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



	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR
Investment	8.48 (29)	8.48 (29)	-17.90 (85)	-2.97 (79)	2.01 (79)	7.10 (66)	3.73 (72)
Index	8.26 (33)	8.26 (33)	-15.59 (41)	-1.88 (57)	3.19 (56)	7.79 (43)	4.58 (48)
Median	7.71	7.71	-15.94	-1.62	3.38	7.65	4.51

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



	2021	2020	2019	2018	2017	2016	2015
Investment	14.68 (54)	12.74 (60)	23.93 (12)	-8.72 (77)	17.64 (32)	9.29 (19)	-2.27 (73)
Index	14.05 (66)	14.14 (41)	22.84 (21)	-7.33 (55)	19.08 (15)	9.31 (19)	-1.89 (66)
Median	14.91	13.37	21.19	-6.92	15.72	6.89	-1.17

Comparative Performance

	1 Qtr Ending Sep-2022	1 Qtr Ending Jun-2022	1 Qtr Ending Mar-2022	1 Qtr Ending Dec-2021	1 Qtr Ending Sep-2021	1 Qtr Ending Jun-2021
Investment	-5.65 (55)	-14.15 (91)	-6.57 (88)	5.11 (53)	-1.23 (79)	5.95 (33)
Index	-5.48 (47)	-13.23 (73)	-4.93 (35)	4.03 (83)	-0.98 (69)	5.77 (44)
Median	-5.56	-12.26	-5.45	5.18	-0.68	5.66

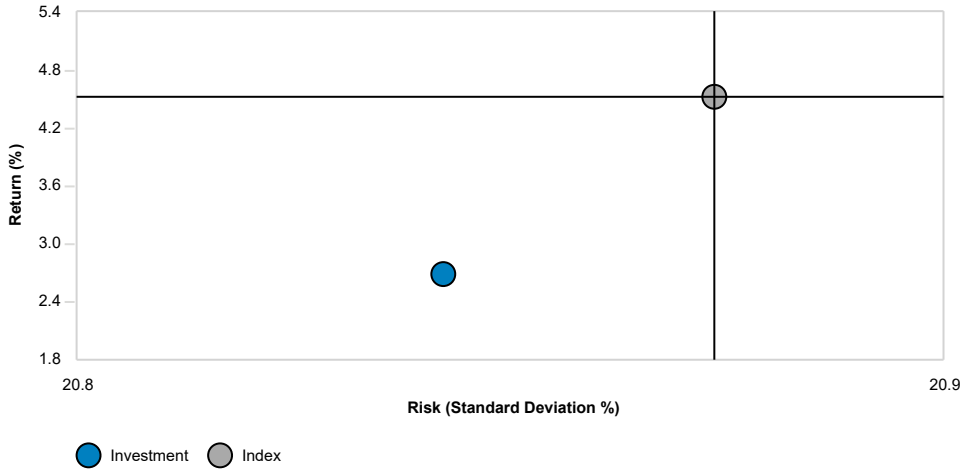
Historical Statistics 3 Years

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	2.68	20.84	0.20	97.99	7	104.48	5
Index	4.52	20.87	0.28	100.00	7	100.00	5

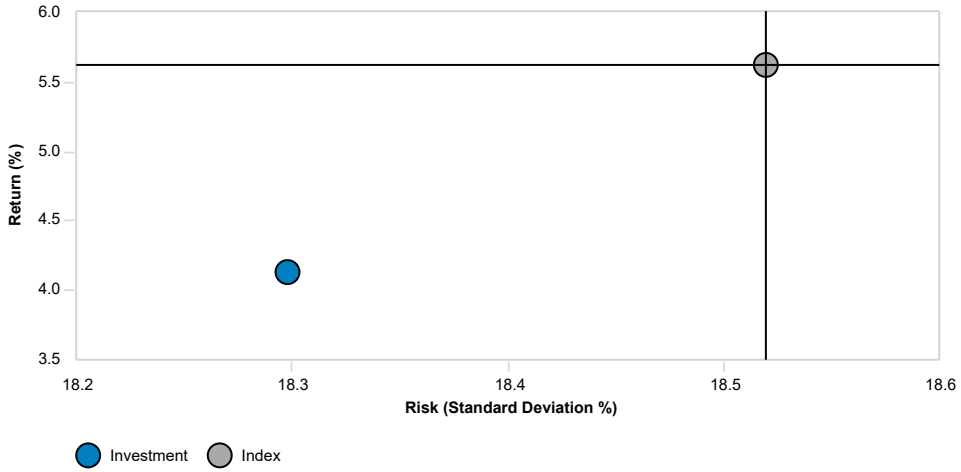
Historical Statistics 5 Years

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	4.14	18.30	0.25	96.47	12	102.08	8
Index	5.62	18.52	0.32	100.00	12	100.00	8

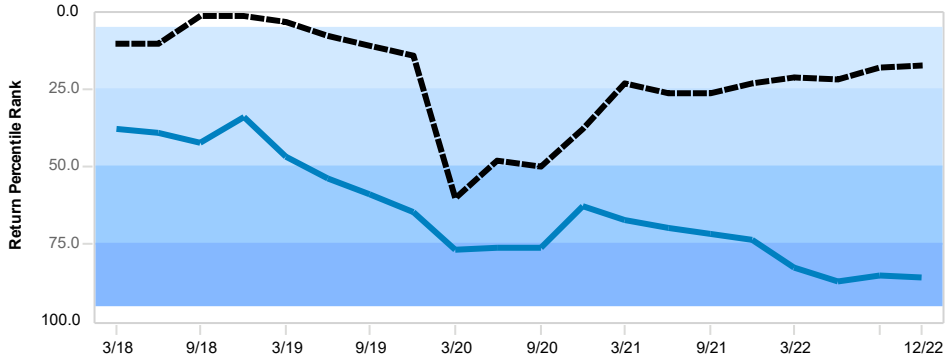
Risk and Return 3 Years



Risk and Return 5 Years

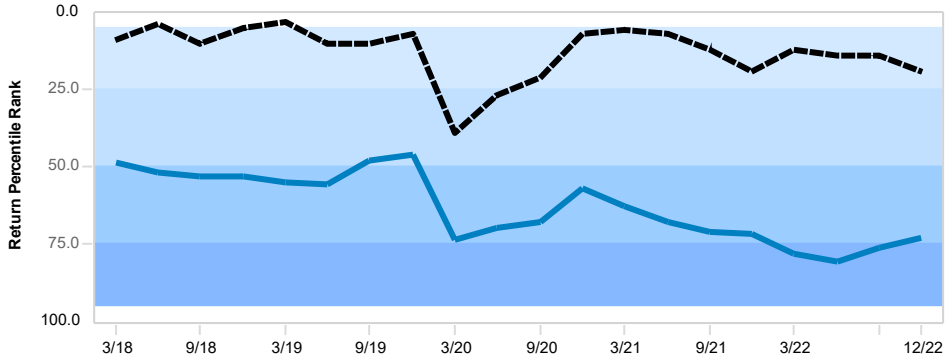


3 Year Rolling Percentile Rank IM Mixed-Asset Target Alloc Aggressive Growth (MF)



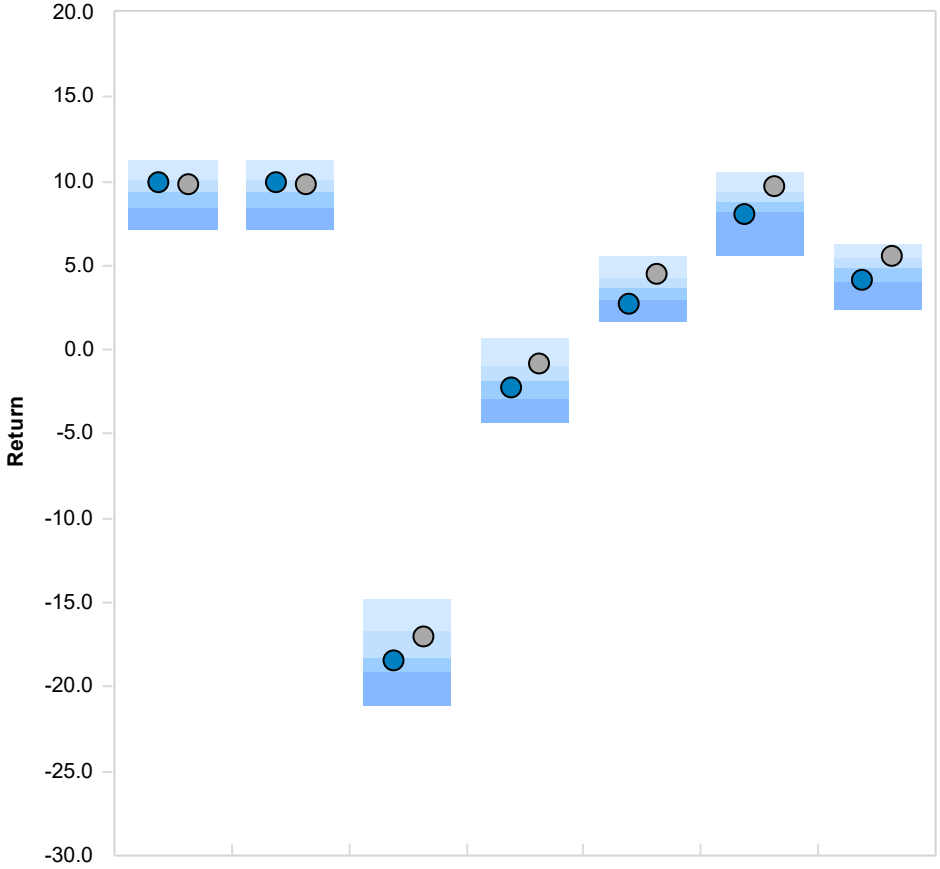
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	20	0 (0%)	5 (25%)	8 (40%)	7 (35%)
Index	20	14 (70%)	5 (25%)	1 (5%)	0 (0%)

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



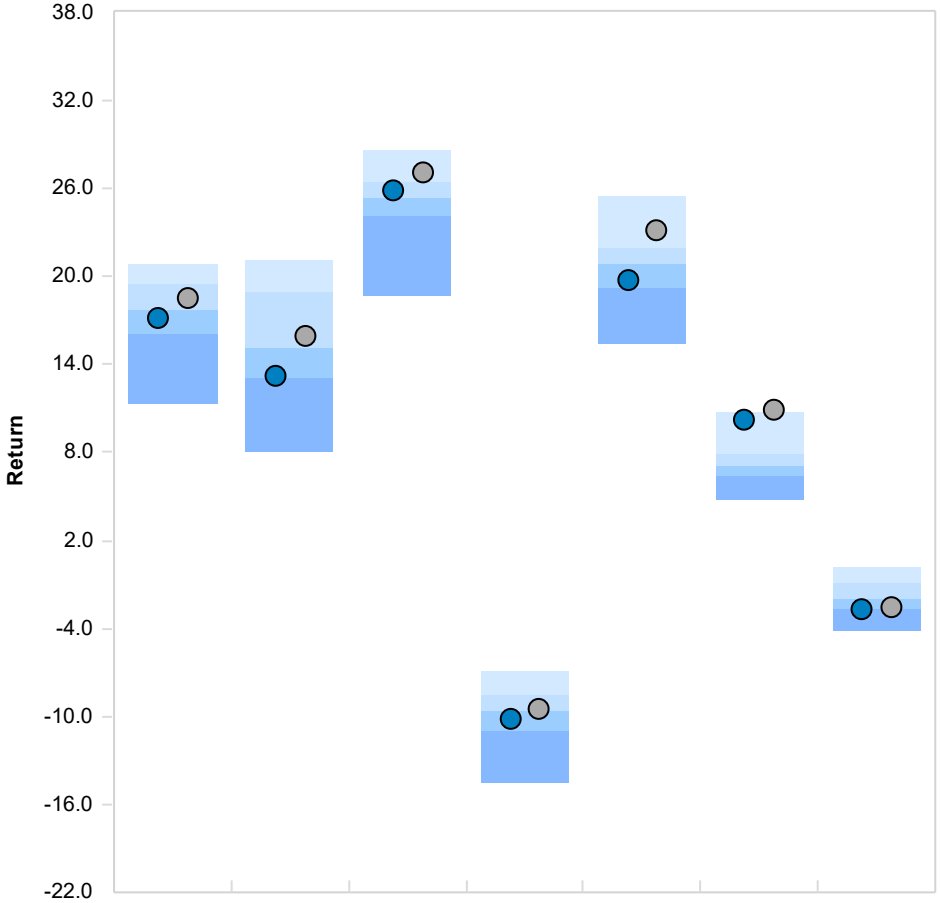
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	20	0 (0%)	3 (15%)	14 (70%)	3 (15%)
Index	20	18 (90%)	2 (10%)	0 (0%)	0 (0%)

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



	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR
Investment	9.99 (32)	9.99 (32)	-18.42 (55)	-2.24 (57)	2.68 (86)	8.05 (78)	4.14 (73)
Index	9.87 (36)	9.87 (36)	-16.96 (30)	-0.78 (24)	4.52 (17)	9.77 (11)	5.62 (19)
Median	9.36	9.36	-18.25	-1.82	3.70	8.79	4.84

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



	2021	2020	2019	2018	2017	2016	2015
Investment	17.15 (57)	13.28 (73)	25.90 (39)	-10.16 (62)	19.76 (71)	10.21 (10)	-2.63 (73)
Index	18.56 (38)	15.99 (40)	27.13 (16)	-9.45 (46)	23.20 (12)	10.98 (4)	-2.56 (71)
Median	17.77	15.17	25.37	-9.67	20.84	7.16	-1.94

Comparative Performance

	1 Qtr Ending Sep-2022	1 Qtr Ending Jun-2022	1 Qtr Ending Mar-2022	1 Qtr Ending Dec-2021	1 Qtr Ending Sep-2021	1 Qtr Ending Jun-2021
Investment	-5.94 (24)	-15.54 (81)	-6.64 (65)	5.90 (52)	-1.48 (66)	6.52 (56)
Index	-5.86 (21)	-15.43 (74)	-5.08 (18)	5.16 (80)	-1.16 (46)	6.99 (38)
Median	-6.20	-14.93	-6.18	5.98	-1.28	6.59

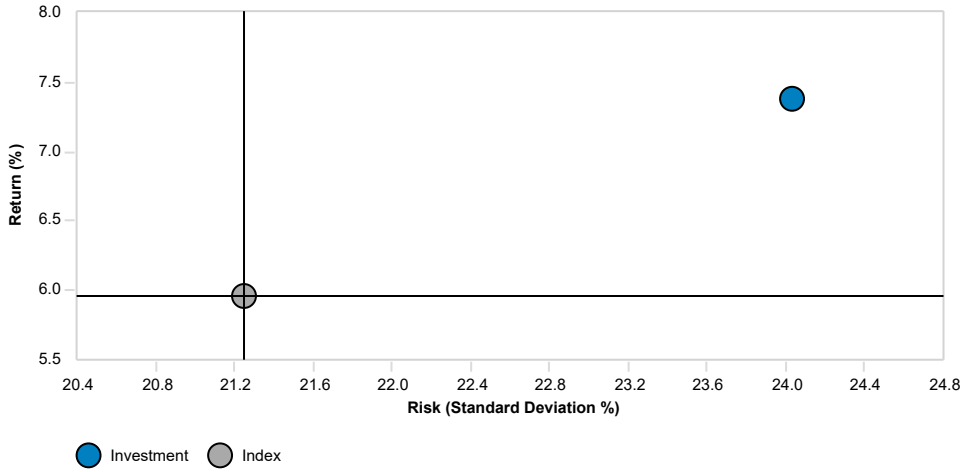
Historical Statistics 3 Years

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	7.39	24.03	0.39	106.77	9	101.05	3
Index	5.96	21.25	0.35	100.00	7	100.00	5

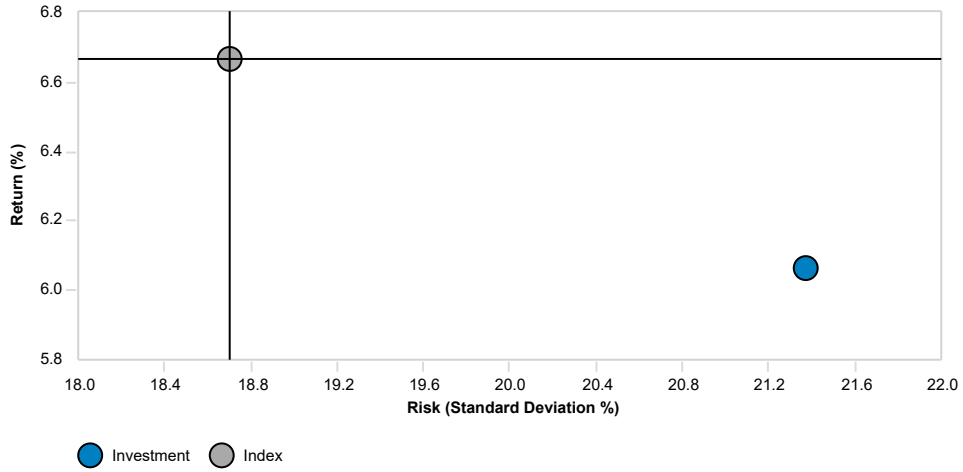
Historical Statistics 5 Years

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	6.06	21.37	0.32	105.77	15	108.08	5
Index	6.67	18.70	0.37	100.00	13	100.00	7

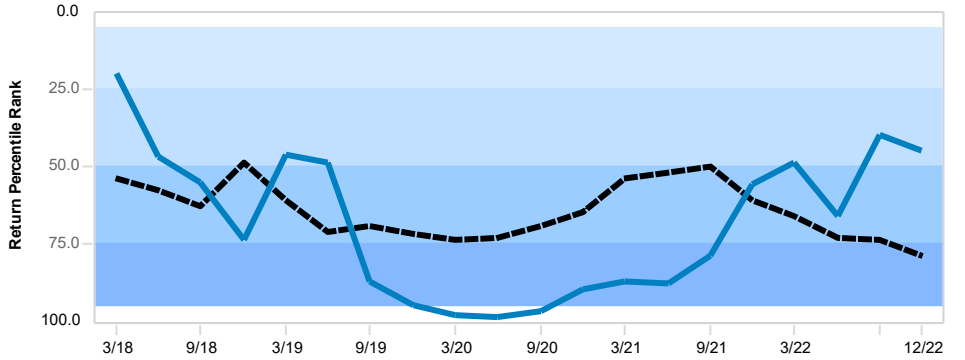
Risk and Return 3 Years



Risk and Return 5 Years

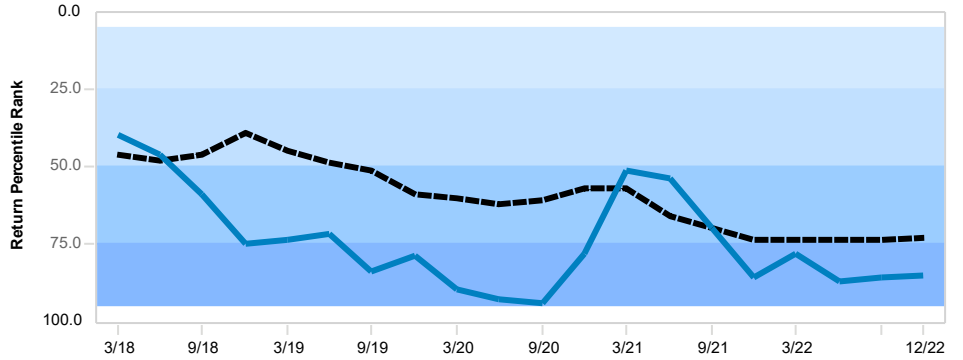


3 Year Rolling Percentile Rank IM U.S. Large Cap Value Equity (MF)



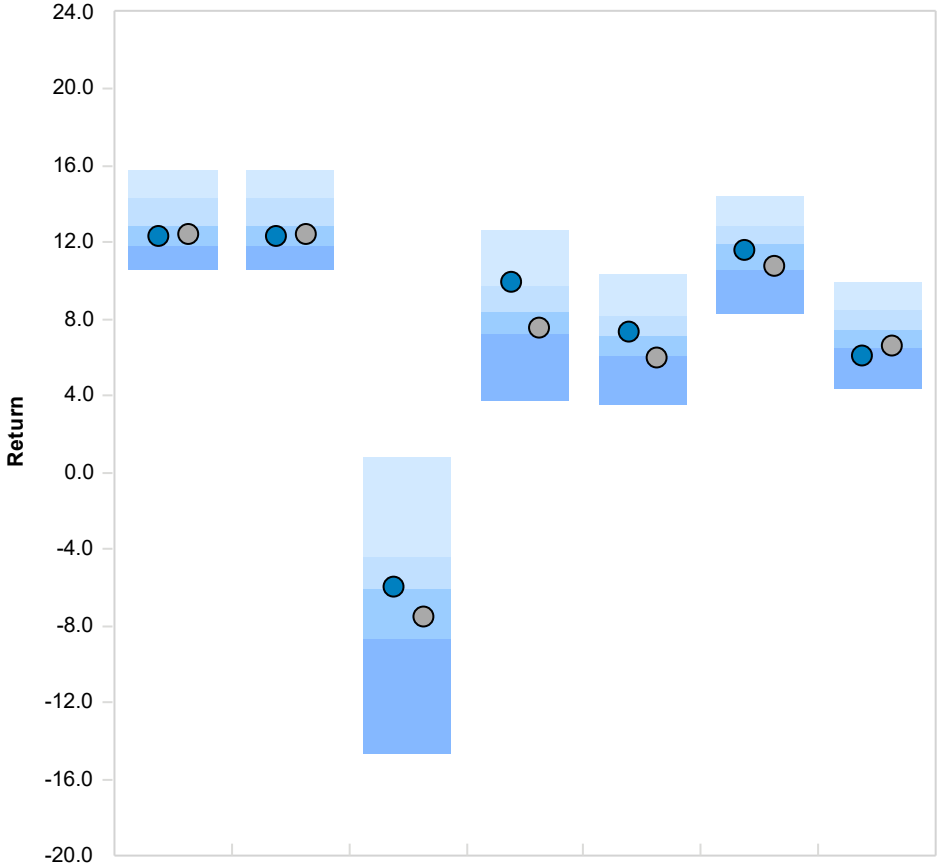
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	20	1 (5%)	6 (30%)	4 (20%)	9 (45%)
Index	20	0 (0%)	2 (10%)	17 (85%)	1 (5%)

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



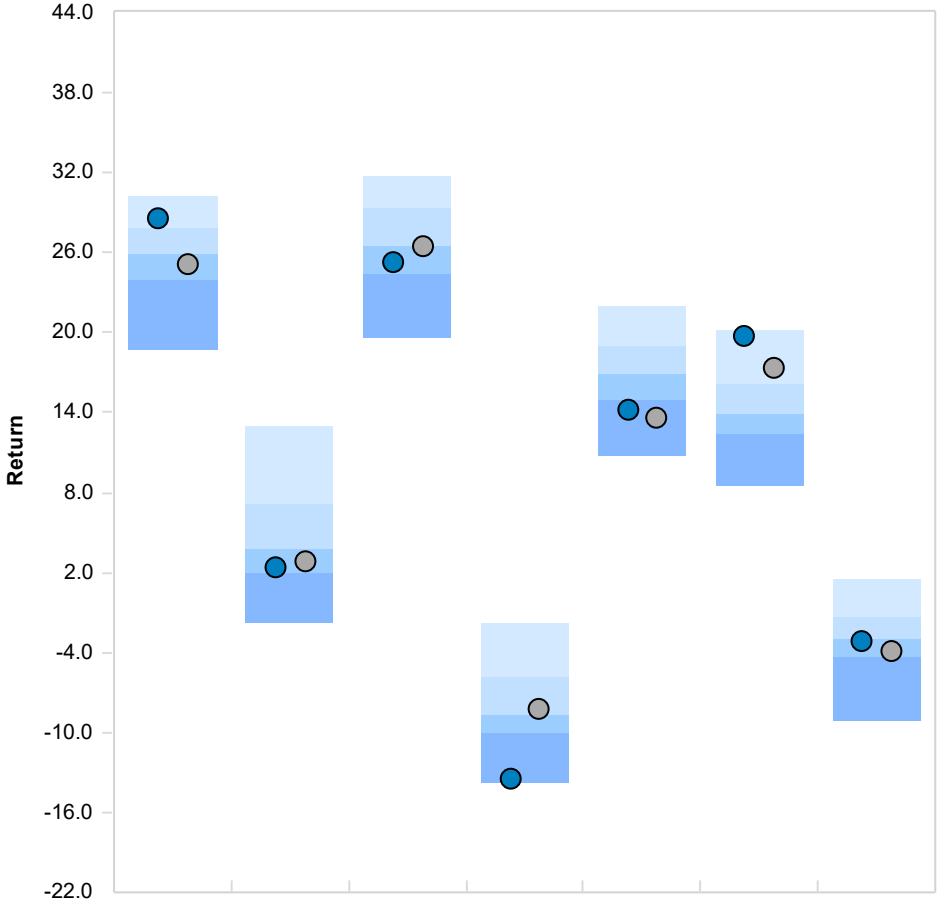
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	20	0 (0%)	2 (10%)	7 (35%)	11 (55%)
Index	20	0 (0%)	6 (30%)	14 (70%)	0 (0%)

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



	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR
Investment	12.33 (61)	12.33 (61)	-5.93 (50)	10.00 (22)	7.39 (45)	11.60 (56)	6.06 (85)
Index	12.42 (59)	12.42 (59)	-7.54 (66)	7.58 (69)	5.96 (79)	10.77 (73)	6.67 (73)
Median	12.88	12.88	-6.10	8.40	7.19	11.89	7.50

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



	2021	2020	2019	2018	2017	2016	2015
Investment	28.63 (16)	2.35 (69)	25.25 (69)	-13.46 (94)	14.21 (79)	19.81 (6)	-3.15 (54)
Index	25.16 (63)	2.80 (61)	26.54 (50)	-8.27 (45)	13.66 (82)	17.34 (17)	-3.83 (69)
Median	25.96	3.82	26.50	-8.61	16.95	13.85	-3.00

Comparative Performance

	1 Qtr Ending Sep-2022	1 Qtr Ending Jun-2022	1 Qtr Ending Mar-2022	1 Qtr Ending Dec-2021	1 Qtr Ending Sep-2021	1 Qtr Ending Jun-2021
Investment	-3.63 (7)	-14.02 (84)	1.07 (13)	7.32 (76)	0.32 (16)	5.16 (59)
Index	-5.62 (52)	-12.21 (63)	-0.74 (57)	7.77 (63)	-0.78 (68)	5.21 (57)
Median	-5.57	-11.35	-0.58	8.32	-0.43	5.39

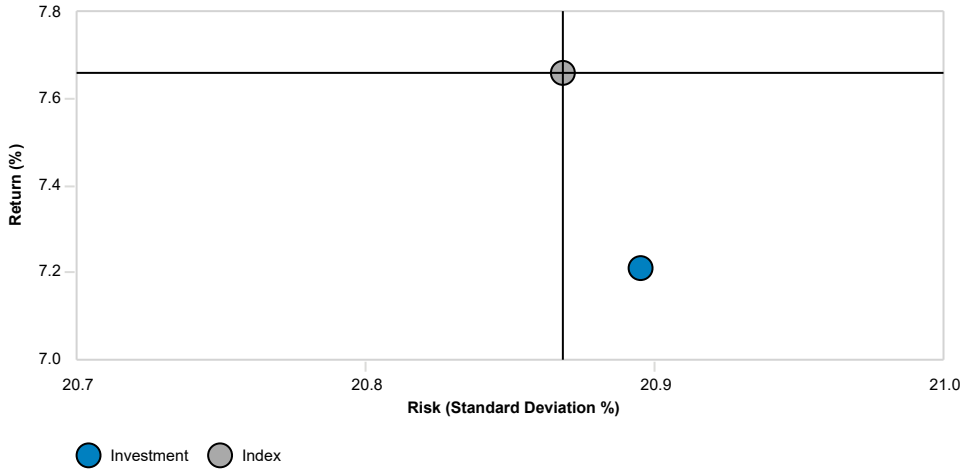
Historical Statistics 3 Years

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	7.21	20.90	0.40	99.40	8	100.77	4
Index	7.66	20.87	0.42	100.00	8	100.00	4

