State of Wisconsin Deferred Compensation Plan

Investment Performance and Expense Ratio Review

Performance as of June 30, 2020

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Executive Summary





Wisconsin Deferred Compensation Program – Asset Class Coverage

	Core "Doers"									
Stable Value/ Money Market	Fixed Income	Large Cap Value	Large Cap Core	Large Cap Growth	Mid Cap	Small Cap	Global/ International			
FDIC Bank Option, Vanguard Treasury Money Market, Stable Value Fund	BlackRock US Debt Index, Vanguard Long-Term Investment Grade, Dodge & Cox Income	Bridgeway Large Cap Value	Vanguard Institutional 500 Trust Index	Fidelity Contrafund Commingled Pool, Calvert U.S. Core Large Cap Resp Idx	BlackRock Mid Cap Equity Index, T.Rowe Price Instl Mid-Cap Equity	BlackRock Russell 2000 Index, DFA US Micro Cap	American Funds Europacific Growth, Blackrock EAFE Equity Index			

	Asset Allocation "Delegators"
Balanced/Lifestyle/Lifecycle	Managed Accounts

Vanguard Target Retirement Trusts, Vanguard Wellington

Professional Management Program - Ibbotson

	Specialty "Sophisticates"	
Brokerage	Other	Company Stock

Schwab

This graph is intended to show generally the anticipated relationship between various asset classes and the corresponding funds within each asset class available through your plan. Please note this is not intended to predict an actual level of return or risk for these funds. The historical returns and risk for these funds may vary significantly from the linear relationship represented above. Please refer to the funds' prospectuses and shareholder reports for actual return information.

Generally, the asset allocation of each target date fund will change on an annual basis with the asset allocation becoming more conservative as the fund nears the target retirement date. The target date is the approximate date when investors plan to start withdrawing their money.

The principal value of the fund(s) in a plan's lineup is not guaranteed at any time, including at the time of target date and/or withdrawal.

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Performance Benchmarking

Name	Total Ret 3 Mth	Total Ret 1 Yr	Total Ret 3 Yr	Total Ret 5 Yr	Total Ret 10 Yr	Total Net Assets \$M	Expense Ratio
American Funds EuroPacific Gr R6	22.77	3.17	4.76	4.90	7.48	160,307	0.46
Morningstar Foreign Large Growth A	vg 21.42	6.44	6.05	5.58	7.79	-	1.12
MSCI EAFE Inde	ex 14.88	-5.13	0.81	2.05	5.73	-	-
MSCI ACWI ex U.	S. 16.12	-4.80	1.13	2.26	4.97	-	-
Blackrock EAFE Equity Index Coll T	15.11	-4.76	1.21	2.44	6.21	-	0.04
MSCI EAFE Inde	ex 14.88	-5.13	0.81	2.05	5.73	-	-
DFA US Micro Cap I	21.64	-14.92	-2.51	1.81	9.74	5,052	0.51
Morningstar Small Cap Blend A	vg 22.95	-11.41	-0.64	2.49	9.32	-	1.11
Russell 2000 Inde	ex 25.42	-6.63	2.01	4.29	10.50	-	-
Blackrock Russell 2000 Index Coll M	25.40	-6.61	2.11	4.44	-	-	0.03
Russell 2000 Inde	ex 25.42	-6.63	2.01	4.29	10.50	-	-
T. Rowe Price Instl Mid-Cap Equity Gr	28.62	3.55	11.58	11.09	15.47	7,014	0.61
Morningstar Mid Cap Growth A	vg 30.27	9.65	12.58	9.92	13.57	-	1.17
Russell Mid Cap Growth Inde	ex 30.26	11.91	14.76	11.60	15.09	-	-
S&P Midcap 400 Inde	ex 24.07	-6.70	2.39	5.22	11.34	-	-
Blackrock Midcap Equity Index Coll F	24.09	-6.56	2.48	5.30	11.42	-	0.02
S&P MidCap 400 Inde	ex 24.07	-6.70	2.39	5.22	11.34	-	-
Calvert US Large Cap Core Rspnb ldx R6	22.72	11.61	12.19	10.95	14.36	4,662	0.19
S&P 500 Inde	ex 20.54	7.51	10.73	10.73	13.99	-	-
Morningstar Socially Resp Large Cap Avg	** 22.50	7.74	10.75	9.88	13.13	-	0.96
Morningstar Large Cap Growth A	vg 27.43	17.34	15.95	12.84	15.12	-	1.06
Fidelity Contrafund Commingled Pool Cl 2	26.31	17.88	16.88	14.39	-		0.38
Morningstar Large Cap Growth A	vg 27.43	17.34	15.95	12.84	15.12	-	1.06
Russell 1000 Growth Inde	ex 27.84	23.28	18.99	15.89	17.23	-	-
S&P 500 Inde	ex 20.54	7.51	10.73	10.73	13.99	-	-