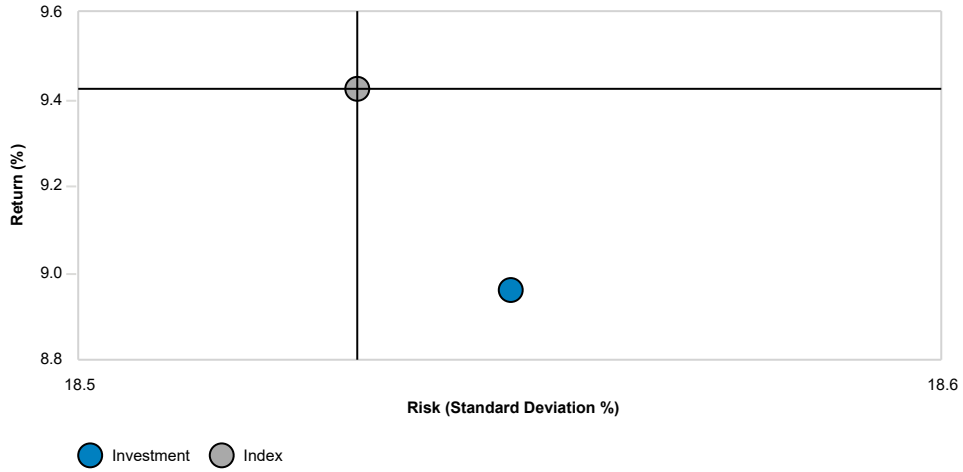
Historical Statistics 5 Years

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	8.96	18.55	0.49	99.18	14	100.74	6
Index	9.42	18.53	0.51	100.00	14	100.00	6

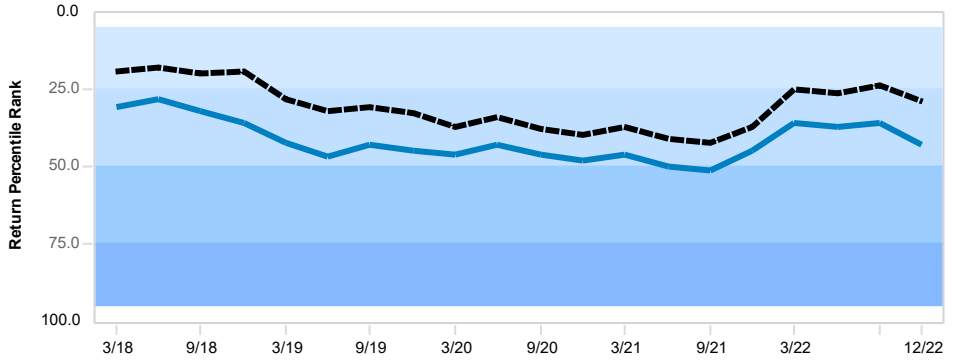
Risk and Return 3 Years



Risk and Return 5 Years

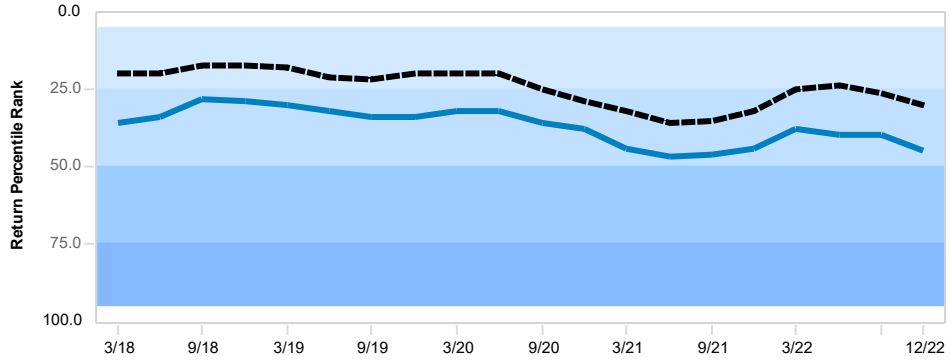


3 Year Rolling Percentile Rank IM U.S. Large Cap Core Equity (MF)



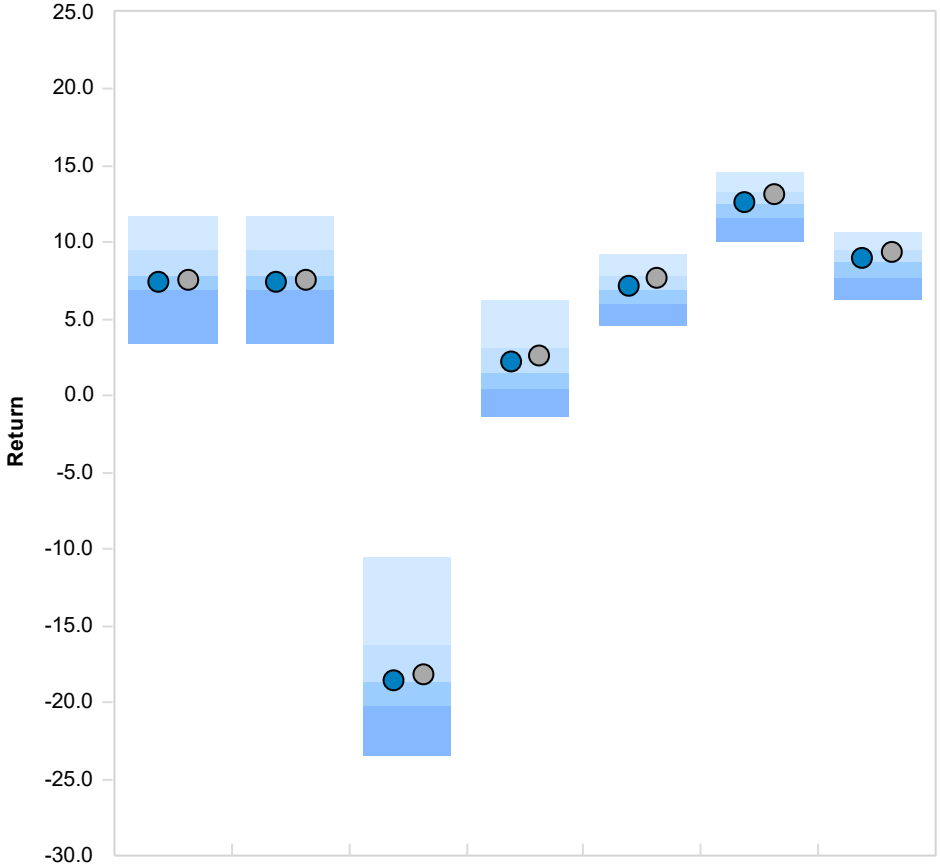
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	20	0 (0%)	19 (95%)	1 (5%)	0 (0%)
Index	20	6 (30%)	14 (70%)	0 (0%)	0 (0%)

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



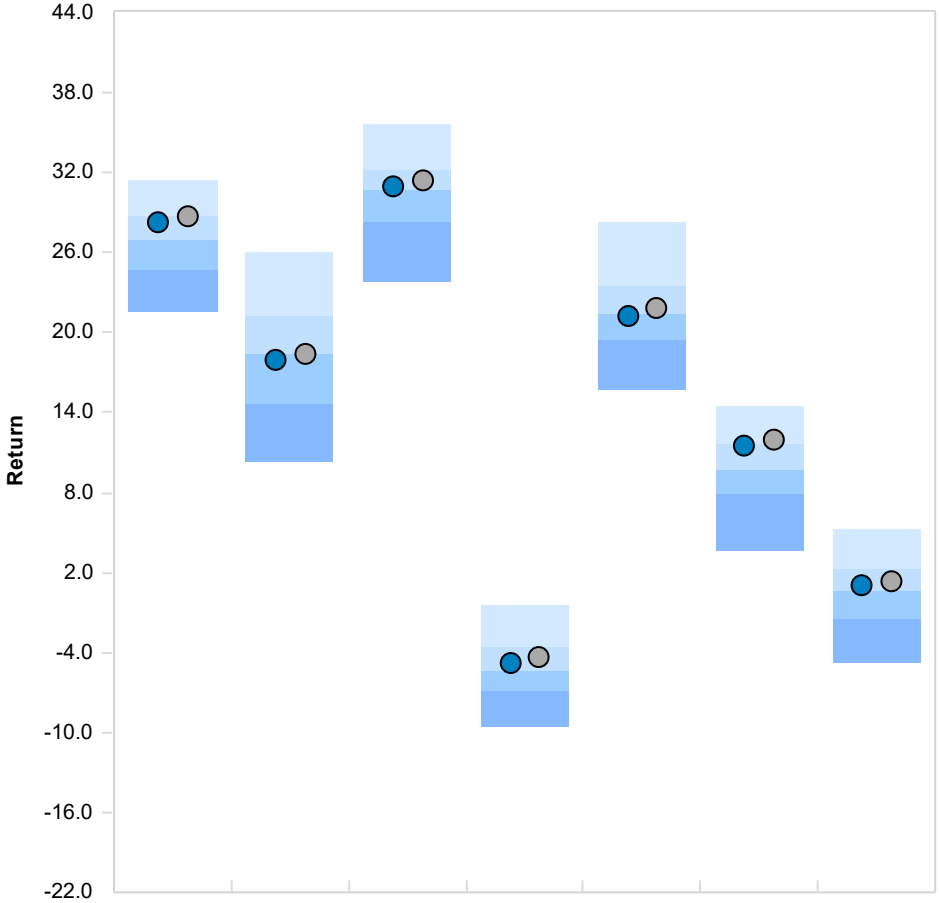
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	20	0 (0%)	20 (100%)	0 (0%)	0 (0%)
Index	20	13 (65%)	7 (35%)	0 (0%)	0 (0%)

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



	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR
Investment	7.40 (59)	7.40 (59)	-18.50 (48)	2.22 (38)	7.21 (43)	12.71 (44)	8.96 (45)
Index	7.56 (57)	7.56 (57)	-18.11 (45)	2.66 (33)	7.66 (29)	13.18 (27)	9.42 (30)
Median	7.83	7.83	-18.72	1.47	6.95	12.51	8.77

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



	2021	2020	2019	2018	2017	2016	2015
Investment	28.21 (30)	17.94 (54)	30.93 (48)	-4.81 (38)	21.31 (53)	11.53 (27)	0.99 (42)
Index	28.71 (25)	18.40 (50)	31.49 (36)	-4.38 (32)	21.83 (45)	11.96 (20)	1.38 (35)
Median	26.95	18.39	30.64	-5.45	21.45	9.70	0.53

Comparative Performance

	1 Qtr Ending Sep-2022	1 Qtr Ending Jun-2022	1 Qtr Ending Mar-2022	1 Qtr Ending Dec-2021	1 Qtr Ending Sep-2021	1 Qtr Ending Jun-2021
Investment	-4.96 (44)	-16.19 (60)	-4.73 (32)	10.92 (31)	0.48 (37)	8.43 (45)
Index	-4.88 (42)	-16.10 (58)	-4.60 (26)	11.03 (29)	0.58 (32)	8.55 (40)
Median	-5.16	-15.79	-5.62	10.18	0.26	8.32

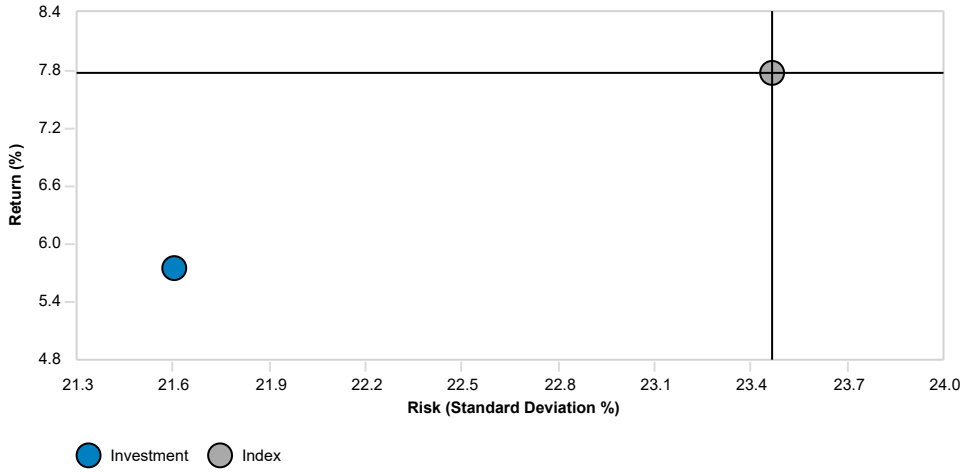
Historical Statistics 3 Years

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	5.76	21.61	0.33	87.84	8	91.43	4
Index	7.79	23.47	0.40	100.00	8	100.00	4

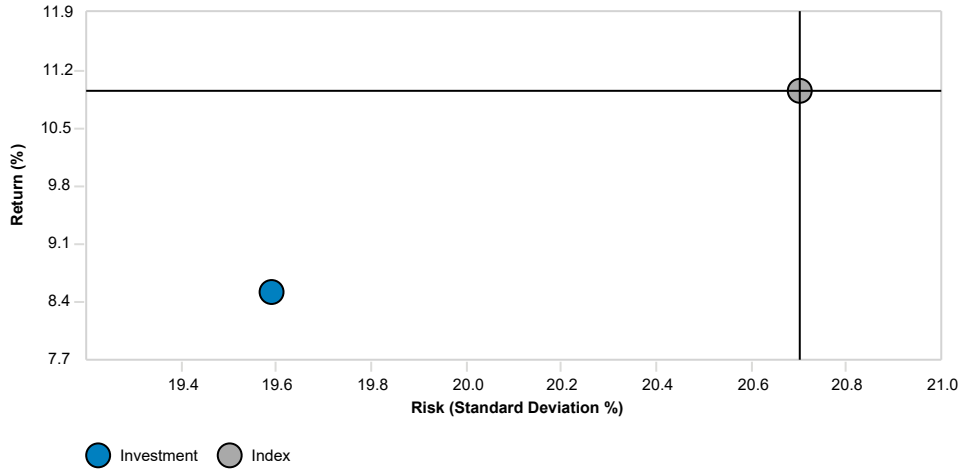
Historical Statistics 5 Years

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	8.52	19.59	0.45	89.55	14	94.36	6
Index	10.96	20.70	0.55	100.00	15	100.00	5

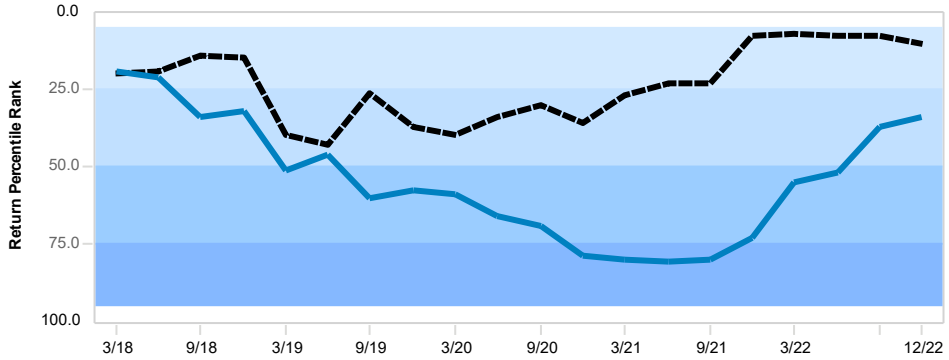
Risk and Return 3 Years



Risk and Return 5 Years

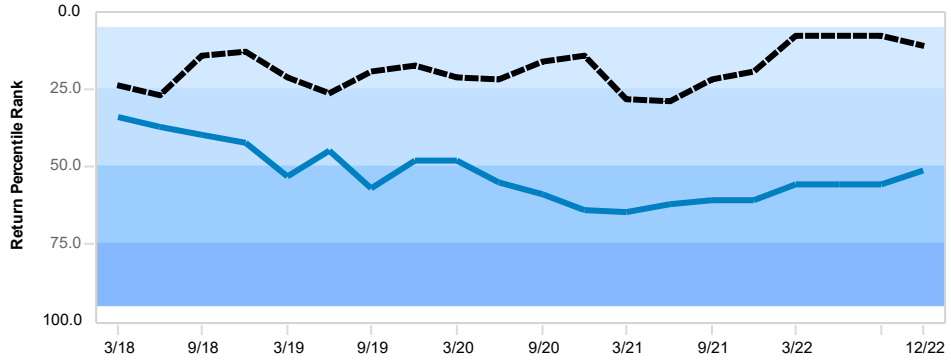


3 Year Rolling Percentile Rank IM U.S. Large Cap Growth Equity (MF)



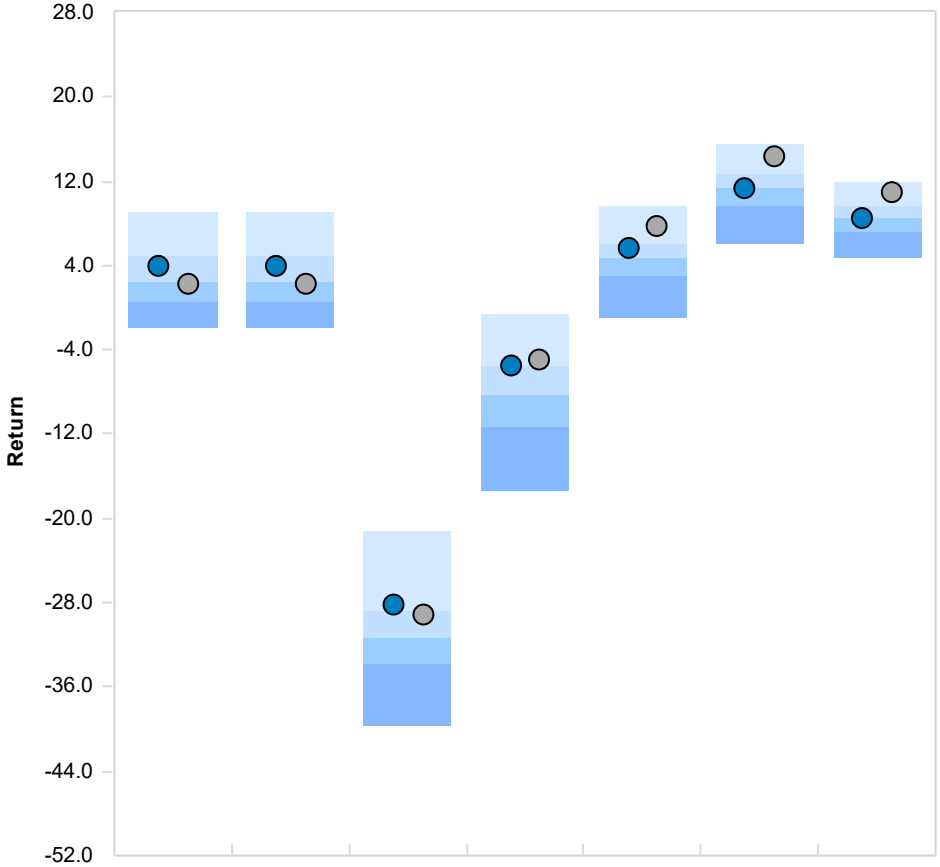
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	20	2 (10%)	5 (25%)	9 (45%)	4 (20%)
Index	20	11 (55%)	9 (45%)	0 (0%)	0 (0%)

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



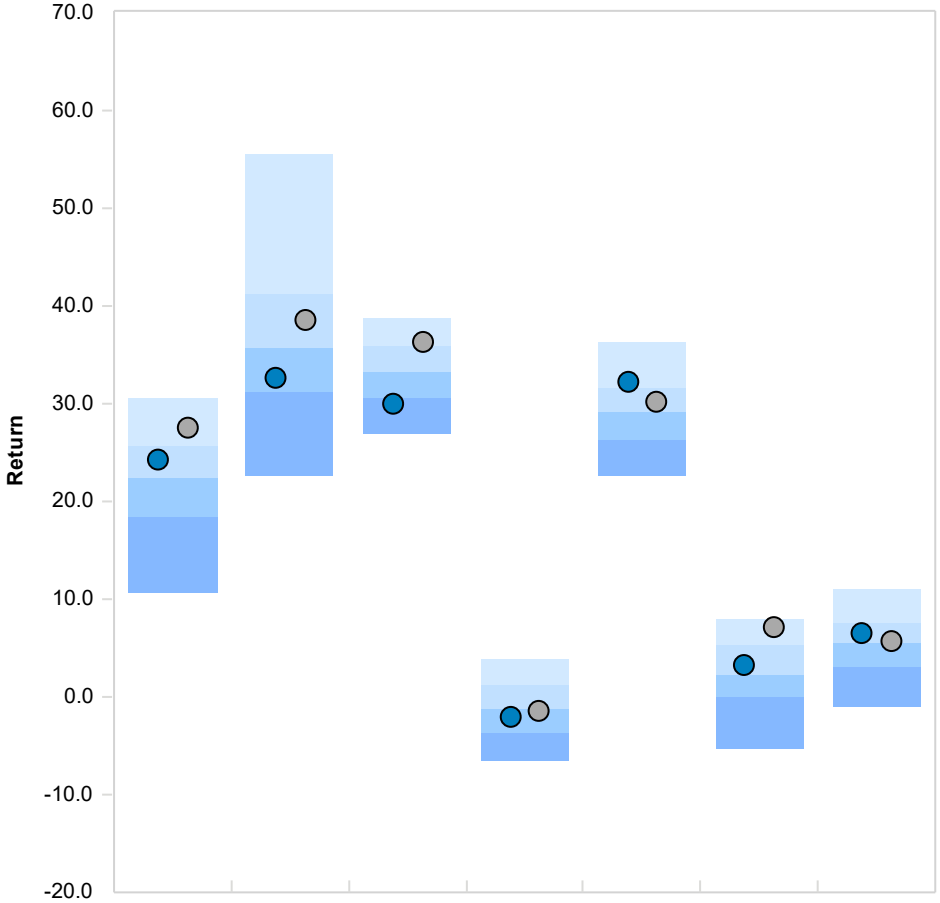
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	20	0 (0%)	7 (35%)	13 (65%)	0 (0%)
Index	20	16 (80%)	4 (20%)	0 (0%)	0 (0%)

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



	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR
Investment	3.89 (32)	3.89 (32)	-28.26 (23)	-5.55 (26)	5.76 (34)	11.35 (50)	8.52 (51)
Index	2.20 (57)	2.20 (57)	-29.14 (27)	-4.91 (21)	7.79 (10)	14.32 (9)	10.96 (11)
Median	2.48	2.48	-31.30	-8.24	4.76	11.32	8.53

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



	2021	2020	2019	2018	2017	2016	2015
Investment	24.36 (32)	32.58 (69)	29.98 (81)	-2.13 (61)	32.21 (22)	3.35 (40)	6.46 (41)
Index	27.60 (17)	38.49 (34)	36.39 (19)	-1.51 (54)	30.21 (39)	7.08 (10)	5.67 (49)
Median	22.39	35.62	33.26	-1.22	29.28	2.21	5.61

Comparative Performance

	1 Qtr Ending Sep-2022	1 Qtr Ending Jun-2022	1 Qtr Ending Mar-2022	1 Qtr Ending Dec-2021	1 Qtr Ending Sep-2021	1 Qtr Ending Jun-2021
Investment	-3.83 (33)	-20.36 (34)	-9.84 (34)	8.26 (42)	0.37 (56)	11.67 (42)
Index	-3.60 (26)	-20.92 (40)	-9.04 (18)	11.64 (11)	1.16 (23)	11.93 (33)
Median	-4.41	-21.94	-10.62	7.91	0.46	11.34

Historical Statistics 3 Years

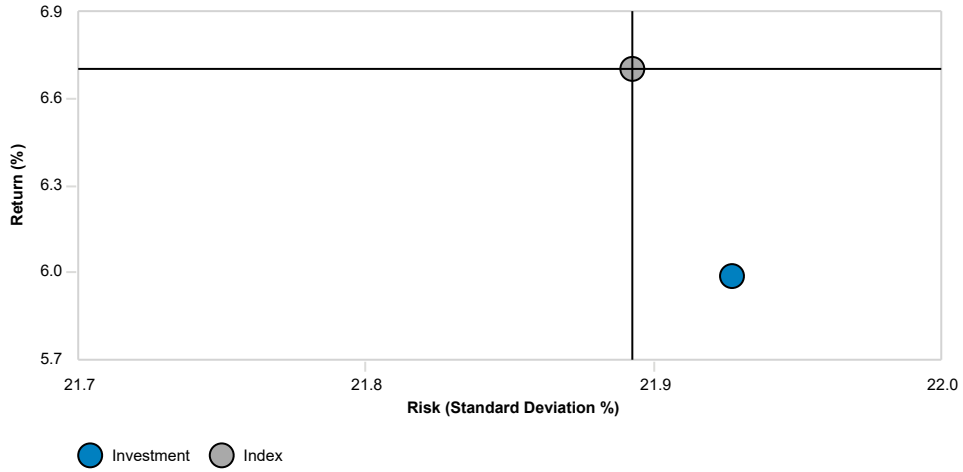
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	6.50	24.57	0.35	99.11	7	101.14	5
Index	7.23	24.51	0.38	100.00	7	100.00	5

Historical Statistics 5 Years

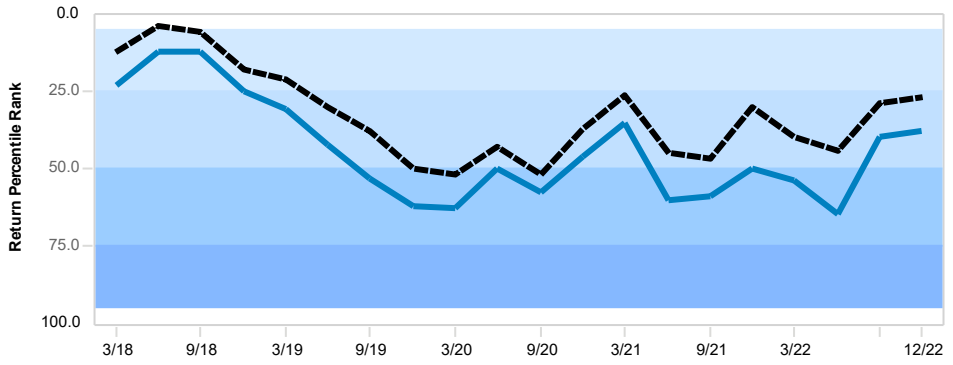
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	5.99	21.93	0.32	98.86	12	101.12	8
Index	6.71	21.89	0.35	100.00	12	100.00	8

Risk and Return 3 Years

Risk and Return 5 Years

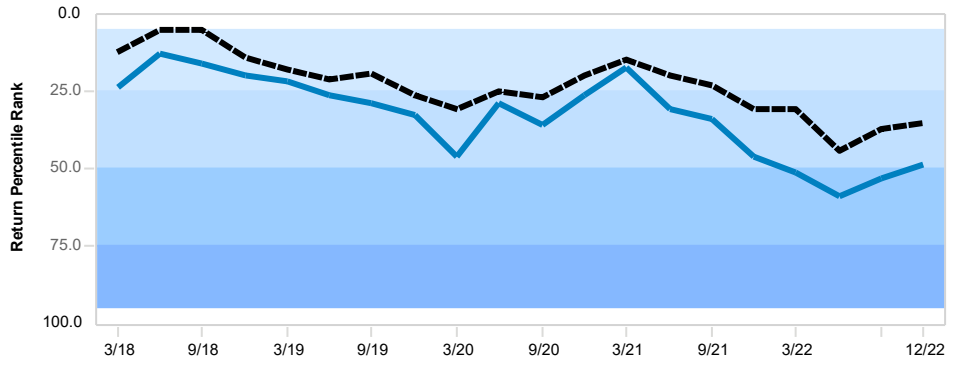


3 Year Rolling Percentile Rank IM U.S. Mid Cap Core Equity (MF)



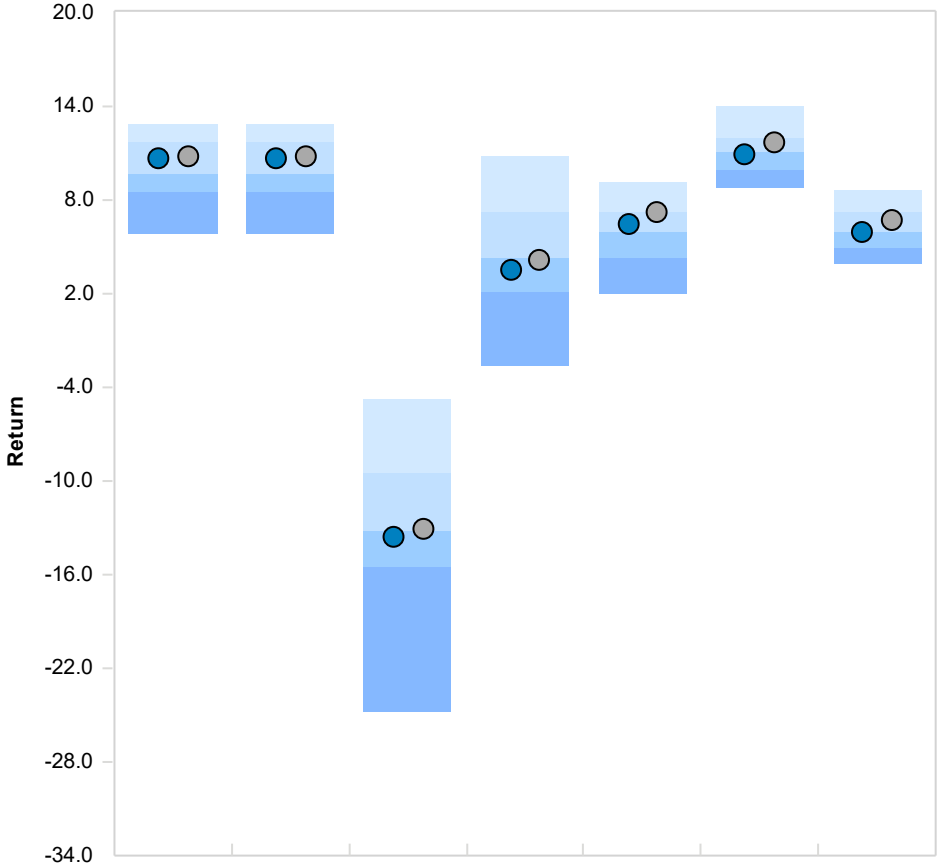
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	20	4 (20%)	8 (40%)	8 (40%)	0 (0%)
Index	20	5 (25%)	13 (65%)	2 (10%)	0 (0%)

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



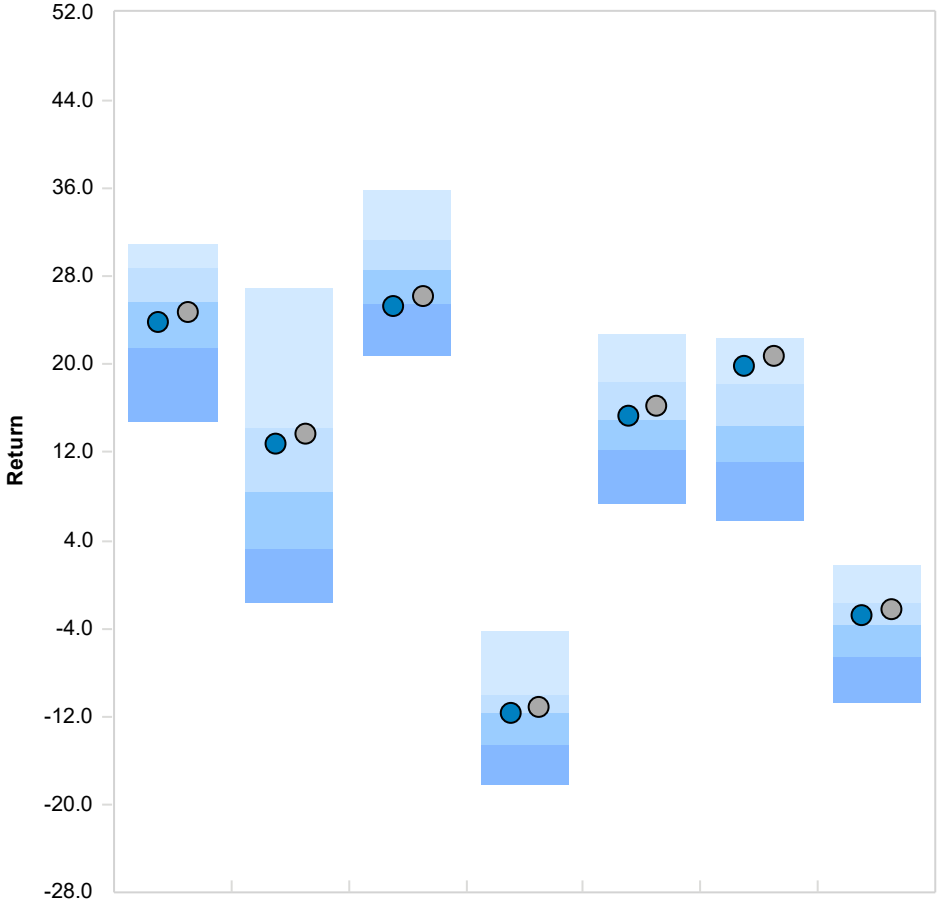
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	20	6 (30%)	11 (55%)	3 (15%)	0 (0%)
Index	20	12 (60%)	8 (40%)	0 (0%)	0 (0%)

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



	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR
Investment	10.67 (35)	10.67 (35)	-13.59 (54)	3.48 (60)	6.50 (38)	10.92 (52)	5.99 (49)
Index	10.78 (35)	10.78 (35)	-13.06 (50)	4.15 (53)	7.23 (27)	11.68 (34)	6.71 (35)
Median	9.63	9.63	-13.21	4.34	5.90	11.01	5.94

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



	2021	2020	2019	2018	2017	2016	2015
Investment	23.93 (63)	12.79 (27)	25.34 (78)	-11.64 (50)	15.44 (45)	19.88 (16)	-2.77 (36)
Index	24.76 (59)	13.66 (26)	26.20 (72)	-11.08 (40)	16.24 (38)	20.74 (12)	-2.18 (29)
Median	25.73	8.44	28.59	-11.64	14.94	14.51	-3.74

Comparative Performance

	1 Qtr Ending Sep-2022	1 Qtr Ending Jun-2022	1 Qtr Ending Mar-2022	1 Qtr Ending Dec-2021	1 Qtr Ending Sep-2021	1 Qtr Ending Jun-2021
Investment	-2.62 (17)	-15.54 (78)	-5.06 (63)	7.82 (61)	-1.96 (79)	3.44 (87)
Index	-2.46 (14)	-15.42 (77)	-4.88 (58)	8.00 (58)	-1.76 (76)	3.64 (84)
Median	-4.32	-13.63	-4.08	8.20	-0.87	5.14

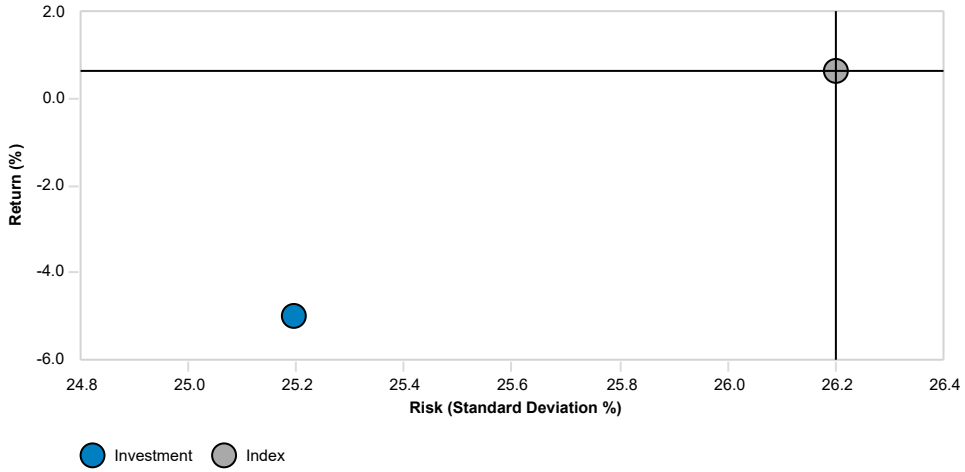
Historical Statistics 3 Years

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	-4.98	25.20	-0.10	83.83	5	100.27	7
Index	0.65	26.20	0.13	100.00	8	100.00	4

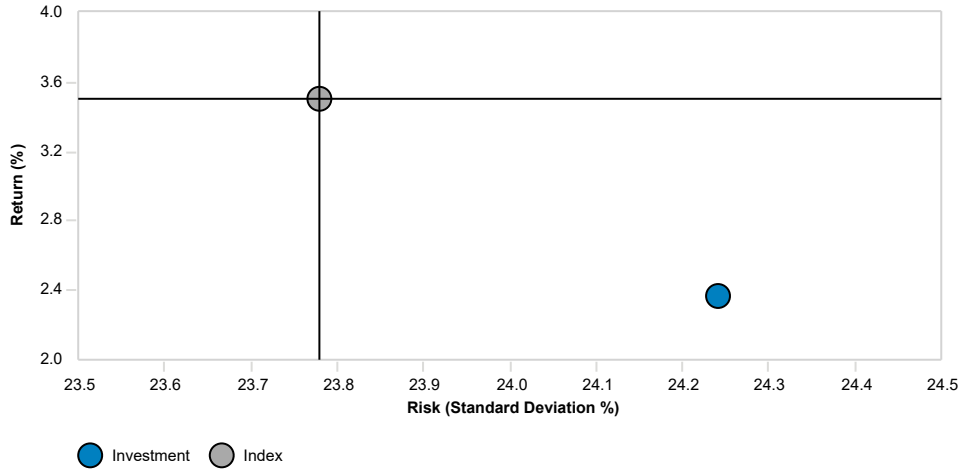
Historical Statistics 5 Years

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	2.36	24.24	0.17	96.40	11	99.23	9
Index	3.51	23.78	0.21	100.00	14	100.00	6

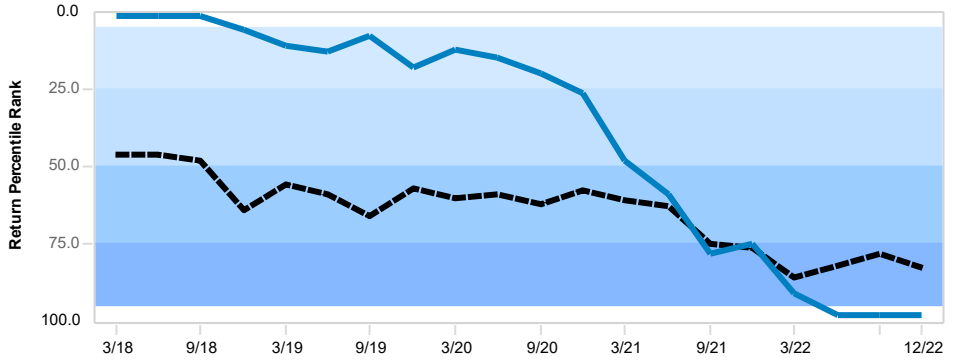
Risk and Return 3 Years



Risk and Return 5 Years

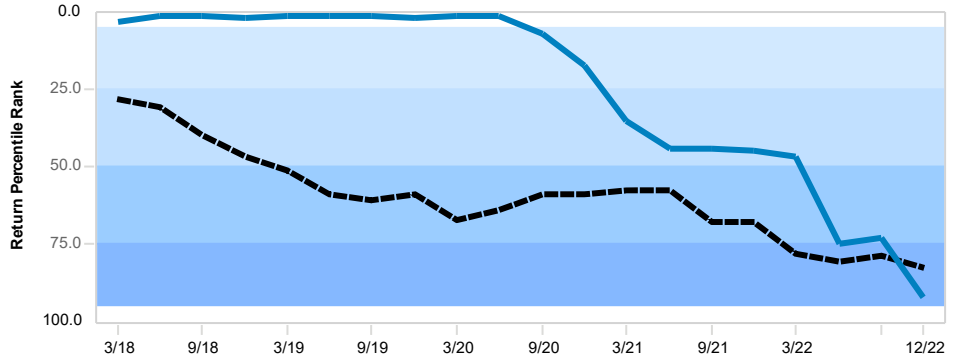


3 Year Rolling Percentile Rank IM U.S. Small Cap Growth Equity (MF)



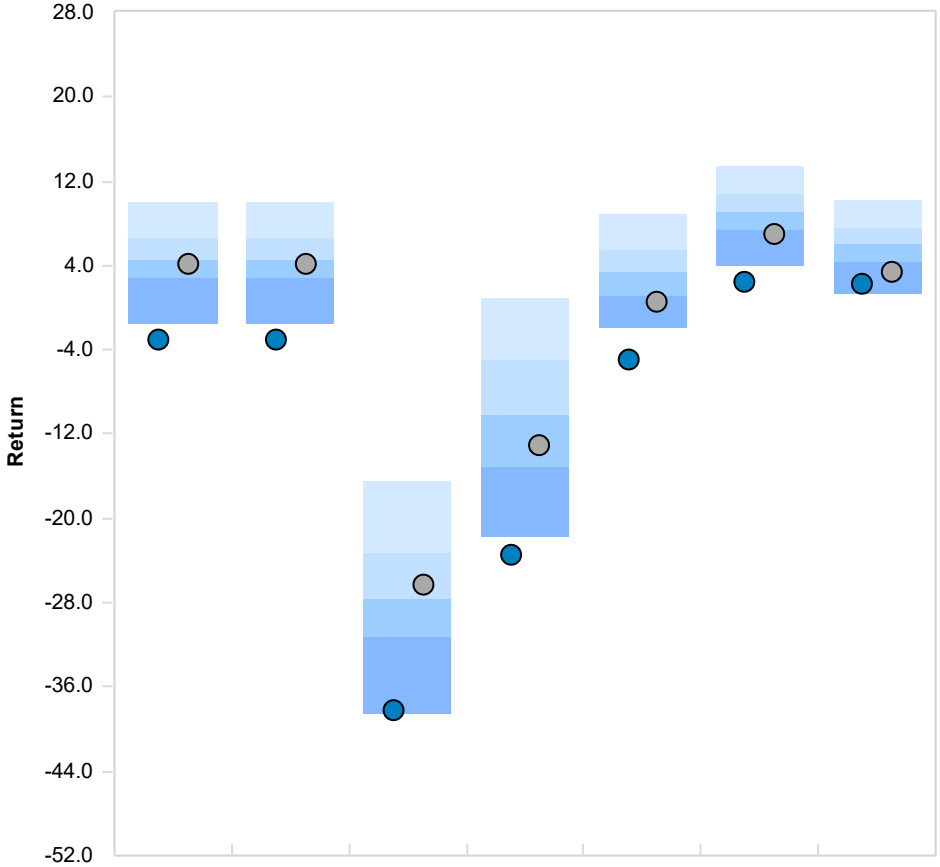
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	20	11 (55%)	2 (10%)	2 (10%)	5 (25%)
Index	20	0 (0%)	3 (15%)	12 (60%)	5 (25%)

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



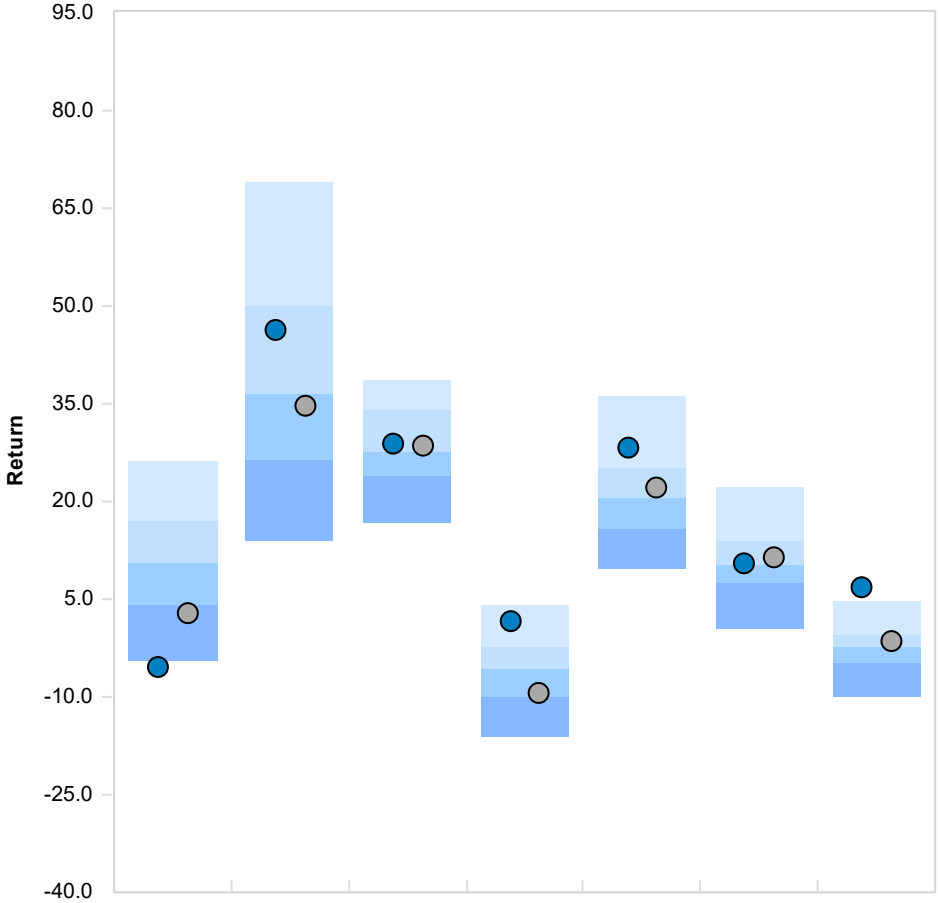
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	20	12 (60%)	5 (25%)	2 (10%)	1 (5%)
Index	20	0 (0%)	4 (20%)	12 (60%)	4 (20%)

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



	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR
Investment	-3.07 (99)	-3.07 (99)	-38.12 (95)	-23.47 (96)	-4.98 (98)	2.56 (97)	2.36 (92)
Index	4.13 (56)	4.13 (56)	-26.36 (44)	-12.98 (66)	0.65 (83)	6.98 (81)	3.51 (83)
Median	4.46	4.46	-27.54	-10.28	3.48	9.17	6.11

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



	2021	2020	2019	2018	2017	2016	2015
Investment	-5.35 (96)	46.48 (29)	28.93 (44)	1.59 (11)	28.20 (15)	10.40 (50)	6.94 (3)
Index	2.83 (82)	34.63 (56)	28.48 (47)	-9.31 (73)	22.17 (43)	11.32 (43)	-1.38 (34)
Median	10.53	36.55	27.69	-5.57	20.72	10.11	-2.35

Comparative Performance

	1 Qtr Ending Sep-2022	1 Qtr Ending Jun-2022	1 Qtr Ending Mar-2022	1 Qtr Ending Dec-2021	1 Qtr Ending Sep-2021	1 Qtr Ending Jun-2021
Investment	-3.40 (79)	-23.21 (86)	-13.94 (60)	0.07 (72)	-2.80 (65)	4.43 (56)
Index	0.24 (24)	-19.25 (52)	-12.63 (47)	0.01 (73)	-5.65 (91)	3.92 (64)
Median	-1.36	-19.15	-12.81	2.47	-1.97	4.71

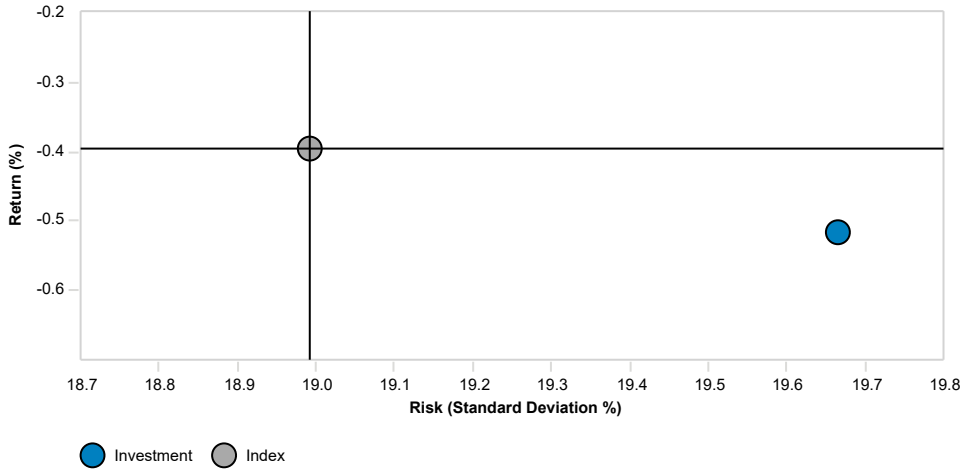
Historical Statistics 3 Years

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	-0.52	19.67	0.04	98.75	7	98.64	5
Index	-0.40	18.99	0.04	100.00	6	100.00	6

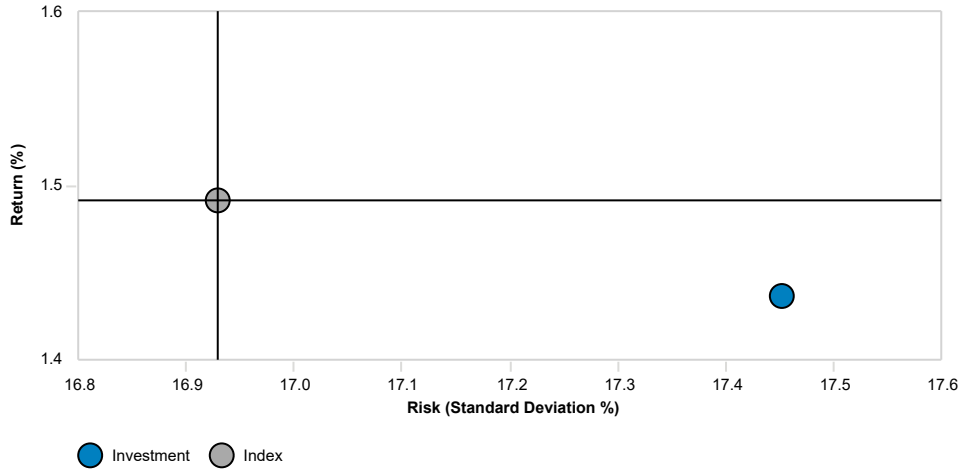
Historical Statistics 5 Years

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	1.44	17.45	0.10	99.57	11	99.34	9
Index	1.49	16.93	0.10	100.00	9	100.00	11

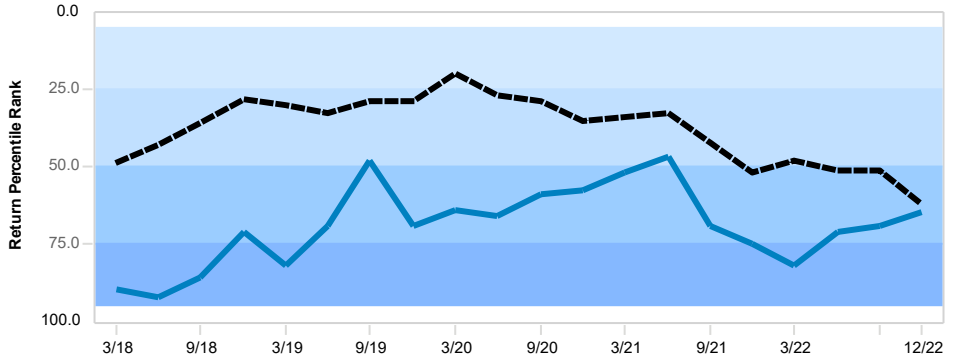
Risk and Return 3 Years



Risk and Return 5 Years

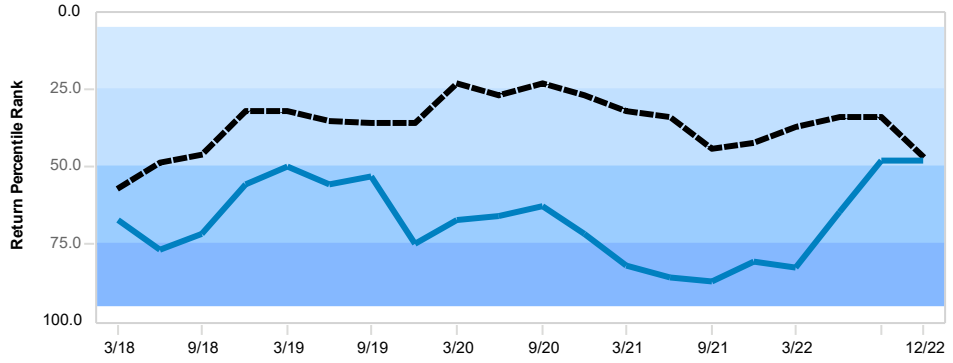


3 Year Rolling Percentile Rank IM International Growth Equity (MF)



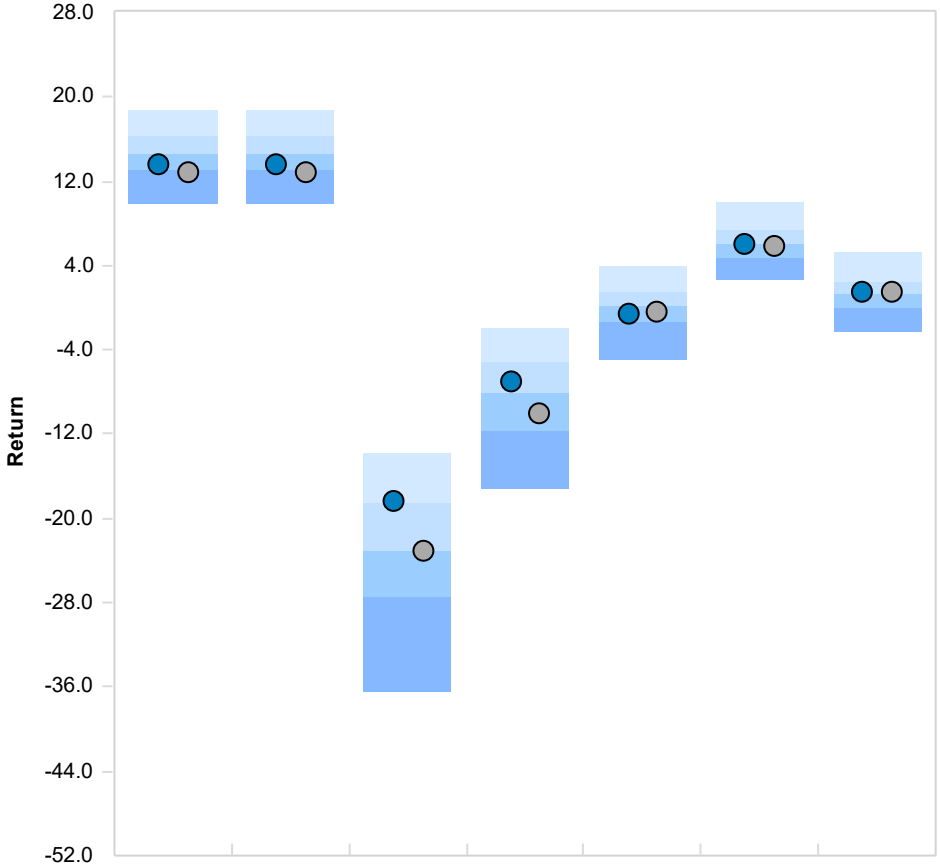
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	20	0 (0%)	2 (10%)	13 (65%)	5 (25%)
Index	20	1 (5%)	15 (75%)	4 (20%)	0 (0%)

5 Year Rolling Percentile Rank IM International Growth Equity (MF)



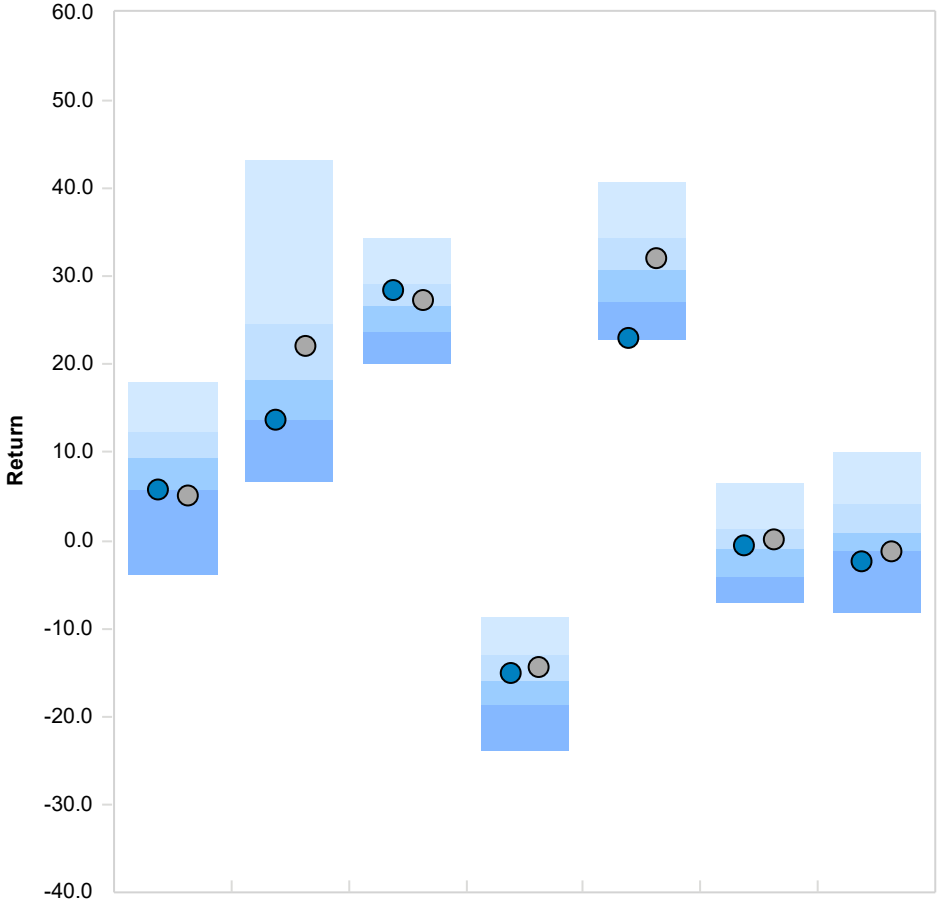
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	20	0 (0%)	3 (15%)	11 (55%)	6 (30%)
Index	20	2 (10%)	17 (85%)	1 (5%)	0 (0%)

Peer Group Analysis - IM International Growth Equity (MF)