Past performance is no guarantee of future results. Rankings provided based on total returns. Performance quoted for mutual funds may include performance of a predecessor fund/share class prior to the share class commencement of operations.

^{**}This index is a compilation of all Large Cap Socially Conscious Funds in the Morningstar Database

Performance Benchmarking

Name	Total Ret 3 Mth	Total Ret 1 Yr	Total Ret 3 Yr	Total Ret 5 Yr	Total Ret 10 Yr	Total Net Assets \$M	Expense Ratio
American Beacon Bridgeway Lg Cap Value I CIT*	17.11	-13.92	-0.75	2.53	9.43	1,778	0.55
Morningstar Large Cap Value Avg	5.54	6.83	4.58	3.98	4.16	-	-
Russell 1000 Value Index	6.02	8.38	5.38	4.74	4.53	-	-
Vanguard Institutional 500 Index Trust**	20.55	7.50	10.73	10.72	13.98		0.01
S&P 500 Index	20.54	7.51	10.73	10.73	13.99	-	-
Vanguard Wellington Adm	12.03	4.87	7.36	7.82	9.97	103,569	0.17
Morningstar Moderate Allocation Avg	13.05	2.30	5.04	5.22	7.88	-	1.10
Composite 65% S&P 500 / 35% Barclay's Aggregate	14.37	7.94	8.84	8.48	10.43	-	-
Composite 65% S&P 500 / 35% Barclay's U.S. Credit A or Better ldx	15.82	8.53	9.21	8.99	10.97	-	-
Vanguard Long-Term Investment-Grade Adm	8.34	16.88	9.73	9.29	8.22	20,191	0.12
Barclay's LT Corporate A	7.04	10.43	6.37	5.75	5.37	-	-
Morningstar Corp Bond	9.27	7.98	5.39	5.05	5.09	-	0.80
Dodge & Cox Income	6.02	8.38	5.38	4.74	4.53	64,150	0.42
Morningstar Interm Core-Plus Bond Avg	5.54	6.83	4.58	3.98	4.16	-	-
BarCap US Agg Bond TR USD	2.90	8.74	5.32	4.30	3.82	-	-
Blackrock US Debt Index Fund Coll W	2.96	8.78	5.36	4.35	-	-	0.03
BarCap US Agg Bond TR USD	2.90	8.74	5.32	4.30	3.82	-	-
Vanguard Admiral Treasury Money Mkt Inv	0.08	1.40	1.62	1.08	0.55	39,508	0.09
Morningstar Taxable Money Mkt Avg	0.00	1.04	1.27	0.80	0.40	-	0.46
U.S. Treasury 90-Day T-Bill	0.04	1.20	1.62	1.12	0.59	-	-
iMoney Net Average Treasury MM	0.03	0.97	1.15	0.71	0.36	-	-
Stable Value Fund	0.59	2.51	2.34	2.16	2.32	743	0.29
5 Yr. Constant Maturity Treasury Yield	0.36	1.19	2.01	1.82	1.57	-	-



^{*} The American Beacon CIT returns presented in italics are linked to mutual fund performance.

^{**} Italicized returns are taken from mutual fund share class..