	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR
Investment	13.63 (66)	13.63 (66)	-18.24 (24)	-6.96 (43)	-0.52 (65)	6.04 (51)	1.44 (48)
Index	12.89 (77)	12.89 (77)	-23.05 (51)	-10.07 (63)	-0.40 (62)	5.91 (55)	1.49 (47)
Median	14.52	14.52	-23.02	-8.10	0.17	6.09	1.35

Peer Group Analysis - IM International Growth Equity (MF)



	2021	2020	2019	2018	2017	2016	2015
Investment	5.87 (75)	13.75 (75)	28.42 (30)	-15.06 (42)	23.02 (95)	-0.53 (46)	-2.29 (83)
Index	5.09 (78)	22.20 (35)	27.34 (43)	-14.43 (35)	32.01 (39)	0.12 (38)	-1.25 (75)
Median	9.40	18.34	26.63	-15.85	30.68	-1.01	0.90

Comparative Performance

	1 Qtr Ending Sep-2022	1 Qtr Ending Jun-2022	1 Qtr Ending Mar-2022	1 Qtr Ending Dec-2021	1 Qtr Ending Sep-2021	1 Qtr Ending Jun-2021
Investment	-8.34 (16)	-12.36 (13)	-10.43 (39)	4.20 (18)	-4.55 (93)	3.35 (97)
Index	-9.37 (39)	-15.71 (53)	-10.78 (45)	2.37 (51)	-3.62 (86)	6.60 (47)
Median	-9.66	-15.47	-11.51	2.48	-1.08	6.39

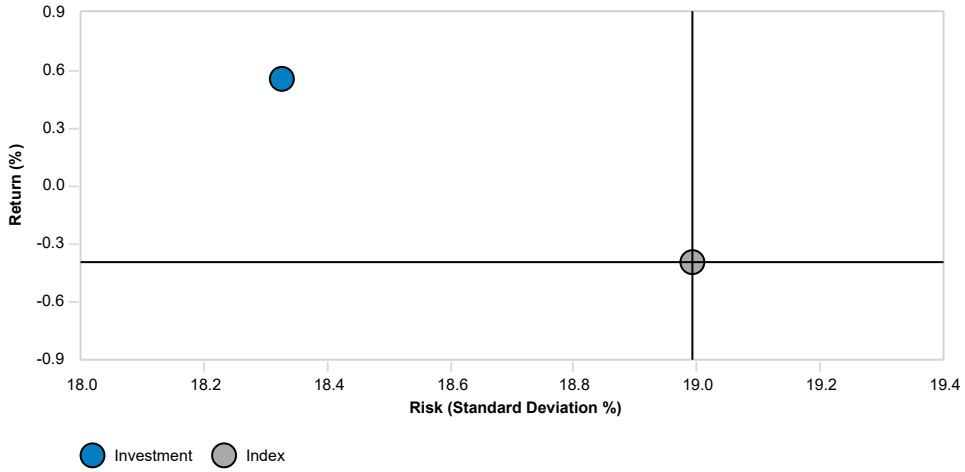
Historical Statistics 3 Years

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	0.56	18.33	0.08	94.57	6	91.02	6
Index	-0.40	18.99	0.04	100.00	6	100.00	6

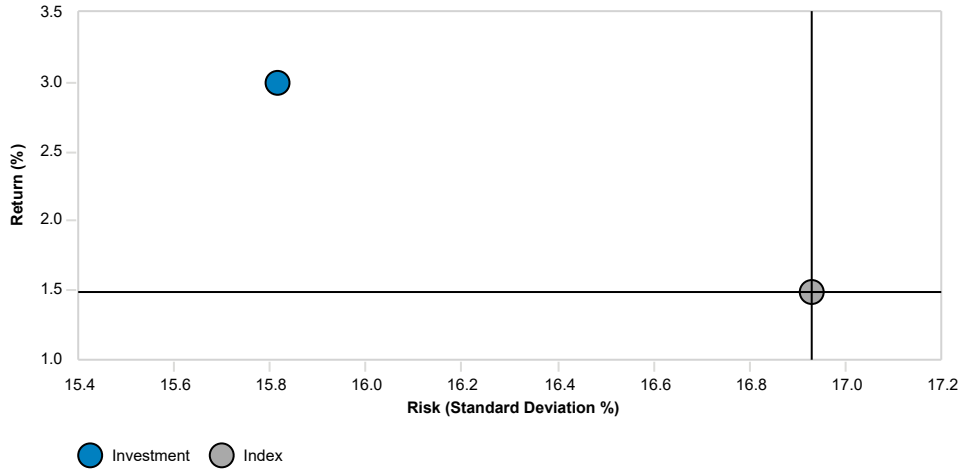
Historical Statistics 5 Years

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	3.00	15.82	0.19	91.64	12	84.45	8
Index	1.49	16.93	0.10	100.00	9	100.00	11

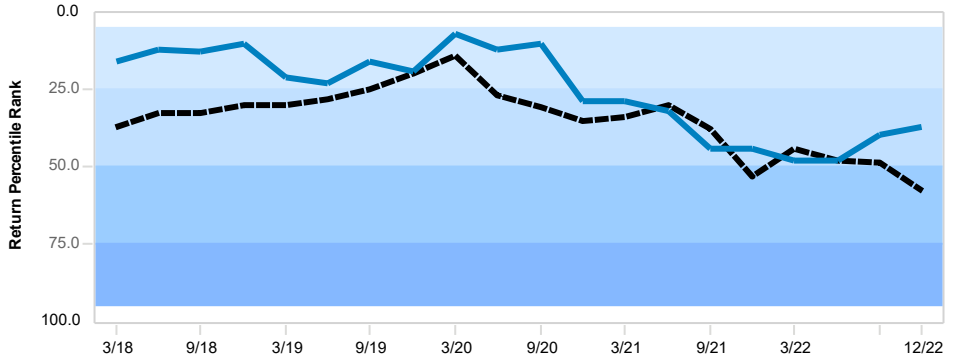
Risk and Return 3 Years



Risk and Return 5 Years

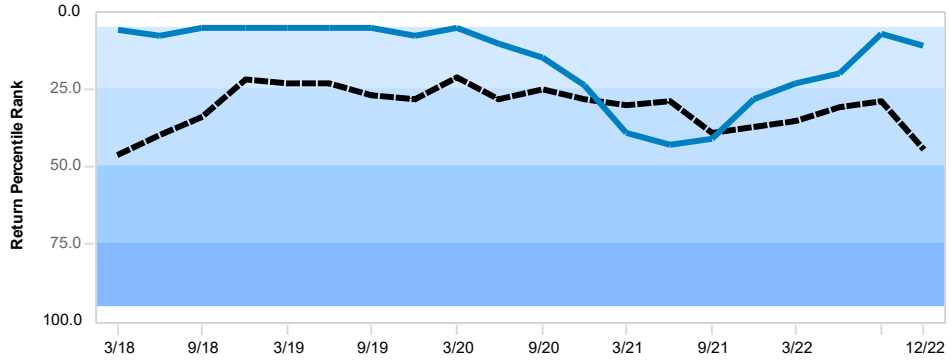


3 Year Rolling Percentile Rank IM International Multi-Cap Growth Equity (MF)



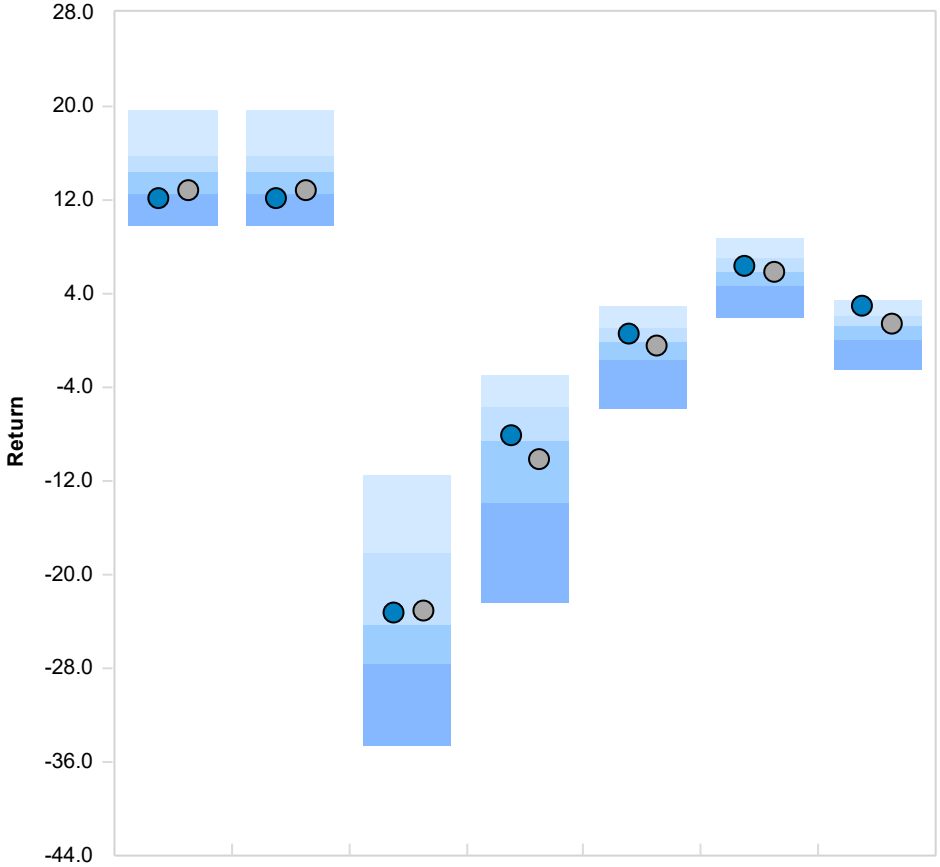
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	20	11 (55%)	9 (45%)	0 (0%)	0 (0%)
Index	20	3 (15%)	15 (75%)	2 (10%)	0 (0%)

5 Year Rolling Percentile Rank IM International Multi-Cap Growth Equity (MF)



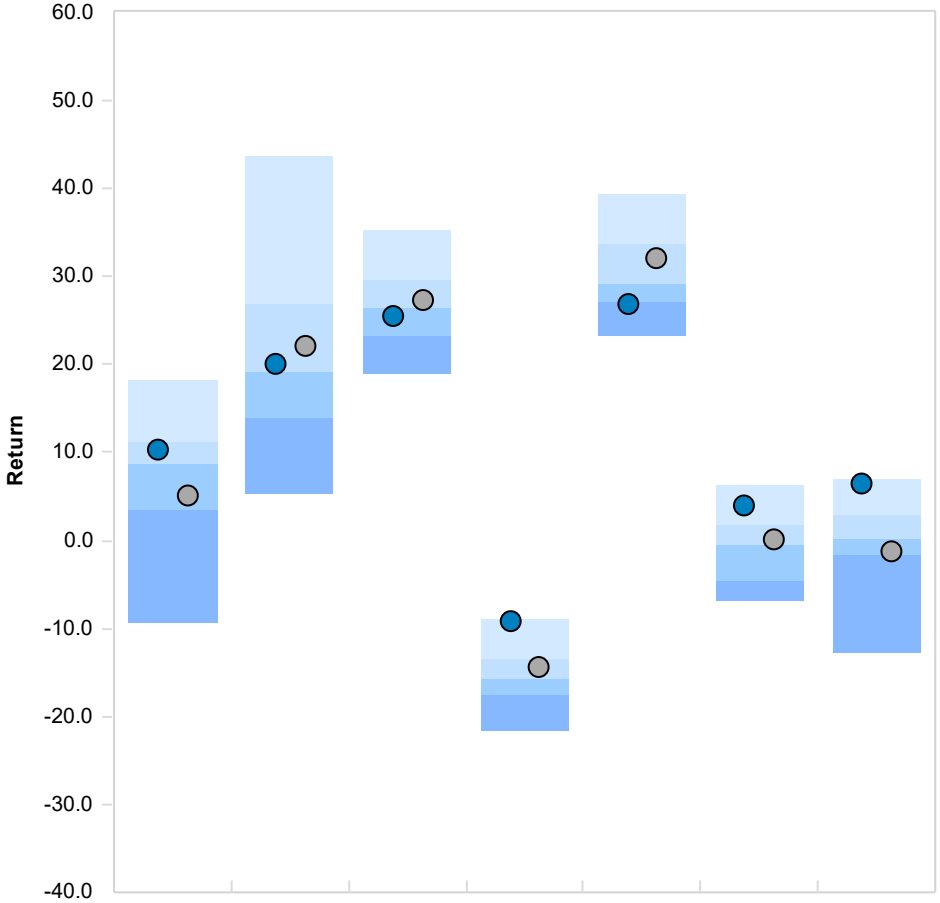
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	20	16 (80%)	4 (20%)	0 (0%)	0 (0%)
Index	20	5 (25%)	15 (75%)	0 (0%)	0 (0%)

Peer Group Analysis - IM International Multi-Cap Growth Equity (MF)



	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR
Investment	12.23 (82)	12.23 (82)	-23.28 (47)	-8.00 (43)	0.56 (37)	6.30 (41)	3.00 (11)
Index	12.89 (72)	12.89 (72)	-23.05 (45)	-10.07 (58)	-0.40 (58)	5.91 (51)	1.49 (44)
Median	14.34	14.34	-24.22	-8.62	-0.11	5.92	1.20

Peer Group Analysis - IM International Multi-Cap Growth Equity (MF)



	2021	2020	2019	2018	2017	2016	2015
Investment	10.31 (38)	20.15 (46)	25.56 (58)	-9.22 (8)	26.80 (77)	3.96 (15)	6.46 (7)
Index	5.09 (72)	22.20 (34)	27.34 (41)	-14.43 (37)	32.01 (32)	0.12 (40)	-1.25 (72)
Median	8.81	19.24	26.39	-15.75	29.11	-0.61	0.16

Comparative Performance

	1 Qtr Ending Sep-2022	1 Qtr Ending Jun-2022	1 Qtr Ending Mar-2022	1 Qtr Ending Dec-2021	1 Qtr Ending Sep-2021	1 Qtr Ending Jun-2021
Investment	-7.21 (5)	-15.18 (45)	-13.14 (64)	6.83 (6)	-1.45 (49)	6.71 (38)
Index	-9.37 (36)	-15.71 (55)	-10.78 (44)	2.37 (51)	-3.62 (76)	6.60 (39)
Median	-9.81	-15.33	-12.30	2.40	-1.57	5.83

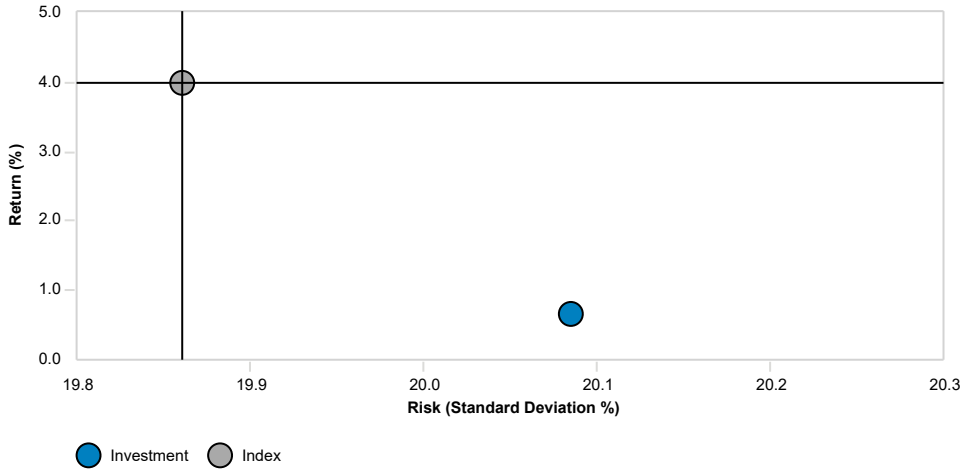
Historical Statistics 3 Years

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	0.66	20.09	0.10	88.45	7	98.42	5
Index	4.00	19.86	0.26	100.00	7	100.00	5

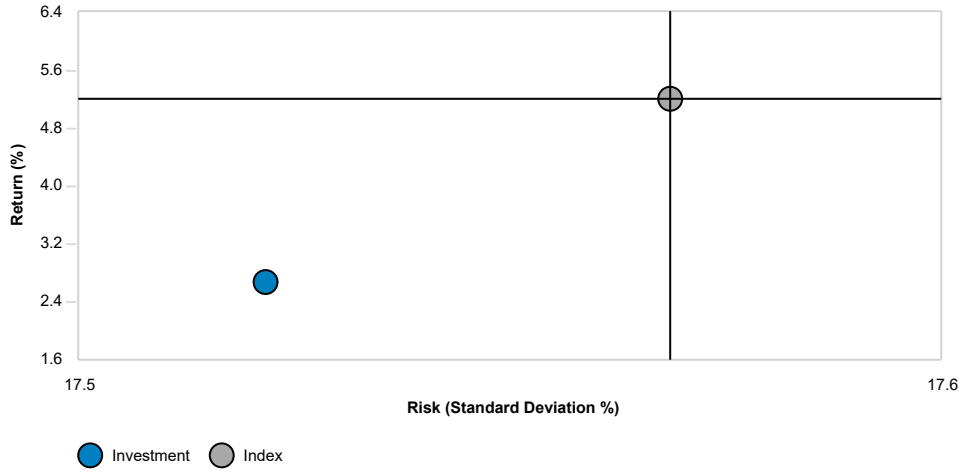
Historical Statistics 5 Years

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	2.68	17.52	0.17	87.09	11	94.65	9
Index	5.23	17.57	0.31	100.00	12	100.00	8

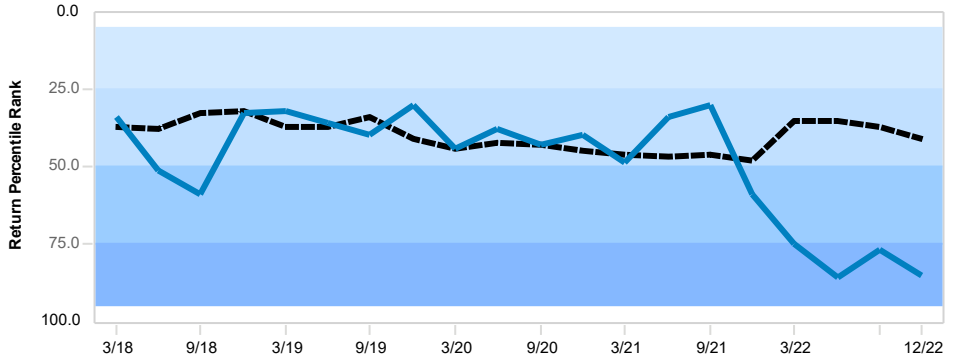
Risk and Return 3 Years



Risk and Return 5 Years

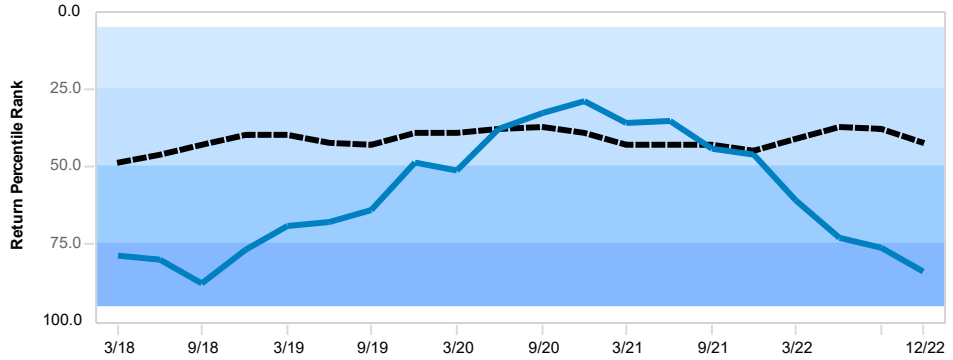


3 Year Rolling Percentile Rank IM Global Equity (MF)



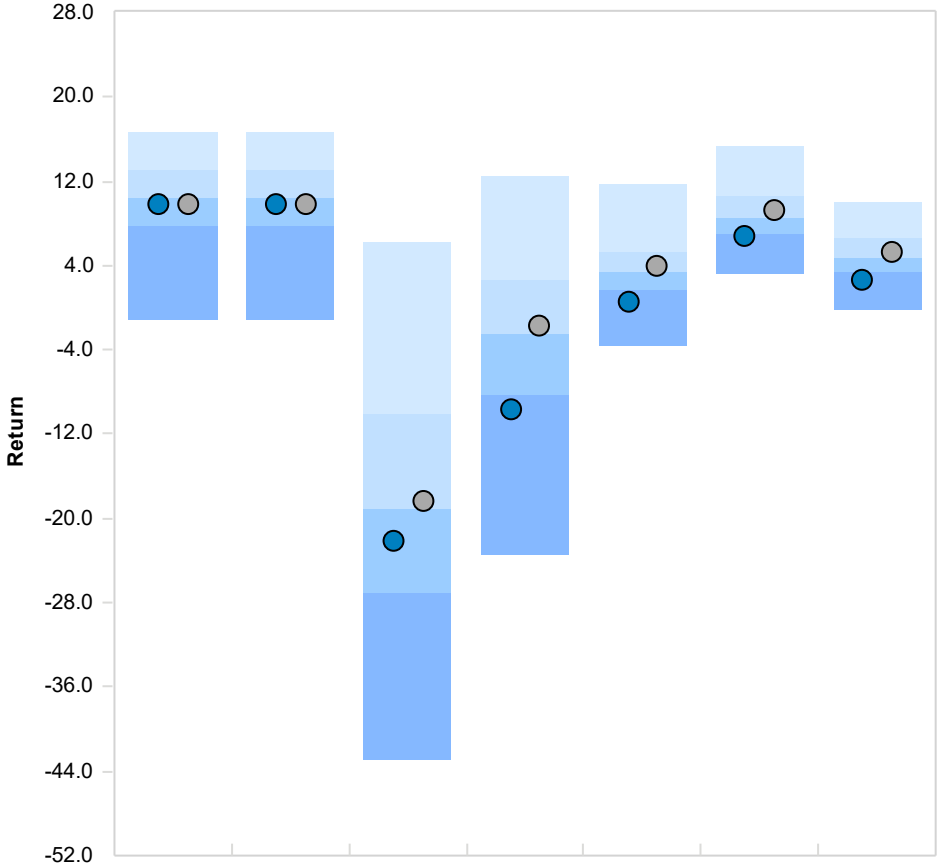
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	20	0 (0%)	13 (65%)	4 (20%)	3 (15%)
Index	20	0 (0%)	20 (100%)	0 (0%)	0 (0%)

5 Year Rolling Percentile Rank IM Global Equity (MF)



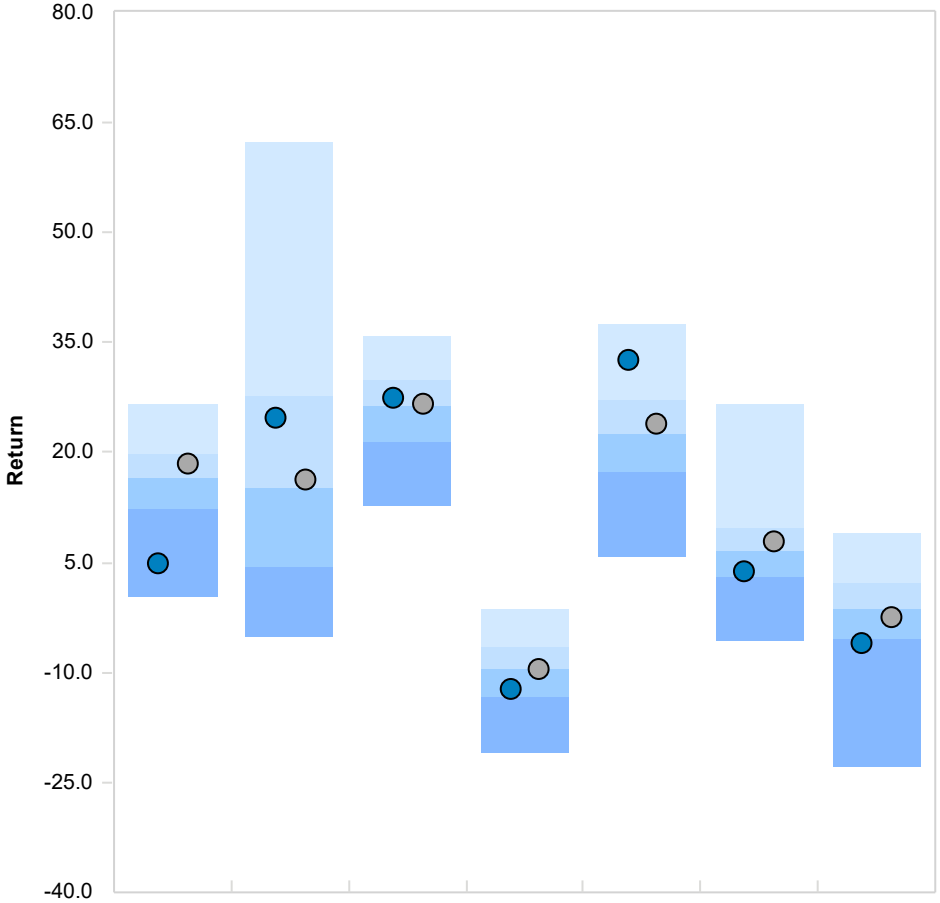
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	20	0 (0%)	8 (40%)	6 (30%)	6 (30%)
Index	20	0 (0%)	20 (100%)	0 (0%)	0 (0%)

Peer Group Analysis - IM Global Equity (MF)



	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR
Investment	9.91 (56)	9.91 (56)	-22.03 (59)	-9.62 (79)	0.66 (85)	6.80 (79)	2.68 (84)
Index	9.76 (57)	9.76 (57)	-18.36 (48)	-1.63 (45)	4.00 (41)	9.24 (41)	5.23 (42)
Median	10.38	10.38	-19.01	-2.36	3.40	8.49	4.79

Peer Group Analysis - IM Global Equity (MF)



	2021	2020	2019	2018	2017	2016	2015
Investment	4.77 (93)	24.86 (31)	27.57 (43)	-12.27 (71)	32.60 (12)	3.94 (70)	-5.96 (77)
Index	18.54 (34)	16.25 (46)	26.60 (49)	-9.42 (48)	23.97 (43)	7.86 (36)	-2.36 (60)
Median	16.55	15.37	26.38	-9.55	22.45	6.49	-1.42

Comparative Performance

	1 Qtr Ending Sep-2022	1 Qtr Ending Jun-2022	1 Qtr Ending Mar-2022	1 Qtr Ending Dec-2021	1 Qtr Ending Sep-2021	1 Qtr Ending Jun-2021
Investment	-6.95 (49)	-14.88 (47)	-10.44 (67)	0.09 (89)	-4.87 (93)	9.24 (17)
Index	-6.82 (48)	-15.66 (55)	-5.36 (36)	6.68 (34)	-1.05 (50)	7.39 (45)
Median	-7.07	-15.25	-7.67	5.83	-1.12	7.03

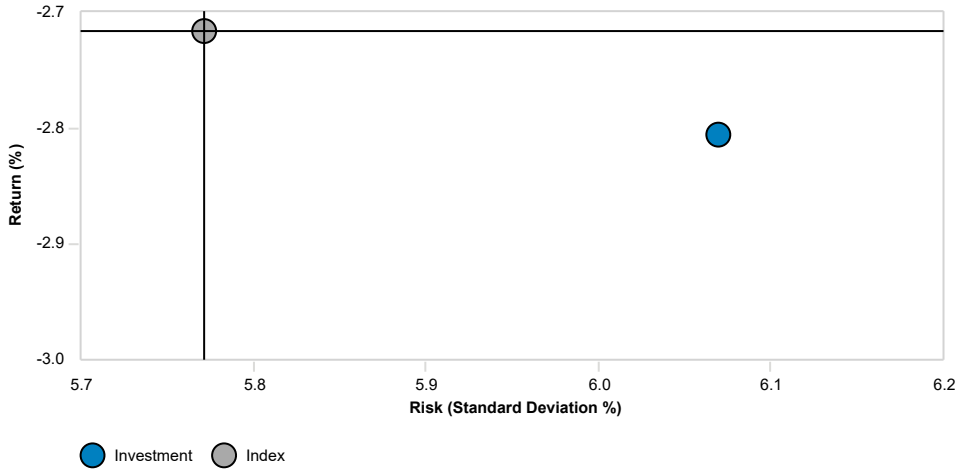
Historical Statistics 3 Years

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	-2.81	6.07	-0.55	105.17	7	104.52	5
Index	-2.71	5.77	-0.57	100.00	8	100.00	4

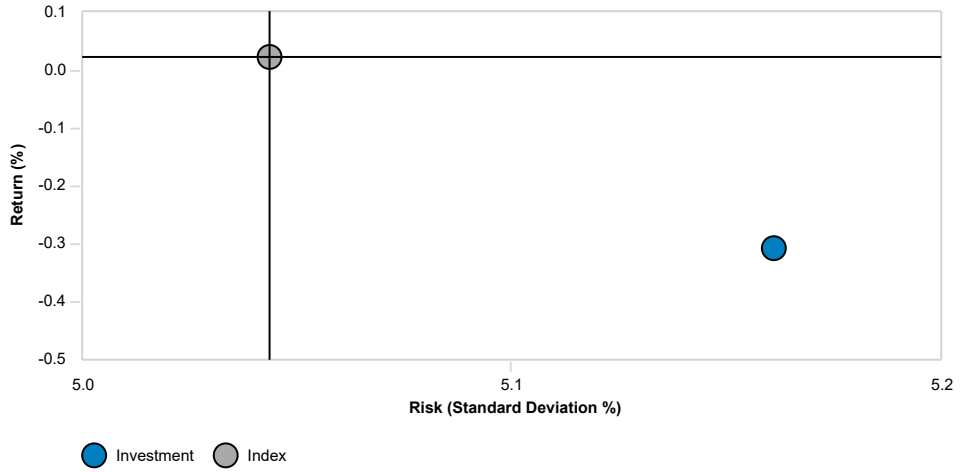
Historical Statistics 5 Years

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	-0.31	5.16	-0.28	97.04	12	102.03	8
Index	0.02	5.04	-0.22	100.00	14	100.00	6

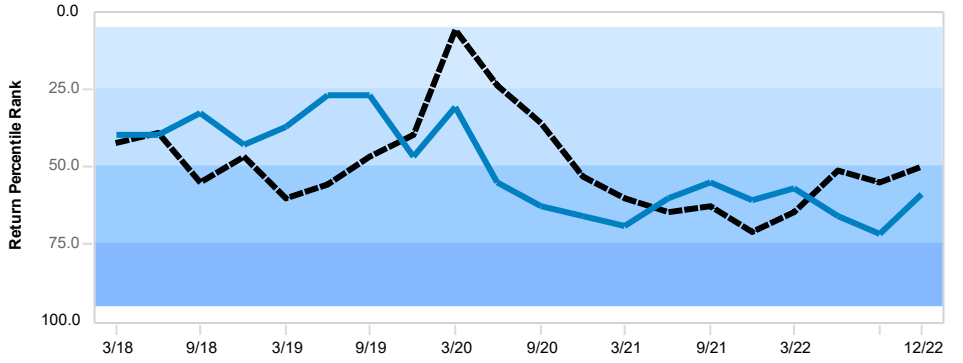
Risk and Return 3 Years



Risk and Return 5 Years

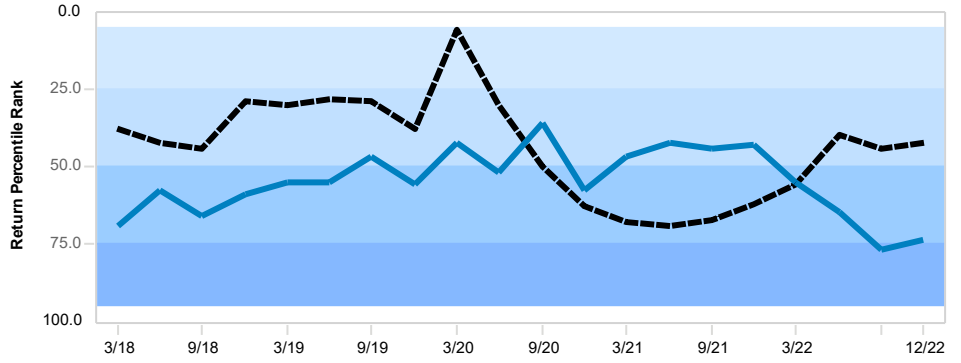


3 Year Rolling Percentile Rank IM U.S. Broad Market Core Fixed Income (MF)



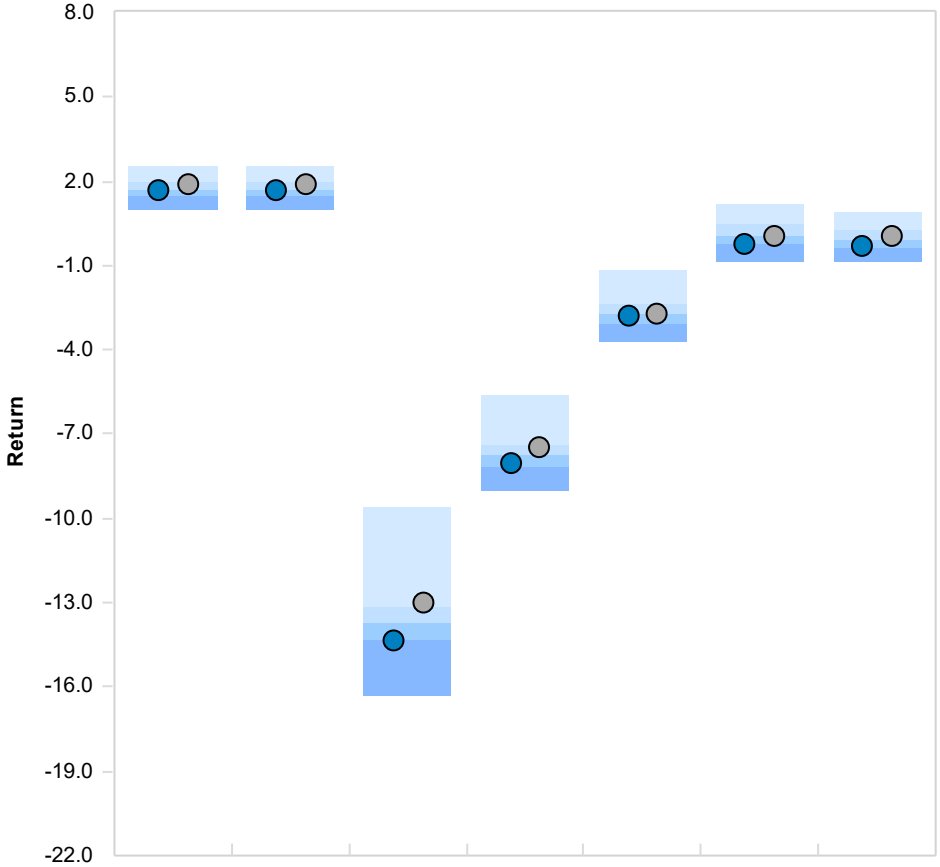
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	20	0 (0%)	9 (45%)	11 (55%)	0 (0%)
Index	20	2 (10%)	7 (35%)	11 (55%)	0 (0%)

5 Year Rolling Percentile Rank IM U.S. Broad Market Core Fixed Income (MF)



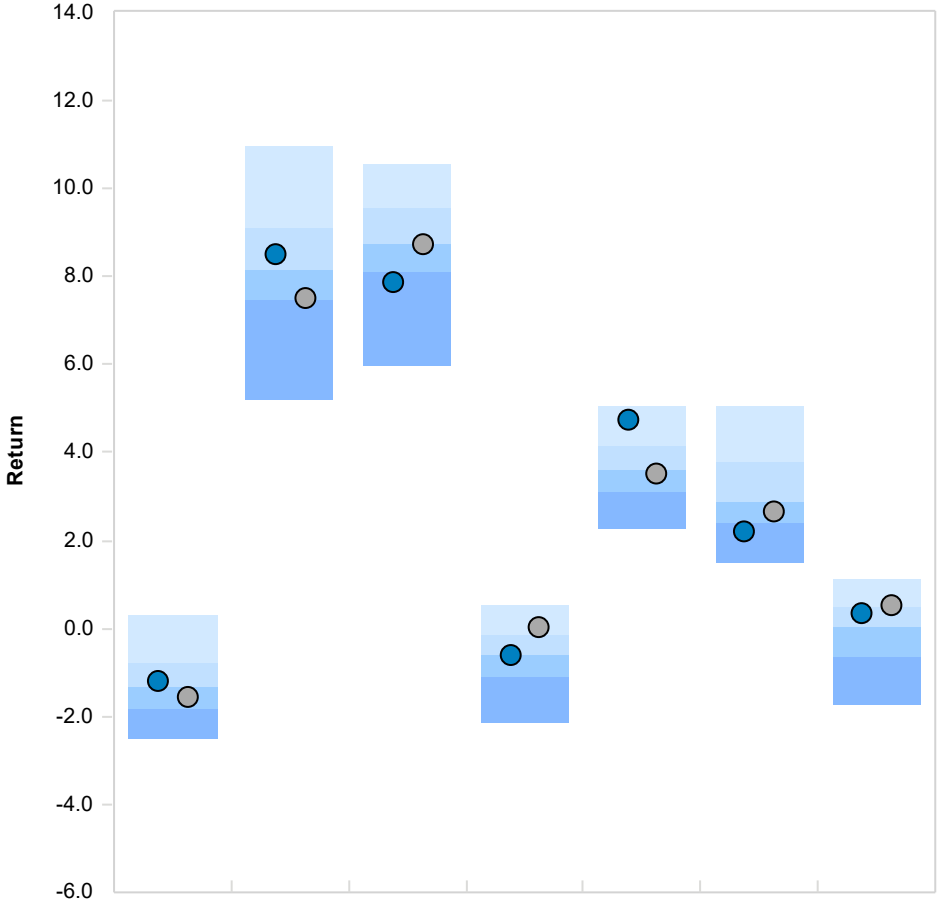
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	20	0 (0%)	7 (35%)	12 (60%)	1 (5%)
Index	20	1 (5%)	13 (65%)	6 (30%)	0 (0%)

Peer Group Analysis - IM U.S. Broad Market Core Fixed Income (MF)



	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR
Investment	1.70 (52)	1.70 (52)	-14.37 (78)	-8.01 (68)	-2.81 (59)	-0.23 (75)	-0.31 (74)
Index	1.87 (35)	1.87 (35)	-13.01 (21)	-7.45 (28)	-2.71 (50)	0.03 (54)	0.02 (42)
Median	1.71	1.71	-13.67	-7.75	-2.72	0.06	-0.07

Peer Group Analysis - IM U.S. Broad Market Core Fixed Income (MF)



	2021	2020	2019	2018	2017	2016	2015
Investment	-1.18 (42)	8.51 (39)	7.89 (80)	-0.60 (50)	4.74 (9)	2.20 (83)	0.33 (34)
Index	-1.55 (60)	7.51 (73)	8.72 (53)	0.01 (18)	3.54 (54)	2.65 (62)	0.55 (20)
Median	-1.33	8.15	8.76	-0.62	3.60	2.90	0.04

Comparative Performance

	1 Qtr Ending Sep-2022	1 Qtr Ending Jun-2022	1 Qtr Ending Mar-2022	1 Qtr Ending Dec-2021	1 Qtr Ending Sep-2021	1 Qtr Ending Jun-2021
Investment	-4.92 (78)	-5.54 (62)	-6.26 (71)	-0.17 (56)	0.22 (12)	2.01 (42)
Index	-4.75 (60)	-4.69 (15)	-5.93 (47)	0.01 (21)	0.05 (45)	1.83 (64)
Median	-4.67	-5.35	-5.98	-0.14	0.03	1.94

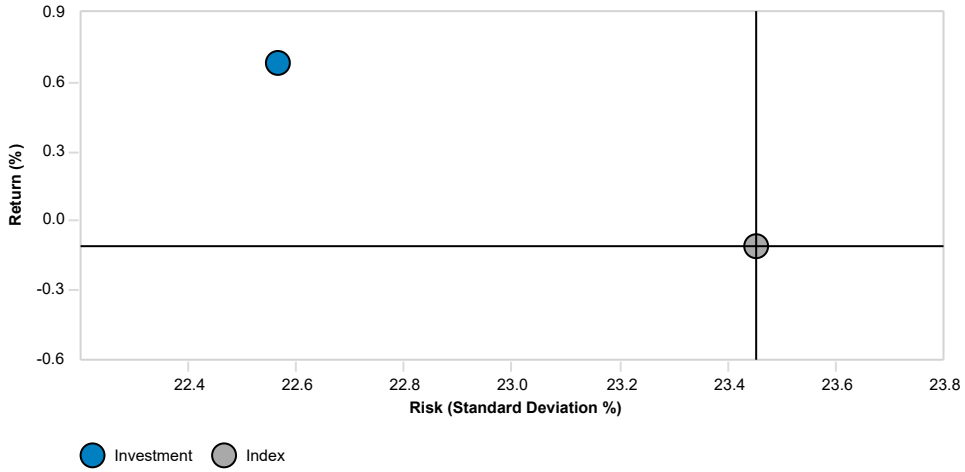
Historical Statistics 3 Years

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	0.68	22.57	0.11	98.65	8	96.73	4
Index	-0.11	23.45	0.09	100.00	8	100.00	4

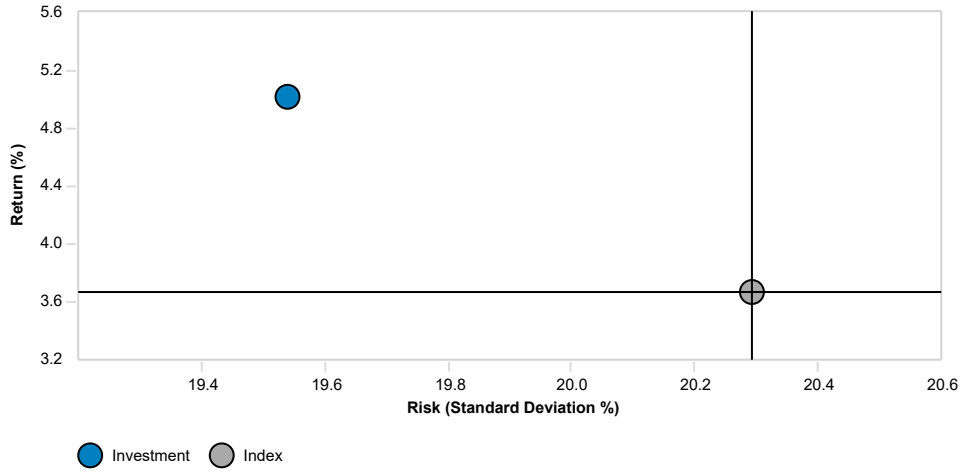
Historical Statistics 5 Years

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	5.02	19.54	0.29	99.51	14	94.73	6
Index	3.68	20.29	0.22	100.00	13	100.00	7

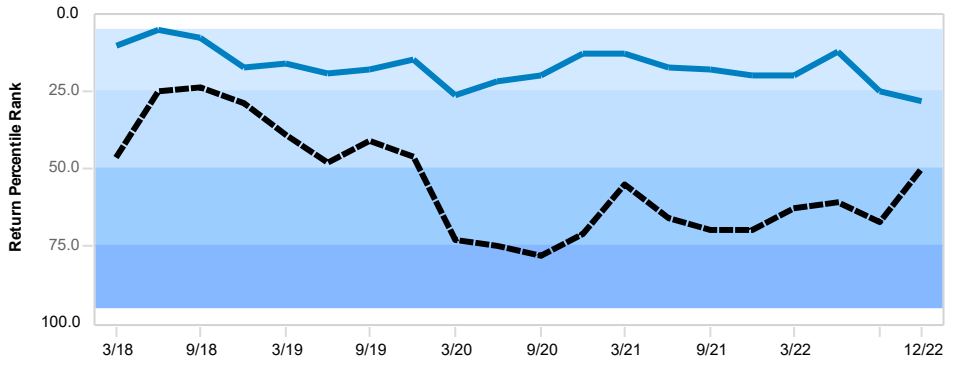
Risk and Return 3 Years



Risk and Return 5 Years

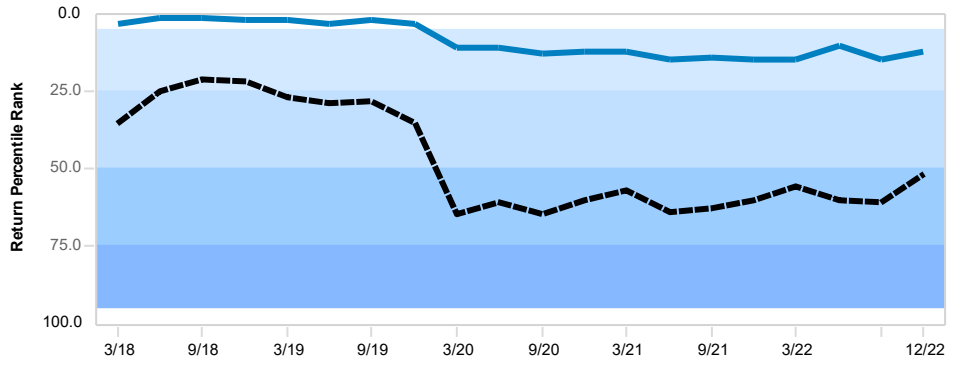


3 Year Rolling Percentile Rank IM Real Estate Sector (MF)



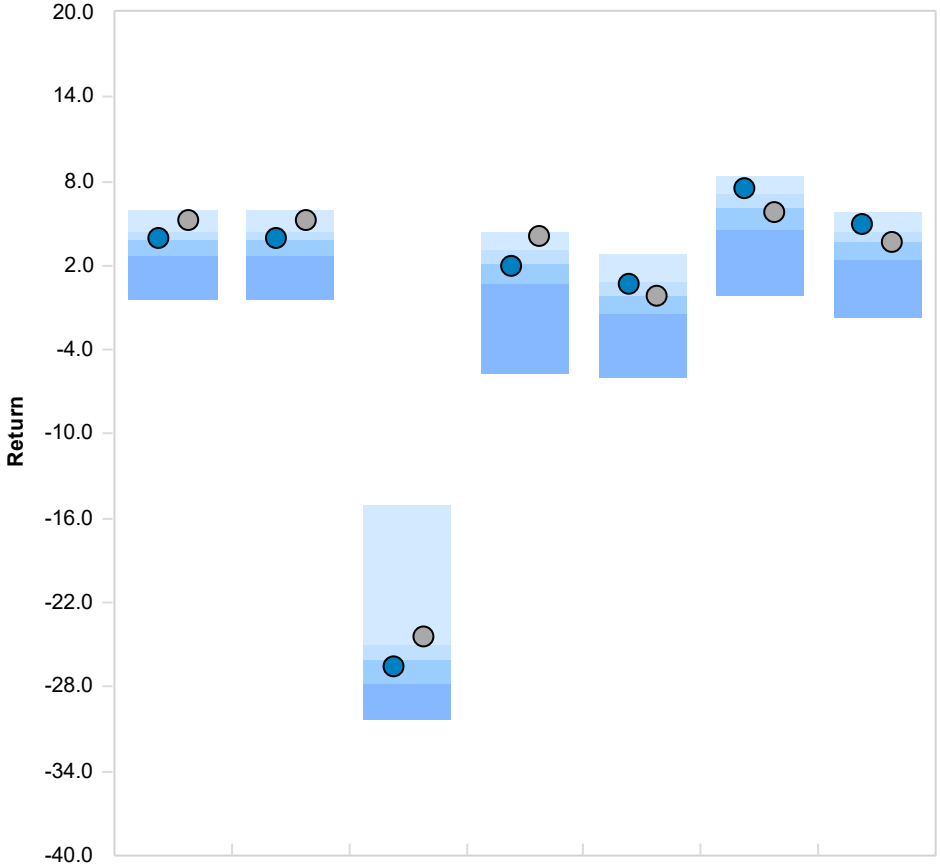
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	20	18 (90%)	2 (10%)	0 (0%)	0 (0%)
Index	20	2 (10%)	7 (35%)	10 (50%)	1 (5%)

5 Year Rolling Percentile Rank IM Real Estate Sector (MF)



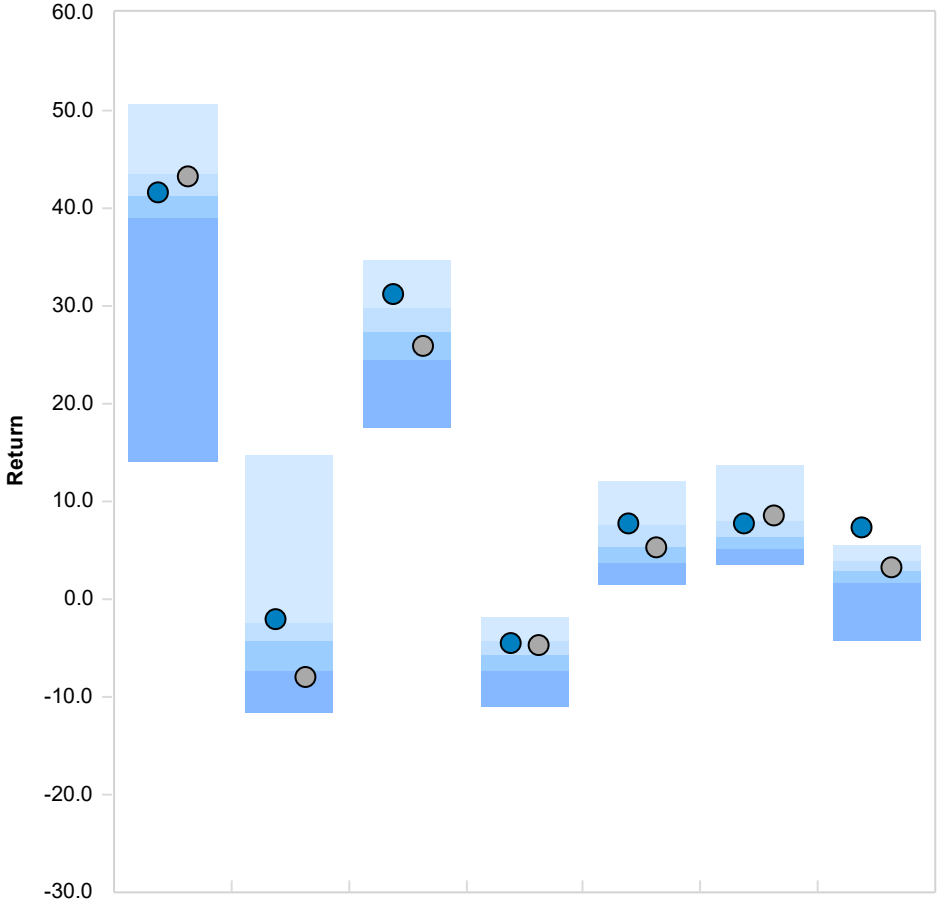
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	20	20 (100%)	0 (0%)	0 (0%)	0 (0%)
Index	20	3 (15%)	5 (25%)	12 (60%)	0 (0%)

Peer Group Analysis - IM Real Estate Sector (MF)



	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR
Investment	3.93 (45)	3.93 (45)	-26.49 (57)	2.05 (51)	0.68 (28)	7.57 (15)	5.02 (12)
Index	5.24 (8)	5.24 (8)	-24.37 (13)	4.08 (8)	-0.11 (50)	5.86 (55)	3.68 (52)
Median	3.86	3.86	-26.17	2.09	-0.13	6.11	3.70

Peer Group Analysis - IM Real Estate Sector (MF)



	2021	2020	2019	2018	2017	2016	2015
Investment	41.68 (43)	-2.01 (22)	31.17 (13)	-4.56 (30)	7.78 (24)	7.75 (31)	7.35 (2)
Index	43.24 (27)	-8.00 (80)	26.00 (62)	-4.62 (32)	5.23 (52)	8.52 (20)	3.20 (42)
Median	41.32	-4.31	27.32	-5.71	5.32	6.34	2.91

Comparative Performance

	1 Qtr Ending Sep-2022	1 Qtr Ending Jun-2022	1 Qtr Ending Mar-2022	1 Qtr Ending Dec-2021	1 Qtr Ending Sep-2021	1 Qtr Ending Jun-2021
Investment	-11.60 (86)	-14.67 (24)	-6.24 (75)	15.42 (60)	1.55 (24)	12.05 (51)
Index	-9.94 (31)	-16.97 (65)	-3.89 (25)	16.31 (34)	0.98 (54)	12.02 (55)
Median	-10.74	-15.81	-5.29	15.66	1.07	12.08

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Additional Funds

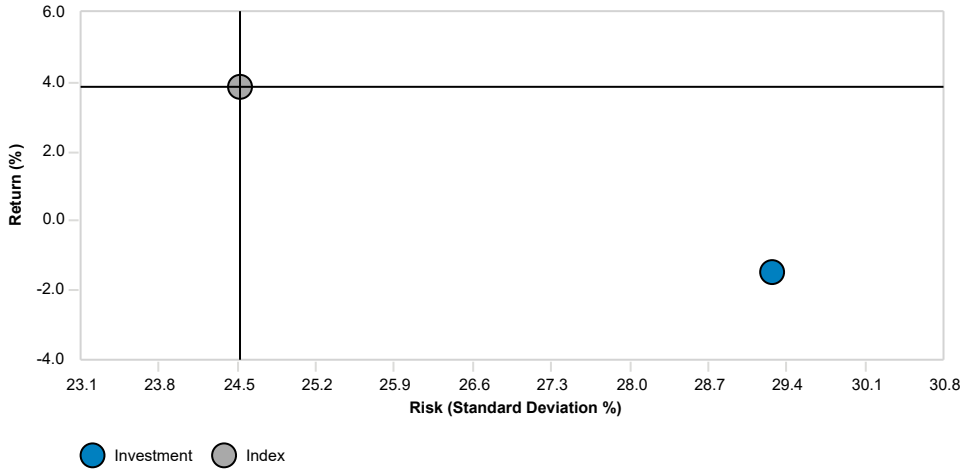
Historical Statistics 3 Years

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	-1.45	29.27	0.07	112.32	6	128.08	6
Index	3.85	24.53	0.25	100.00	6	100.00	6

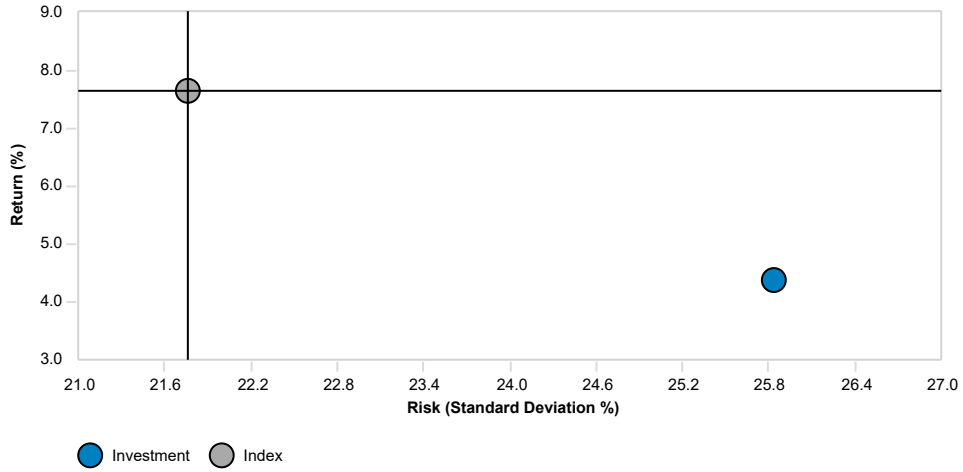
Historical Statistics 5 Years

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	4.38	25.83	0.25	110.76	12	123.54	8
Index	7.64	21.77	0.39	100.00	12	100.00	8

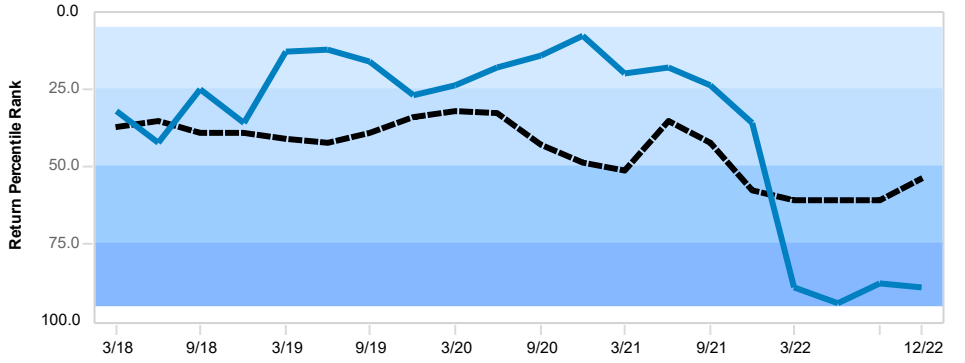
Risk and Return 3 Years



Risk and Return 5 Years

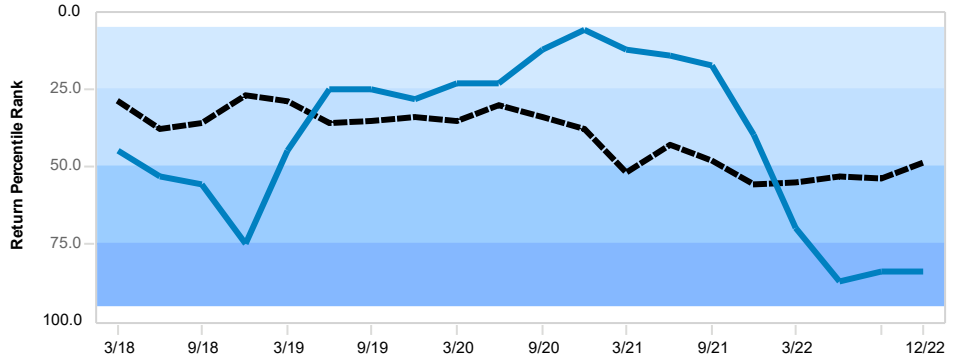


3 Year Rolling Percentile Rank IM U.S. Mid Cap Growth Equity (MF)



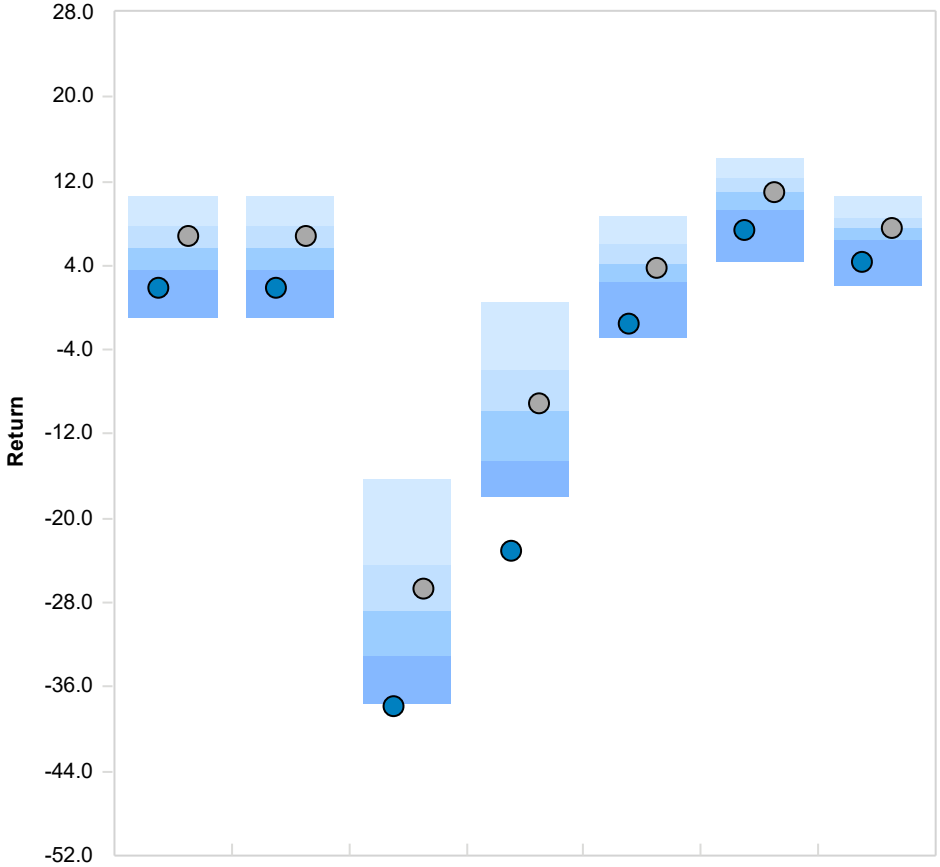
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	20	11 (55%)	5 (25%)	0 (0%)	4 (20%)
Index	20	0 (0%)	14 (70%)	6 (30%)	0 (0%)

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



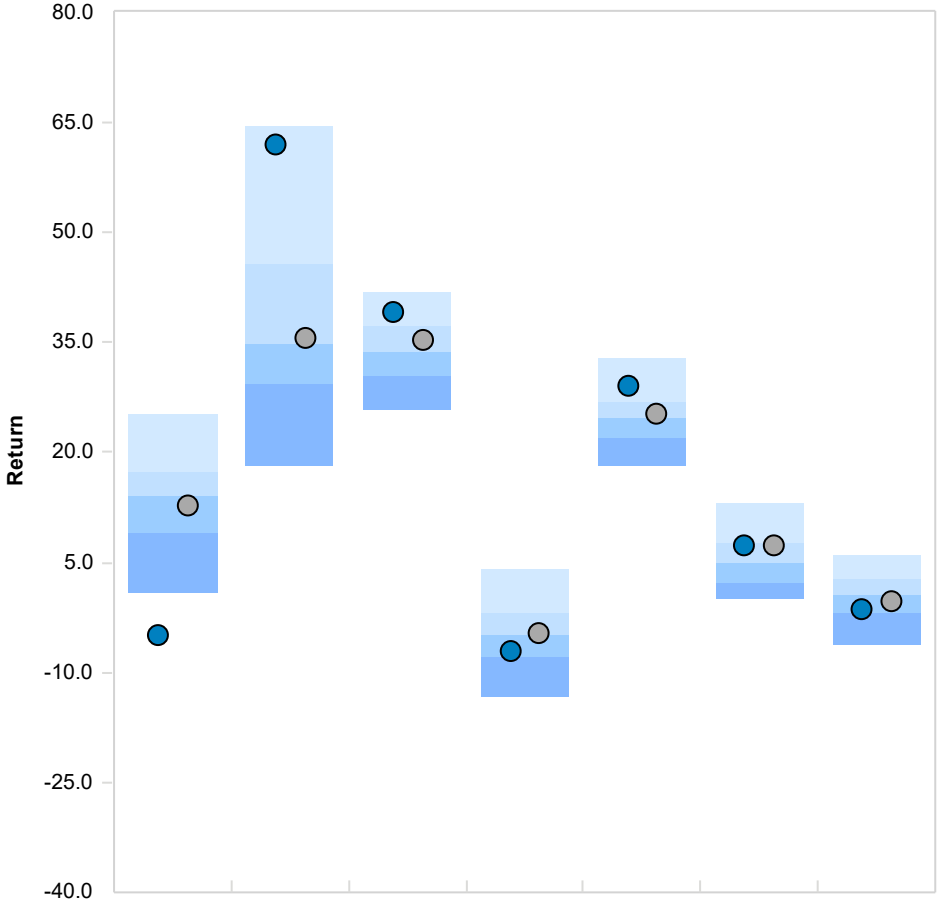
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	20	9 (45%)	4 (20%)	4 (20%)	3 (15%)
Index	20	0 (0%)	15 (75%)	5 (25%)	0 (0%)

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



	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR
Investment	1.83 (85)	1.83 (85)	-37.82 (96)	-23.14 (97)	-1.45 (89)	7.44 (89)	4.38 (84)
Index	6.90 (36)	6.90 (36)	-26.72 (38)	-9.11 (43)	3.85 (54)	10.99 (50)	7.64 (49)
Median	5.69	5.69	-28.79	-9.82	4.14	10.95	7.54

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



	2021	2020	2019	2018	2017	2016	2015
Investment	-4.98 (98)	61.98 (9)	39.26 (13)	-7.01 (71)	29.15 (15)	7.29 (26)	-1.38 (68)
Index	12.73 (60)	35.59 (46)	35.47 (34)	-4.75 (47)	25.27 (41)	7.33 (26)	-0.20 (57)
Median	14.22	34.91	33.86	-5.01	24.73	4.83	0.50

Comparative Performance

	1 Qtr Ending Sep-2022	1 Qtr Ending Jun-2022	1 Qtr Ending Mar-2022	1 Qtr Ending Dec-2021	1 Qtr Ending Sep-2021	1 Qtr Ending Jun-2021
Investment	0.67 (14)	-25.26 (89)	-18.85 (98)	-4.98 (97)	-1.81 (87)	8.09 (44)
Index	-0.65 (30)	-21.07 (51)	-12.58 (42)	2.85 (62)	-0.76 (78)	11.07 (4)
Median	-1.99	-21.01	-13.09	4.02	0.21	7.83

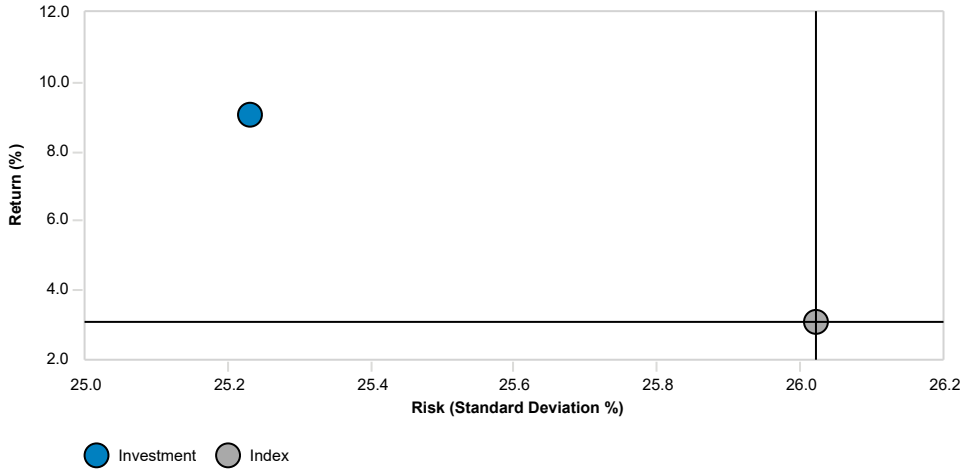
Historical Statistics 3 Years

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	9.06	25.23	0.44	109.07	7	93.50	5
Index	3.10	26.02	0.22	100.00	7	100.00	5

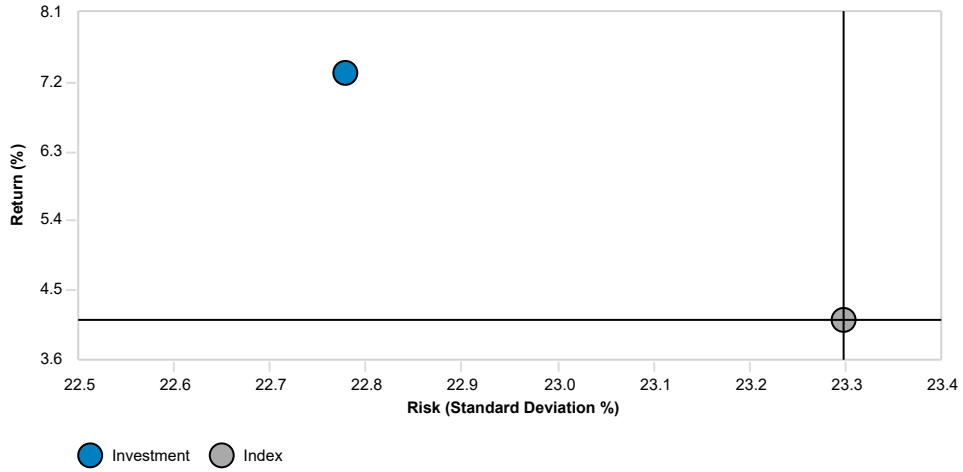
Historical Statistics 5 Years

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	7.33	22.78	0.37	104.29	12	94.78	8
Index	4.13	23.30	0.24	100.00	12	100.00	8

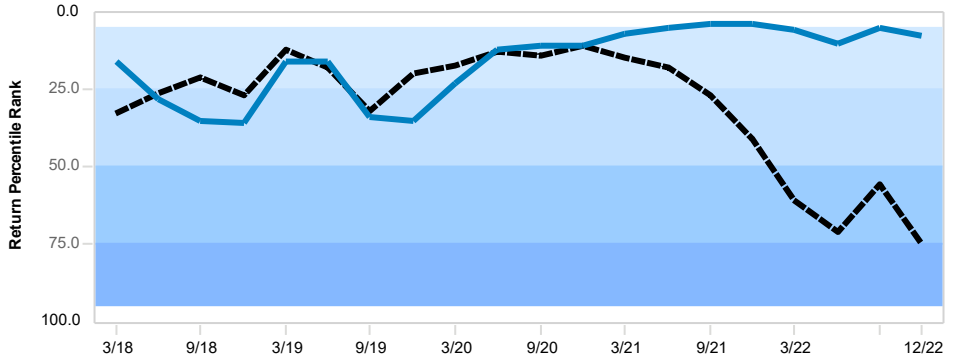
Risk and Return 3 Years



Risk and Return 5 Years

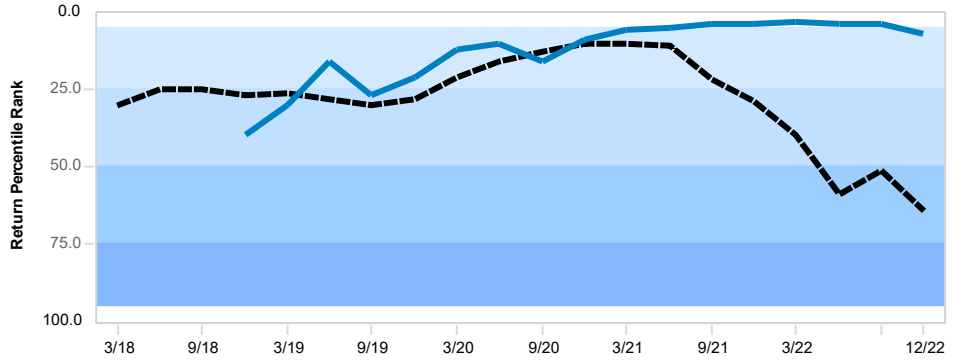


3 Year Rolling Percentile Rank IM U.S. Small Cap Core Equity (MF)



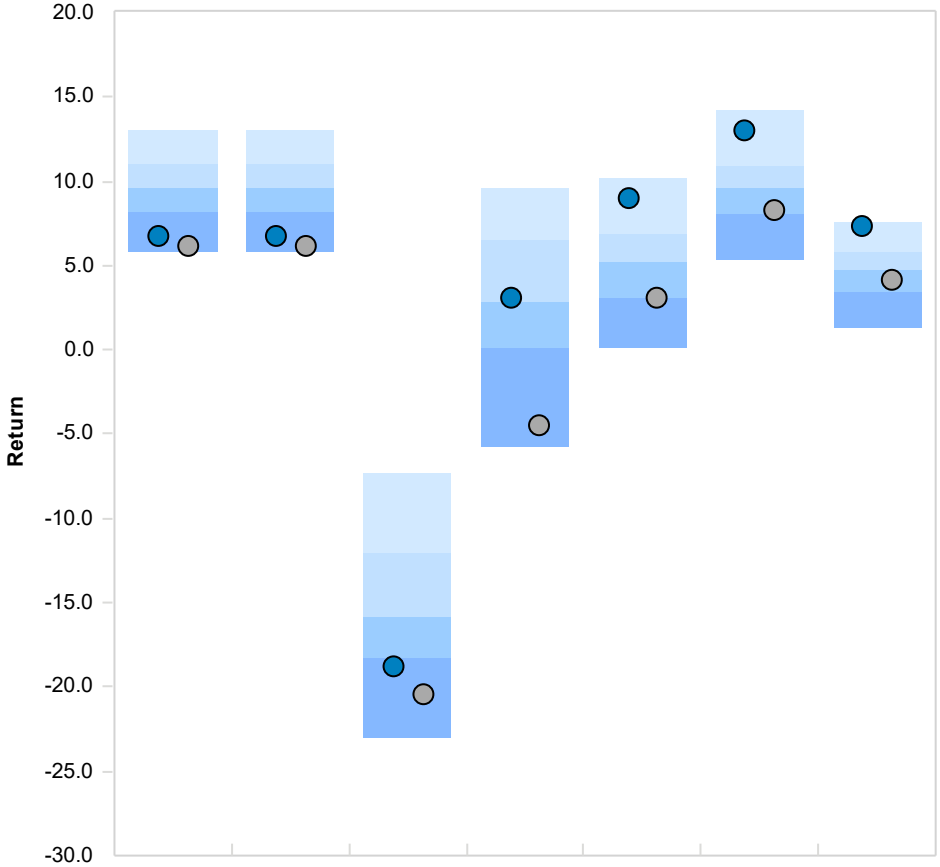
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	20	15 (75%)	5 (25%)	0 (0%)	0 (0%)
Index	20	10 (50%)	6 (30%)	4 (20%)	0 (0%)

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



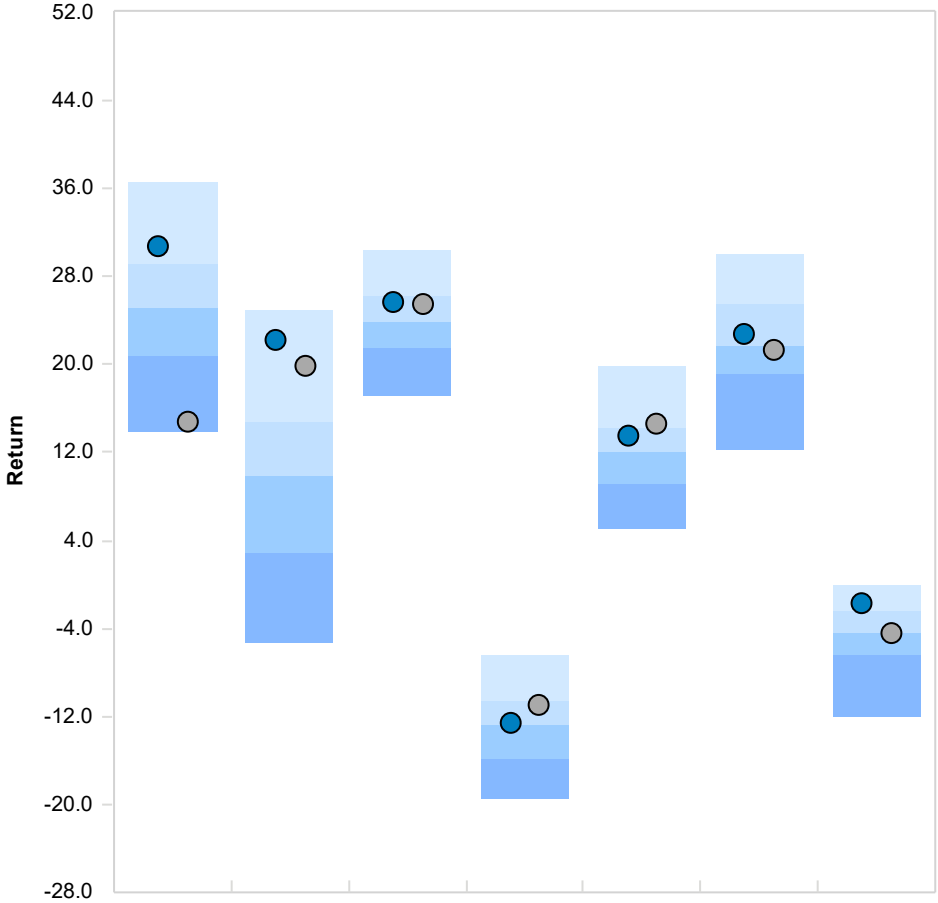
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	17	14 (82%)	3 (18%)	0 (0%)	0 (0%)
Index	20	9 (45%)	8 (40%)	3 (15%)	0 (0%)

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



	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR
Investment	6.82 (88)	6.82 (88)	-18.77 (78)	3.04 (49)	9.06 (8)	12.99 (9)	7.33 (7)
Index	6.23 (92)	6.23 (92)	-20.44 (87)	-4.42 (92)	3.10 (75)	8.30 (71)	4.13 (64)
Median	9.65	9.65	-15.78	2.84	5.20	9.62	4.78

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



	2021	2020	2019	2018	2017	2016	2015
Investment	30.71 (19)	22.19 (7)	25.64 (31)	-12.64 (50)	13.50 (36)	22.84 (44)	-1.63 (18)
Index	14.82 (89)	19.96 (12)	25.53 (33)	-11.01 (31)	14.65 (23)	21.31 (55)	-4.41 (53)
Median	25.12	9.89	23.94	-12.71	12.09	21.66	-4.35

Comparative Performance

	1 Qtr Ending Sep-2022	1 Qtr Ending Jun-2022	1 Qtr Ending Mar-2022	1 Qtr Ending Dec-2021	1 Qtr Ending Sep-2021	1 Qtr Ending Jun-2021
Investment	-3.25 (34)	-16.09 (70)	-6.33 (62)	6.24 (46)	-0.17 (10)	6.61 (9)
Index	-2.19 (17)	-17.20 (85)	-7.53 (77)	2.14 (91)	-4.36 (87)	4.29 (43)
Median	-4.48	-14.56	-5.65	5.94	-2.38	4.05

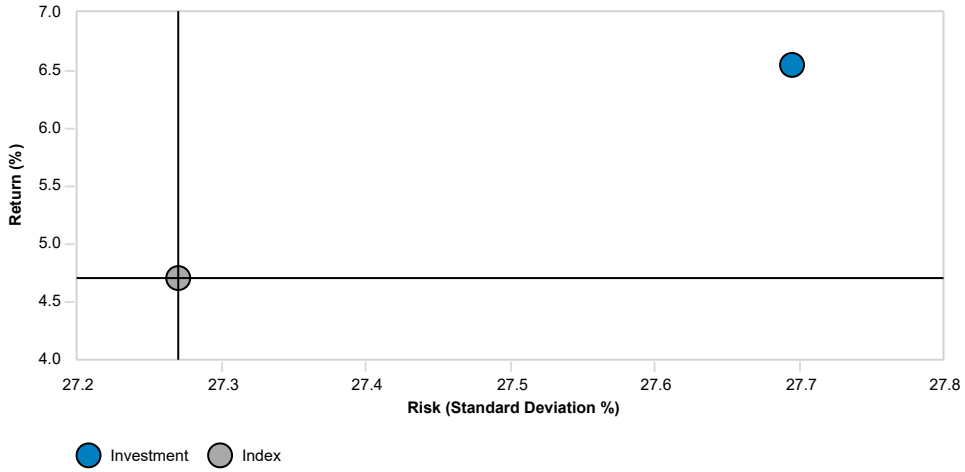
Historical Statistics 3 Years

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	6.55	27.69	0.35	100.51	7	94.66	5
Index	4.70	27.27	0.28	100.00	7	100.00	5

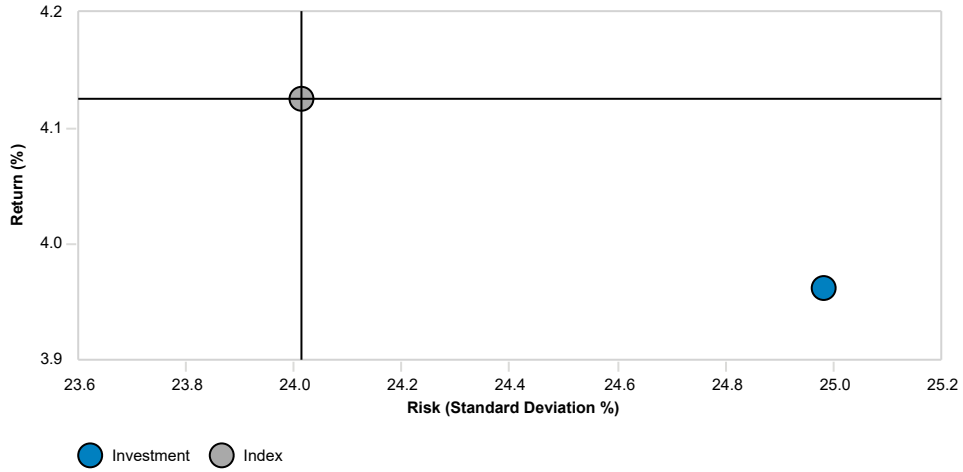
Historical Statistics 5 Years

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	3.96	24.98	0.23	101.33	12	101.22	8
Index	4.13	24.01	0.24	100.00	12	100.00	8

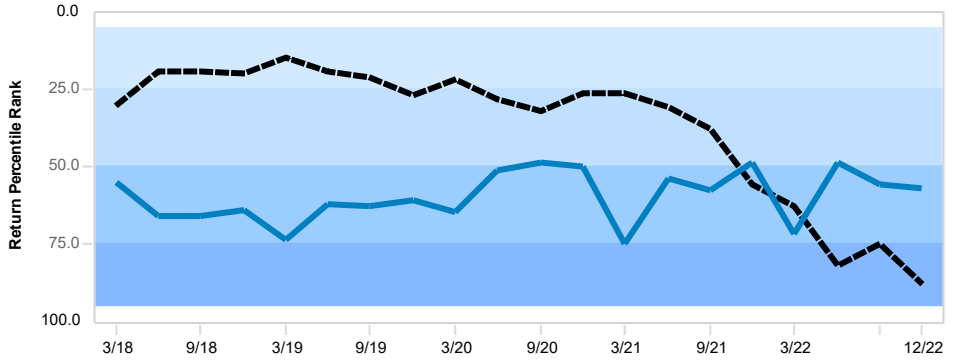
Risk and Return 3 Years



Risk and Return 5 Years

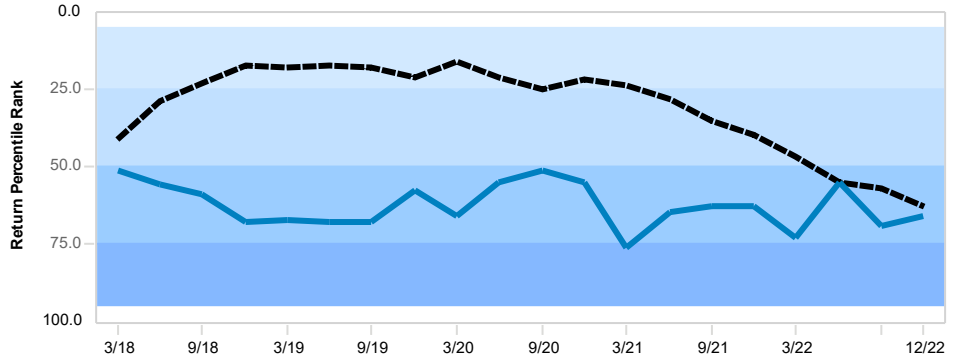


3 Year Rolling Percentile Rank IM U.S. Small Cap Value Equity (MF)



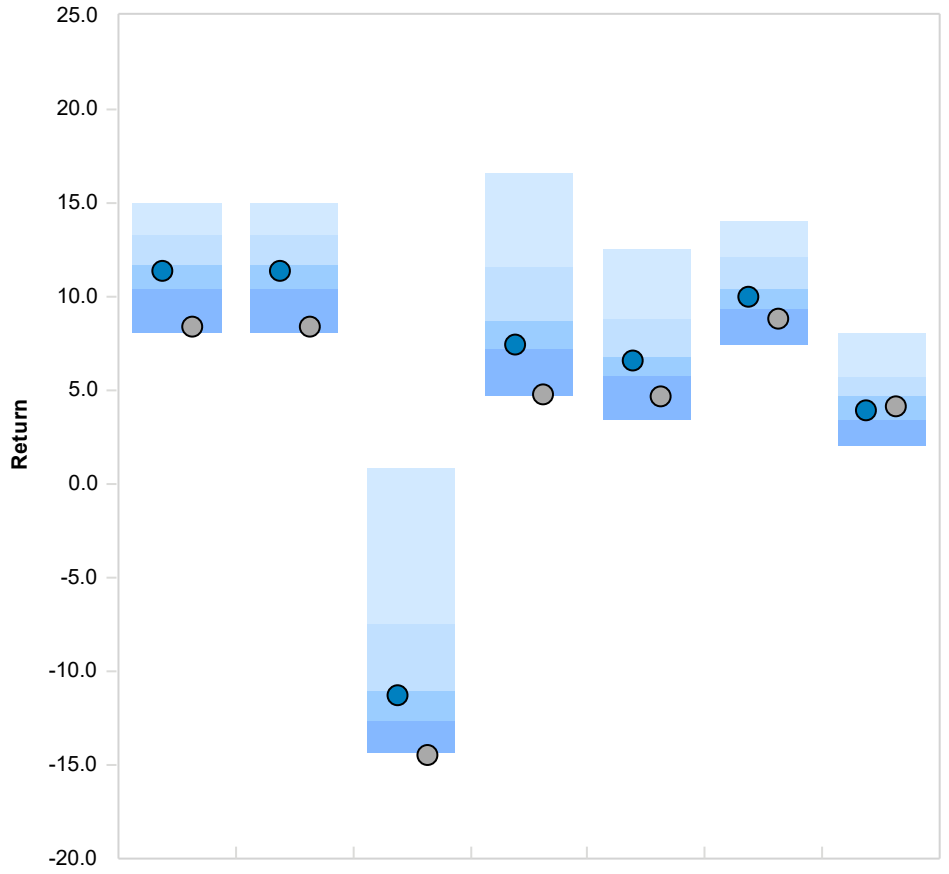
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	20	0 (0%)	4 (20%)	16 (80%)	0 (0%)
Index	20	7 (35%)	8 (40%)	3 (15%)	2 (10%)

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



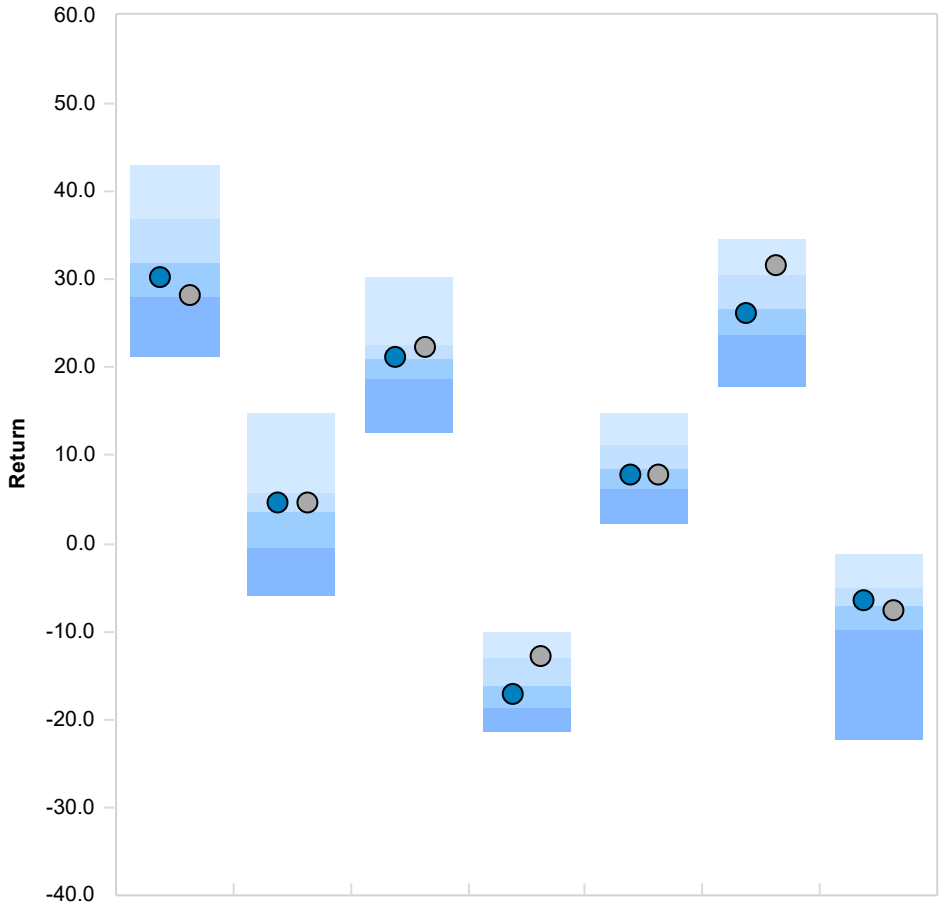
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	20	0 (0%)	0 (0%)	19 (95%)	1 (5%)
Index	20	11 (55%)	6 (30%)	3 (15%)	0 (0%)

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



	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR
Investment	11.37 (60)	11.37 (60)	-11.28 (54)	7.50 (72)	6.55 (57)	10.05 (58)	3.96 (66)
Index	8.42 (90)	8.42 (90)	-14.48 (96)	4.73 (94)	4.70 (88)	8.87 (84)	4.13 (63)
Median	11.70	11.70	-11.09	8.78	6.79	10.48	4.73

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



	2021	2020	2019	2018	2017	2016	2015
Investment	30.25 (63)	4.67 (35)	21.26 (45)	-17.20 (59)	7.74 (62)	26.27 (57)	-6.41 (39)
Index	28.27 (73)	4.63 (35)	22.39 (28)	-12.86 (23)	7.84 (60)	31.74 (17)	-7.47 (57)
Median	31.97	3.57	21.05	-16.08	8.46	26.70	-7.05

Comparative Performance

	1 Qtr Ending Sep-2022	1 Qtr Ending Jun-2022	1 Qtr Ending Mar-2022	1 Qtr Ending Dec-2021	1 Qtr Ending Sep-2021	1 Qtr Ending Jun-2021
Investment	-6.49 (77)	-11.28 (13)	-3.97 (93)	5.69 (54)	-1.47 (35)	6.88 (23)
Index	-4.61 (42)	-15.28 (83)	-2.40 (63)	4.36 (72)	-2.98 (81)	4.56 (46)
Median	-5.41	-13.89	-1.70	5.80	-1.84	4.36

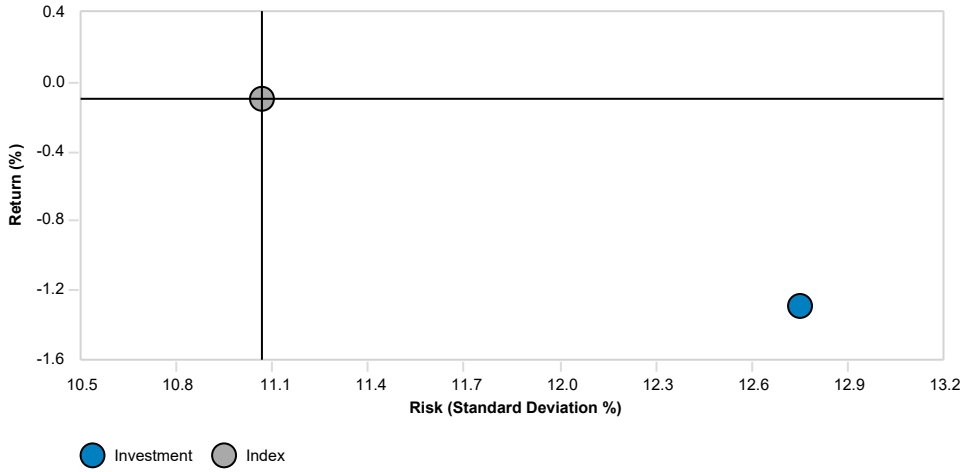
Historical Statistics 3 Years

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	-1.29	12.75	-0.09	106.34	8	114.43	4
Index	-0.10	11.07	-0.02	100.00	8	100.00	4

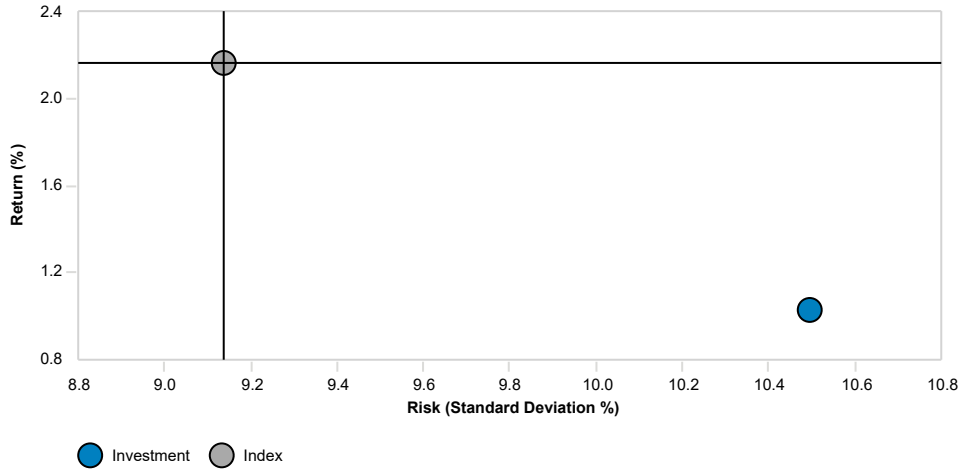
Historical Statistics 5 Years

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	1.03	10.50	0.03	103.27	14	114.99	6
Index	2.17	9.14	0.14	100.00	14	100.00	6

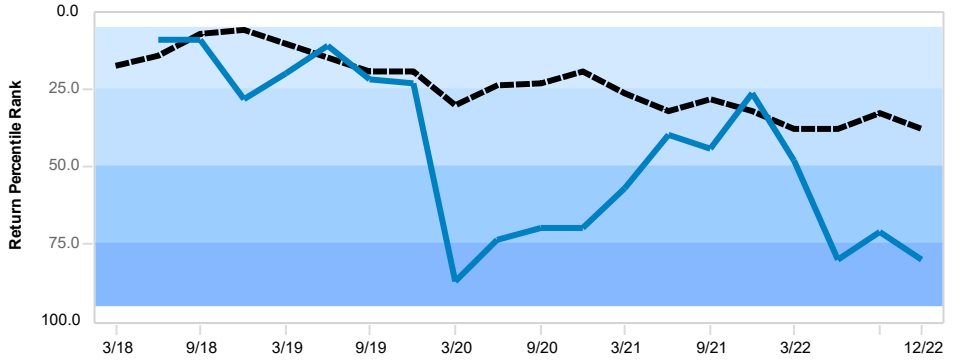
Risk and Return 3 Years



Risk and Return 5 Years

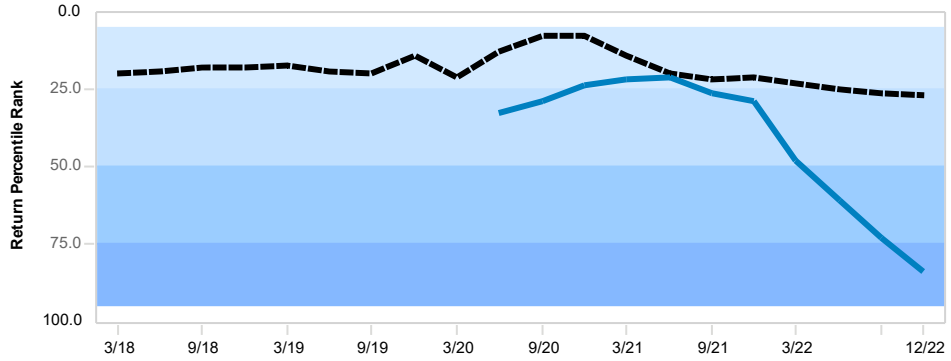


3 Year Rolling Percentile Rank IM U.S. High Yield Bonds (MF)



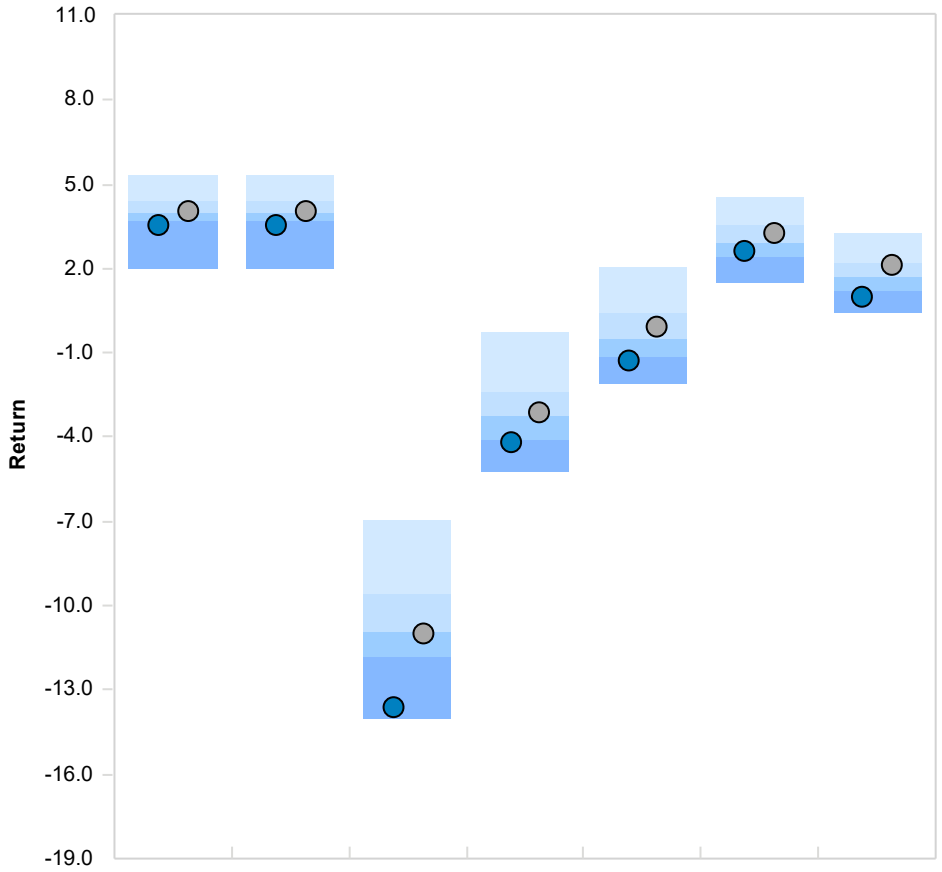
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	19	6 (32%)	5 (26%)	5 (26%)	3 (16%)
Index	20	11 (55%)	9 (45%)	0 (0%)	0 (0%)

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



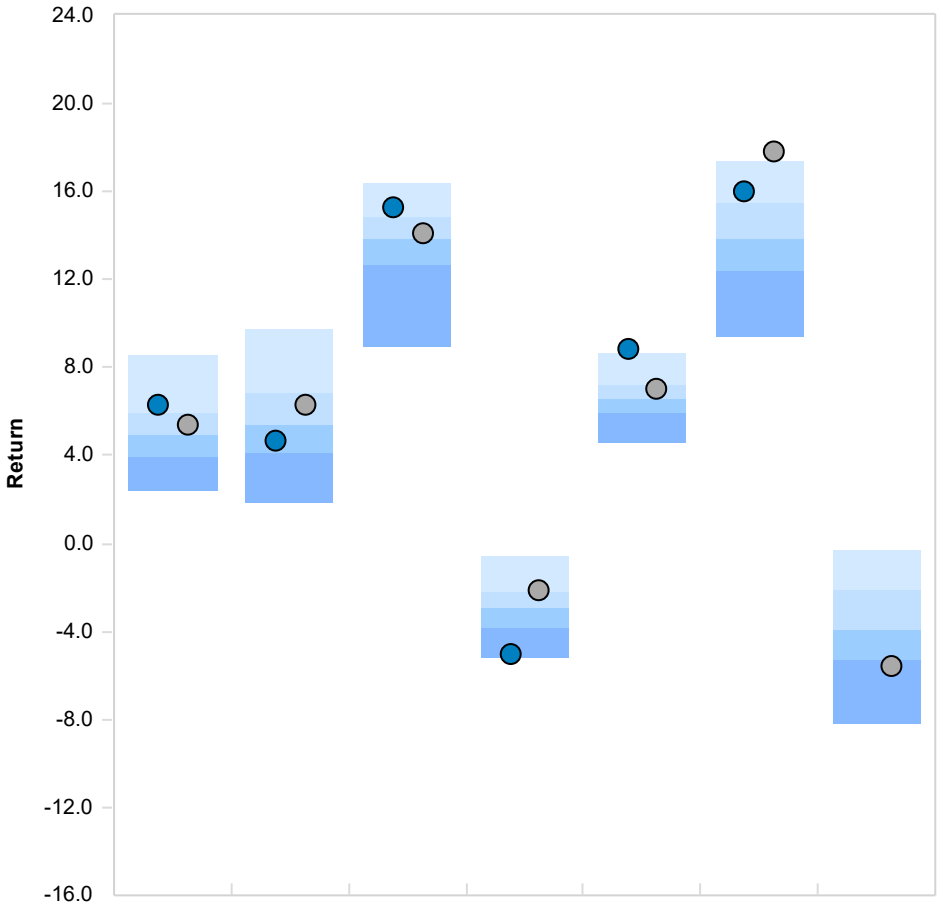
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	11	3 (27%)	5 (45%)	2 (18%)	1 (9%)
Index	20	18 (90%)	2 (10%)	0 (0%)	0 (0%)

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



	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR
Investment	3.56 (81)	3.56 (81)	-13.64 (94)	-4.16 (78)	-1.29 (80)	2.61 (67)	1.03 (84)
Index	4.03 (45)	4.03 (45)	-11.00 (52)	-3.15 (49)	-0.10 (38)	3.27 (35)	2.17 (27)
Median	3.96	3.96	-10.94	-3.25	-0.49	2.89	1.70

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



	2021	2020	2019	2018	2017	2016	2015
Investment	6.36 (19)	4.71 (68)	15.26 (17)	-5.03 (94)	8.85 (5)	16.06 (17)	N/A
Index	5.39 (39)	6.29 (32)	14.09 (44)	-2.13 (23)	7.05 (34)	17.82 (4)	-5.56 (80)
Median	4.93	5.43	13.83	-2.97	6.63	13.80	-3.96

Comparative Performance

	1 Qtr Ending Sep-2022	1 Qtr Ending Jun-2022	1 Qtr Ending Mar-2022	1 Qtr Ending Dec-2021	1 Qtr Ending Sep-2021	1 Qtr Ending Jun-2021
Investment	-1.25 (80)	-10.77 (84)	-5.36 (95)	0.62 (46)	0.69 (55)	3.15 (15)
Index	-0.69 (44)	-9.89 (53)	-4.40 (62)	0.74 (30)	0.94 (19)	2.68 (47)
Median	-0.78	-9.83	-4.20	0.59	0.71	2.65

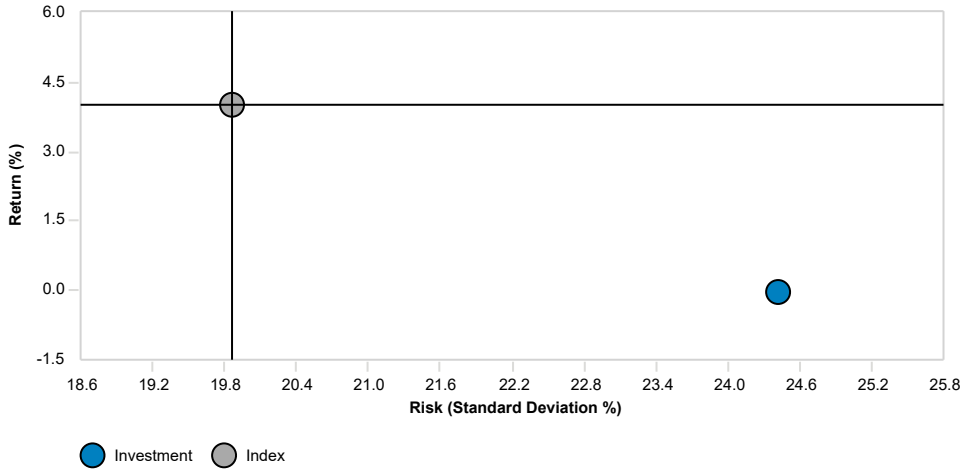
Historical Statistics 3 Years

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	-0.03	24.42	0.09	113.88	8	128.74	4
Index	4.00	19.86	0.26	100.00	7	100.00	5

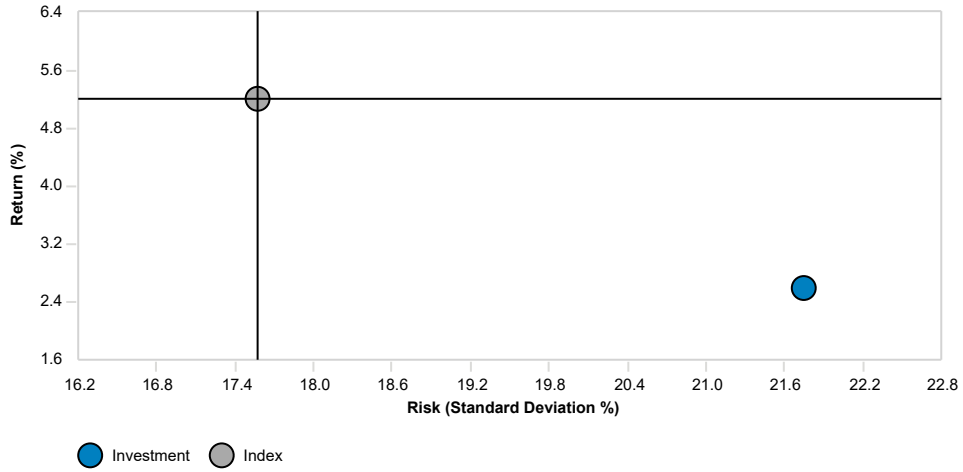
Historical Statistics 5 Years

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	2.59	21.74	0.17	114.14	13	126.74	7
Index	5.23	17.57	0.31	100.00	12	100.00	8

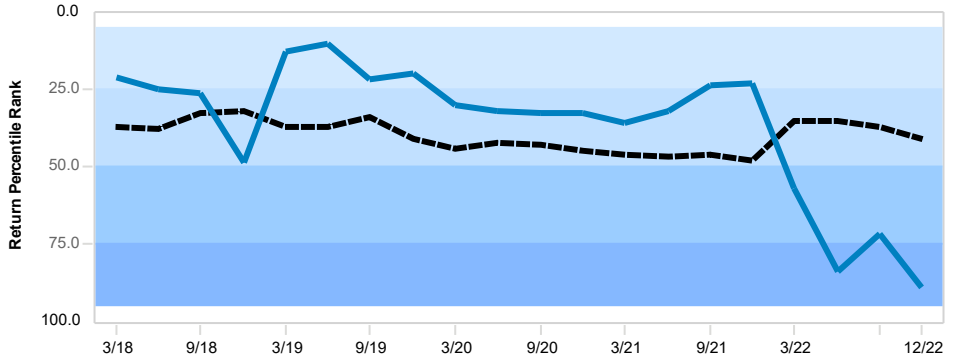
Risk and Return 3 Years



Risk and Return 5 Years

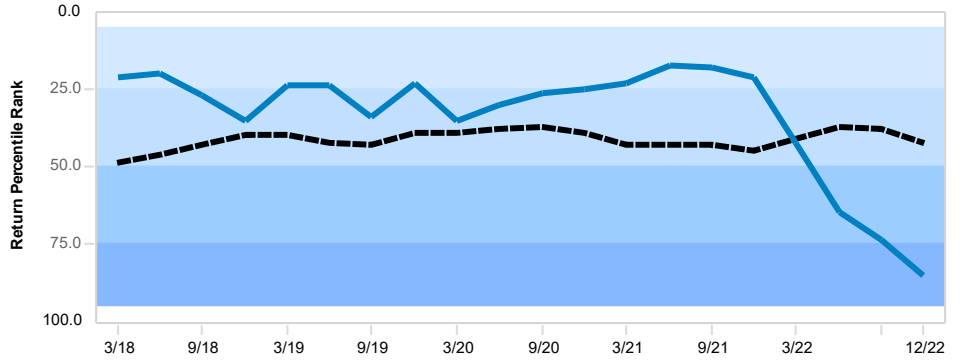


3 Year Rolling Percentile Rank IM Global Equity (MF)



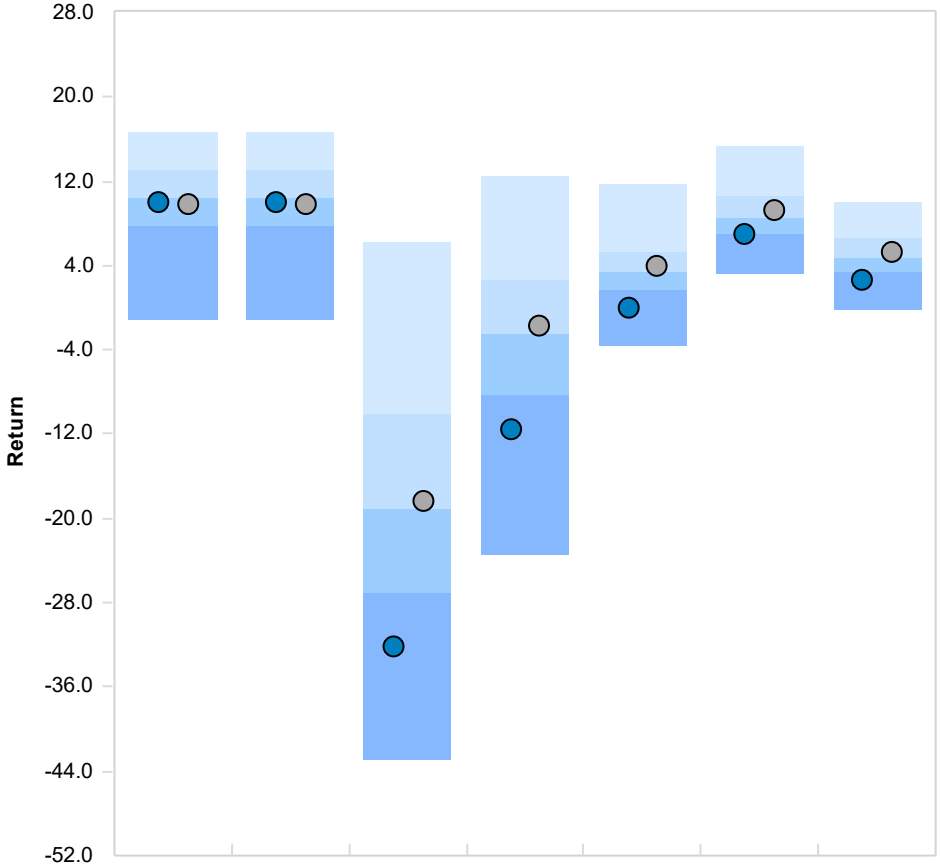
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	20	8 (40%)	8 (40%)	2 (10%)	2 (10%)
Index	20	0 (0%)	20 (100%)	0 (0%)	0 (0%)

5 Year Rolling Percentile Rank IM Global Equity (MF)



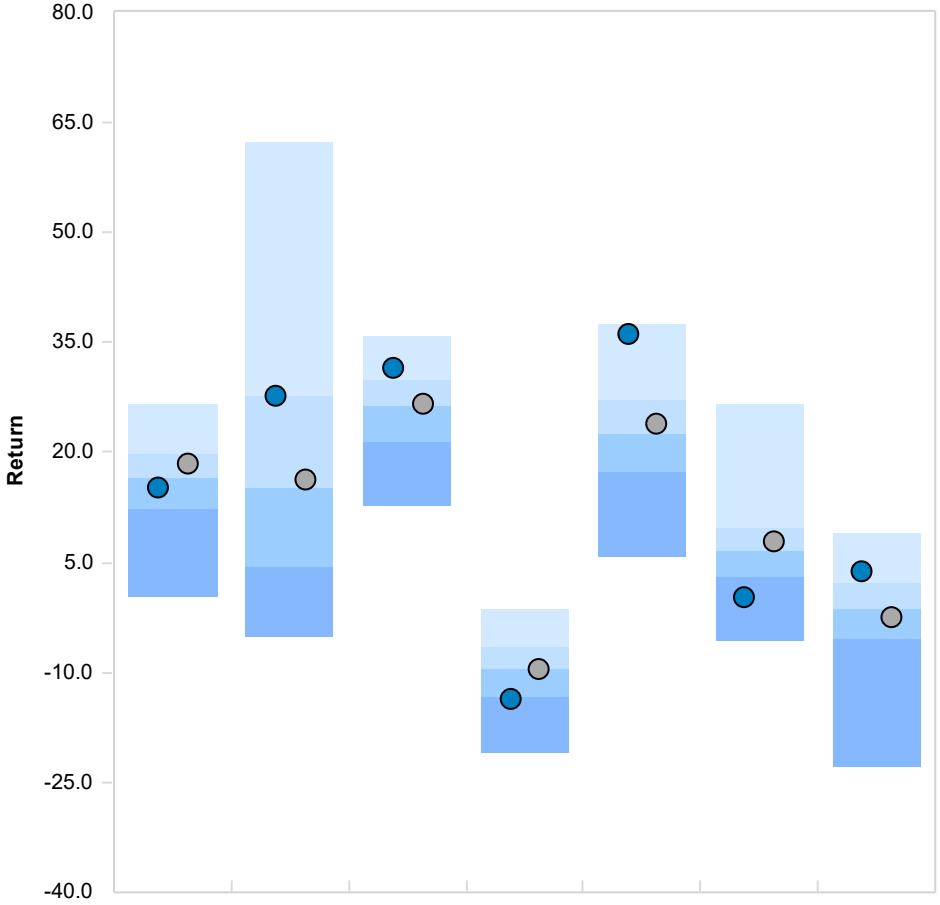
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	20	10 (50%)	7 (35%)	2 (10%)	1 (5%)
Index	20	0 (0%)	20 (100%)	0 (0%)	0 (0%)

Peer Group Analysis - IM Global Equity (MF)



	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR
Investment	10.03 (55)	10.03 (55)	-32.14 (87)	-11.52 (84)	-0.03 (89)	7.07 (74)	2.59 (85)
Index	9.76 (57)	9.76 (57)	-18.36 (48)	-1.63 (45)	4.00 (41)	9.24 (41)	5.23 (42)
Median	10.38	10.38	-19.01	-2.36	3.40	8.49	4.79

Peer Group Analysis - IM Global Equity (MF)



	2021	2020	2019	2018	2017	2016	2015
Investment	15.36 (58)	27.62 (26)	31.56 (16)	-13.56 (77)	36.24 (6)	0.16 (88)	3.89 (16)
Index	18.54 (34)	16.25 (46)	26.60 (49)	-9.42 (48)	23.97 (43)	7.86 (36)	-2.36 (60)
Median	16.55	15.37	26.38	-9.55	22.45	6.49	-1.42

Comparative Performance

	1 Qtr Ending Sep-2022	1 Qtr Ending Jun-2022	1 Qtr Ending Mar-2022	1 Qtr Ending Dec-2021	1 Qtr Ending Sep-2021	1 Qtr Ending Jun-2021
Investment	-9.43 (82)	-18.81 (74)	-16.14 (90)	3.14 (76)	0.29 (20)	10.54 (9)
Index	-6.82 (48)	-15.66 (55)	-5.36 (36)	6.68 (34)	-1.05 (50)	7.39 (45)
Median	-7.07	-15.25	-7.67	5.83	-1.12	7.03

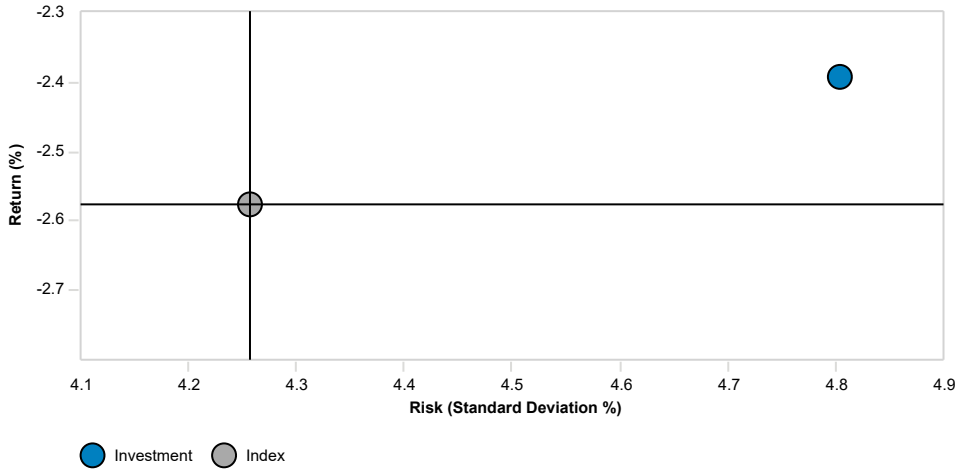
Historical Statistics 3 Years

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	-2.39	4.80	-0.62	112.38	5	105.22	7
Index	-2.58	4.26	-0.75	100.00	8	100.00	4

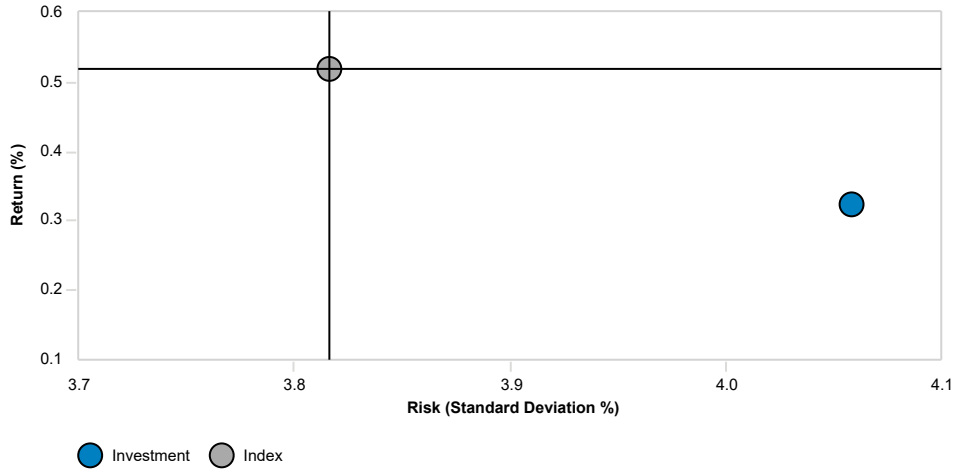
Historical Statistics 5 Years

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	0.32	4.06	-0.21	97.43	11	100.95	9
Index	0.52	3.82	-0.17	100.00	14	100.00	6

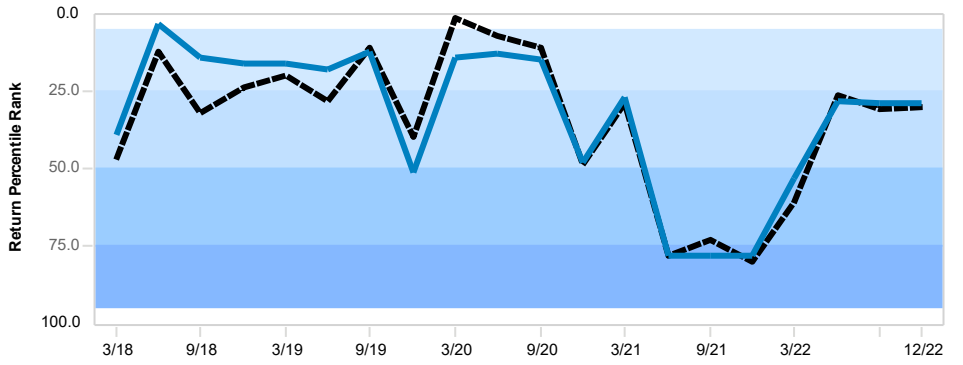
Risk and Return 3 Years



Risk and Return 5 Years

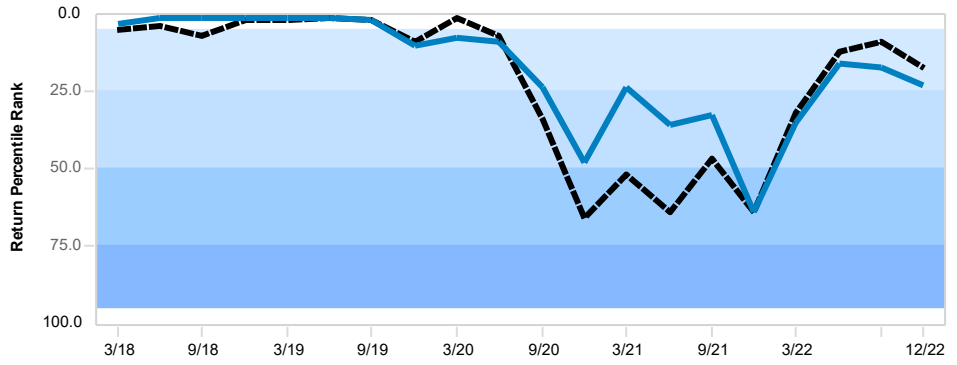


3 Year Rolling Percentile Rank IM Global Fixed Income (MF)



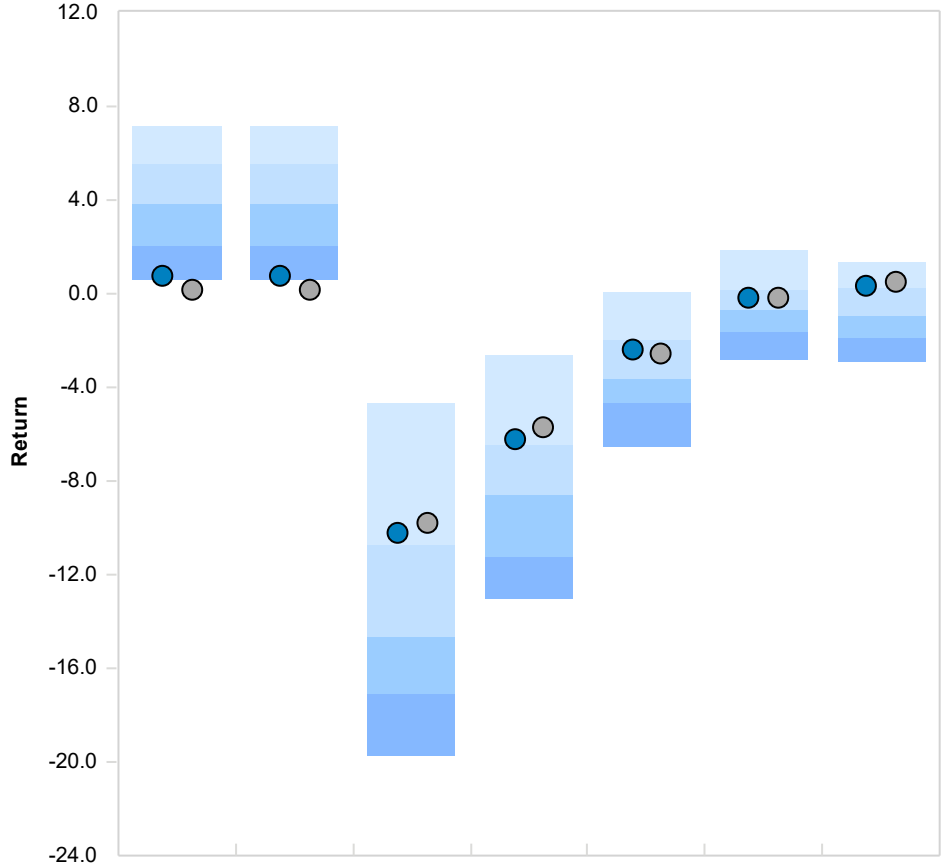
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	20	9 (45%)	6 (30%)	2 (10%)	3 (15%)
Index	20	7 (35%)	9 (45%)	2 (10%)	2 (10%)

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



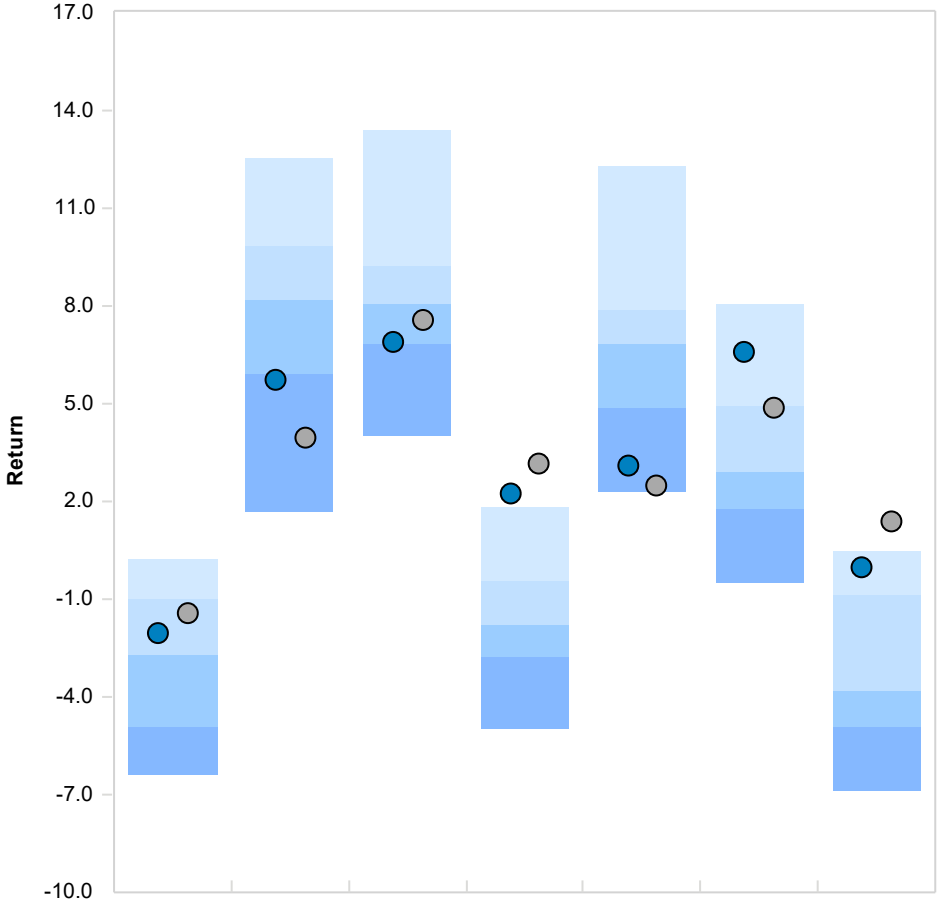
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	20	15 (75%)	4 (20%)	1 (5%)	0 (0%)
Index	20	13 (65%)	3 (15%)	4 (20%)	0 (0%)

Peer Group Analysis - IM Global Fixed Income (MF)



	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR
Investment	0.78 (91)	0.78 (91)	-10.20 (23)	-6.22 (23)	-2.39 (29)	-0.14 (35)	0.32 (23)
Index	0.18 (99)	0.18 (99)	-9.76 (22)	-5.68 (22)	-2.58 (30)	-0.13 (35)	0.52 (17)
Median	3.81	3.81	-14.66	-8.56	-3.68	-0.68	-0.90

Peer Group Analysis - IM Global Fixed Income (MF)



	2021	2020	2019	2018	2017	2016	2015
Investment	-2.06 (40)	5.73 (76)	6.92 (74)	2.22 (5)	3.11 (87)	6.60 (10)	-0.01 (11)
Index	-1.41 (31)	3.94 (92)	7.57 (63)	3.18 (4)	2.48 (93)	4.90 (26)	1.36 (2)
Median	-2.73	8.15	8.08	-1.78	6.82	2.92	-3.83

Comparative Performance

	1 Qtr Ending Sep-2022	1 Qtr Ending Jun-2022	1 Qtr Ending Mar-2022	1 Qtr Ending Dec-2021	1 Qtr Ending Sep-2021	1 Qtr Ending Jun-2021
Investment	-2.50 (25)	-4.99 (21)	-3.82 (20)	-0.45 (35)	-0.21 (42)	0.02 (93)
Index	-2.21 (20)	-4.01 (12)	-4.05 (21)	0.07 (7)	0.09 (20)	0.35 (87)
Median	-4.13	-7.00	-5.48	-0.70	-0.40	1.33

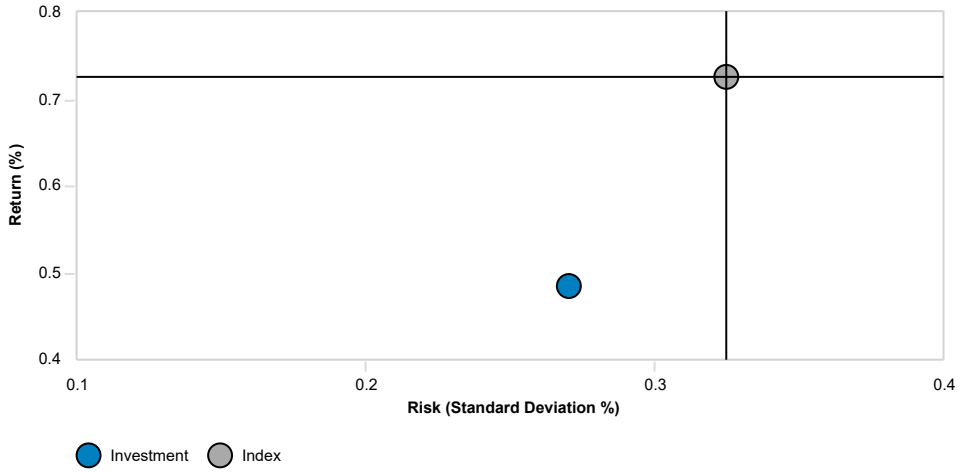
Historical Statistics 3 Years

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	0.48	0.27	-1.46	65.91	12	-66.67	N/A
Index	0.73	0.32	0.04	100.00	11	100.00	1

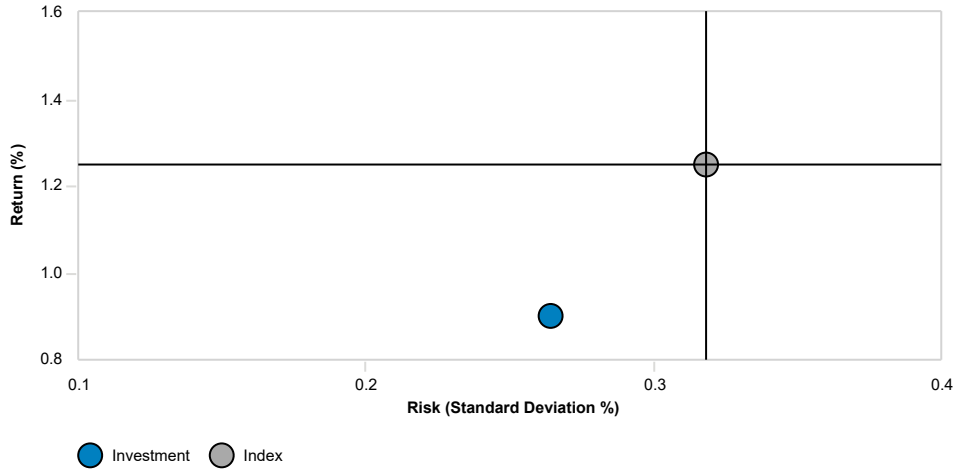
Historical Statistics 5 Years

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	0.90	0.26	-2.61	71.90	20	-66.67	N/A
Index	1.25	0.32	-0.18	100.00	19	100.00	1

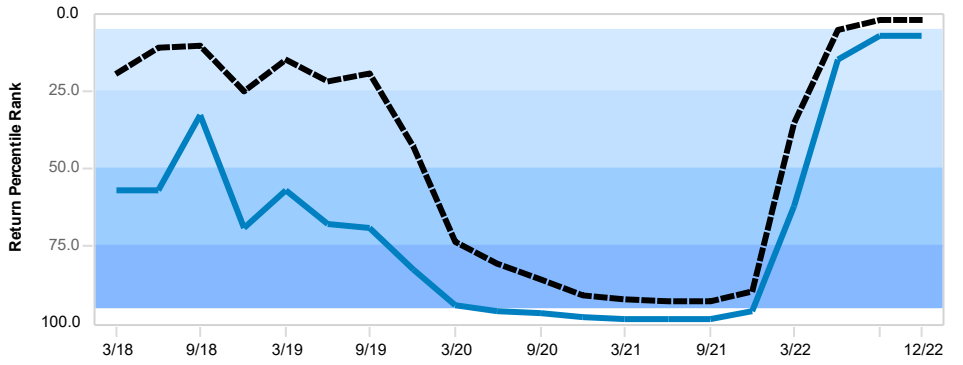
Risk and Return 3 Years



Risk and Return 5 Years

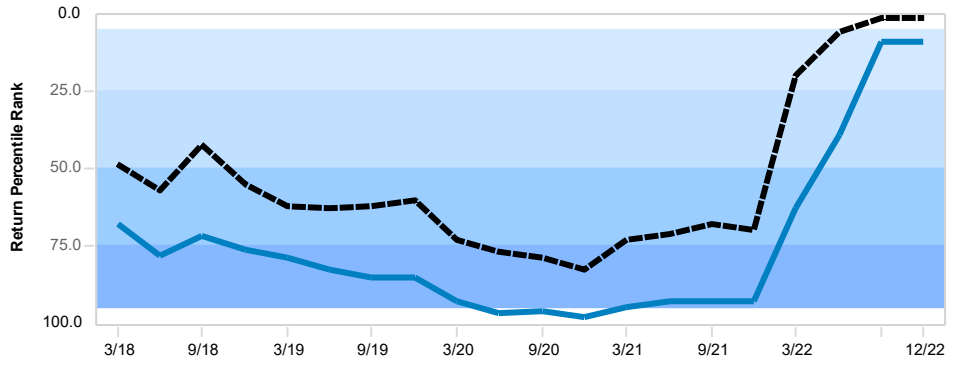


3 Year Rolling Percentile Rank IM U.S. Short Term Treasury/Govt Bonds (MF)



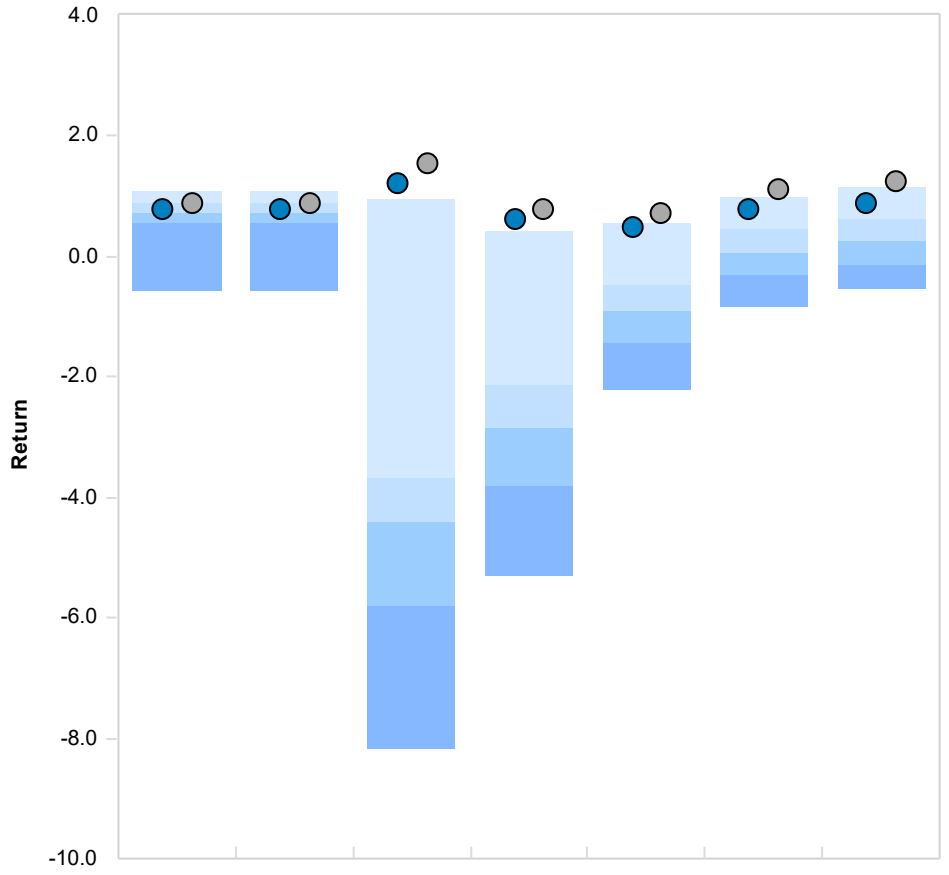
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	20	3 (15%)	1 (5%)	7 (35%)	9 (45%)
Index	20	10 (50%)	2 (10%)	1 (5%)	7 (35%)

5 Year Rolling Percentile Rank IM U.S. Short Term Treasury/Govt Bonds (MF)



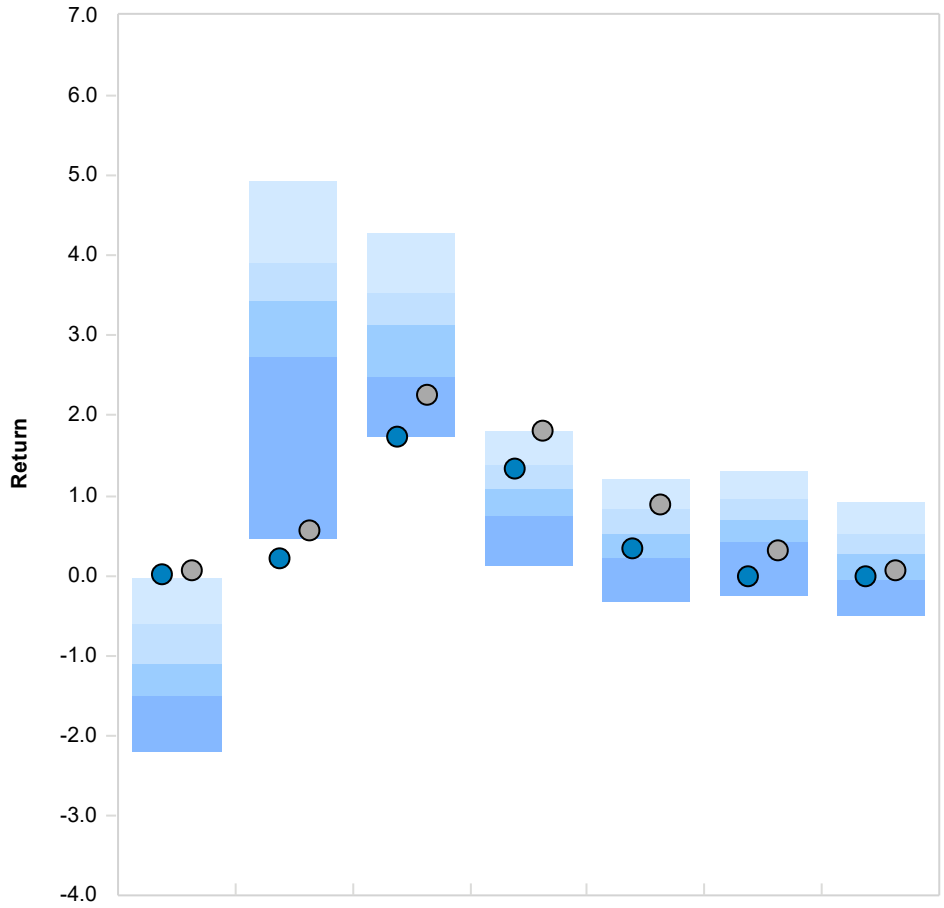
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	20	2 (10%)	1 (5%)	3 (15%)	14 (70%)
Index	20	4 (20%)	2 (10%)	11 (55%)	3 (15%)

Peer Group Analysis - IM U.S. Short Term Treasury/Govt Bonds (MF)



	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR
Investment	0.78 (44)	0.78 (44)	1.22 (4)	0.62 (3)	0.48 (7)	0.79 (8)	0.90 (9)
Index	0.90 (24)	0.90 (24)	1.54 (2)	0.80 (2)	0.73 (2)	1.11 (1)	1.25 (1)
Median	0.71	0.71	-4.41	-2.85	-0.90	0.08	0.27

Peer Group Analysis - IM U.S. Short Term Treasury/Govt Bonds (MF)



	2021	2020	2019	2018	2017	2016	2015
Investment	0.01 (2)	0.22 (100)	1.73 (96)	1.33 (30)	0.33 (66)	0.00 (88)	0.00 (70)
Index	0.07 (1)	0.57 (95)	2.26 (84)	1.82 (6)	0.90 (20)	0.31 (77)	0.07 (67)
Median	-1.11	3.43	3.14	1.10	0.53	0.70	0.27

Comparative Performance

	1 Qtr Ending Sep-2022	1 Qtr Ending Jun-2022	1 Qtr Ending Mar-2022	1 Qtr Ending Dec-2021	1 Qtr Ending Sep-2021	1 Qtr Ending Jun-2021
Investment	0.38 (5)	0.06 (4)	0.00 (3)	0.01 (1)	0.00 (36)	0.00 (38)
Index	0.46 (4)	0.13 (2)	0.05 (2)	0.00 (2)	0.01 (33)	0.01 (32)
Median	-1.76	-0.96	-2.43	-0.59	-0.02	-0.03

	Estimated Annual Fee (%)	Market Value ($)	Estimated Annual Fee ($)	Fee Schedule
Nationwide Inv Dest Mod Cnsrv Svc (NSDCX)	0.89	33,435	298	0.89 % of Assets
Nationwide Inv Dest Mod Svc (NSDMX)	0.89	98,961	881	0.89 % of Assets
Nationwide Inv Dest Mod Agrsv Svc (NDMSX)	0.91	244,266	2,223	0.91 % of Assets
Nationwide Inv Dest Agrsv Svc (NDASX)	0.89	18,953	169	0.89 % of Assets
Invesco Growth and Income A (ACGIX)	0.83	327,154	2,715	0.83 % of Assets
Nationwide S&P 500 Index Instl Svc (GRISX)	0.42	683,919	2,872	0.42 % of Assets
Fidelity® Contrafund® (FCNTX)	0.71	393,659	2,795	0.71 % of Assets
Nationwide Mid Cap Market Index A (GMXAX)	0.69	187,267	1,292	0.69 % of Assets
Nationwide Small Company Growth InSvc (NWSIX)	1.33	22,317	297	1.33 % of Assets
Invesco International Growth (AIEVX)	0.98	82,521	809	0.98 % of Assets
MFS International Value R3 (MINGX)	1.01	195,859	1,978	1.01 % of Assets
American Funds New World R4 (RNWEX)	1.00	31,241	312	1.00 % of Assets
PIMCO Total Return A (PTTAX)	0.86	82,404	709	0.86 % of Assets
Cohen & Steers Real Estate Securities A (CSEIX)	1.22	229,487	2,800	1.22 % of Assets
Allspring Discovery Fund (WFDDX)	1.12	138,454	1,551	1.12 % of Assets
NVIT Multi-Manager Small Cap	1.20	143,355	1,720	1.20 % of Assets
Nationwide US Small Cap Value Instl Svc (NWUSX)	1.32	188,110	2,483	1.32 % of Assets
Invesco Oppenheimer Global A (OPPAX)	1.15	86,245	992	1.15 % of Assets
PIMCO International Bond USD Hedged A (PFOAX)	0.90	56,465	508	0.90 % of Assets
Nationwide Gov't Money Market	0.08	70,197	56	0.08 % of Assets

Active Return	- Arithmetic difference between the manager's performance and the designated benchmark return over a specified time period.
Alpha	- 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.
Beta	- A measure of the sensitivity of a portfolio to the movements in the market. It is a measure of the portfolio's systematic risk.
Consistency	- 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.
Distributed to Paid In (DPI)	- 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.
Down Market Capture	- The ratio of average portfolio performance over the designated benchmark during periods of negative returns. A lower value indicates better product performance
Downside Risk	- 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.
Excess Return	- Arithmetic difference between the manager's performance and the risk-free return over a specified time period.
Excess Risk	- A measure of the standard deviation of a portfolio's performance relative to the risk free return.
Information Ratio	- 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.
Public Market Equivalent (PME)	- 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.
R-Squared	- 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.
Return	- Compounded rate of return for the period.
Sharpe Ratio	- 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.
Standard Deviation	- 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.
Total Value to Paid In (TVPI)	- 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
Tracking Error	- This is a measure of the standard deviation of a portfolio's returns in relation to the performance of its designated market benchmark.
Treynor Ratio	- 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.
Up Market Capture	- 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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