3-Year Percentile Ranks 6/30/2020

	Q2 2020	Q1 2020	Q4 2019	Q3 2019	Q2 2019	Q1 2019	Q4 2018	Q3 2018	Q2 2018	Q1 2018
Group/Investment	% of Peer Group Beaten									
Amer Beacon Bridgeway Lg Cp Val Inst	13	10	15	16	21	15	21	62	68	78
American Funds Europacific Growth R6	42	31	53	61	73	72	69	56	59	66
BlackRock EAFE® Equity Index F	69	74	72	87	79	59	59	56	58	46
Blackrock Mid Cap Eq Idx Fund CF	45	52	52	61	61	68	90	73	90	90
BlackRock Russell 2000® Index F	84	81	81	69	81	85	73	85	81	82
Blackrock US Debt Idx Fund CF	83	95	78	73	63	61	66	64	70	73
Calvert US Large Cap Core Rspnb Idx I	96	90	87	83	90	88	74	70	54	69
DFA US Micro Cap I	23	31	31	46	54	60	71	83	82	79
Dodge & Cox Income	82	69	75	83	85	87	87	86	91	87
Fidelity Contrafund Commingled Pl 2	58	58	63	68	63	43	53	46	70	71
T. Rowe Price Mid-Cap Growth	36	45	66	71	62	57	72	55	68	86
Vanguard Institutional Index Instl Pl	84	81	83	82	84	87	89	92	93	91
Vanguard Long-Term Invest-Grade Adm	72	77	54	63	55	68	67	69	81	76
Vanguard Target Retire 2015 Trust I	74	87	69	66	67	65	65	62	64	65
Vanguard Target Retire 2025 Trust I	85	80	92	85	81	76	87	85	87	85
Vanguard Target Retire 2035 Trust I	80	79	76	71	81	78	77	74	75	76
Vanguard Target Retire 2045 Trust I	80	73	79	79	79	76	79	82	83	88
Vanguard Target Retire 2055 Trust I	81	78	71	65	72	69	80	69	67	75
Vanguard Target Retire Inc Trust I	84	90	72	67	58	51	68	57	67	75
Vanguard Wellington™ Admiral™	81	87	91	94	90	92	95	92	93	97

^{1&}lt;sup>st</sup> Quartile 2nd Quartile 3rd Quartile 4th Quartile

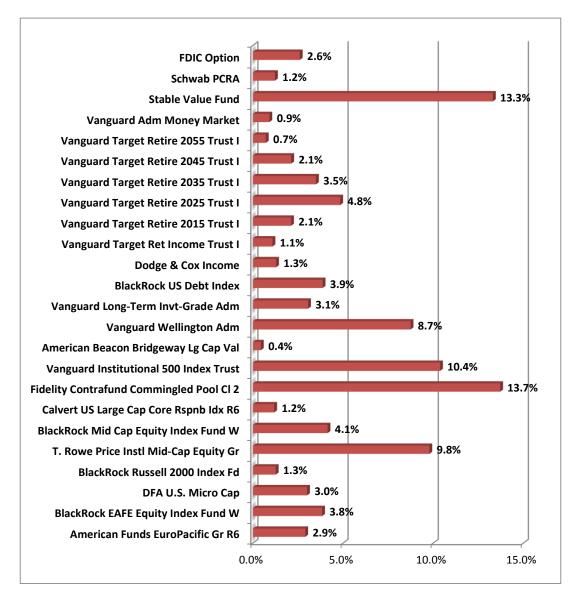
Past performance is no guarantee of future results. Rankings provided based on total returns. Performance quoted for mutual funds may include performance of a predecessor fund/share class prior to the share class commencement of operations.

^{*} Percentile ranks shown for American Beacon Bridgeway and Calvert US Large Cap Responsible Index are taken from oldest share class of their respective mutual funds.

	Plan Inception Date	Fund Net Assets	WDC Assets in Fund	WDC as a Percentage of Fund Assets	Fund as a Percentage of WDC Assets	Number of Participants	Percentage of WDC Participants Utilizing Fund
American Funds EuroPacific Gr R6	1/28/2005	\$160,306,636,800	\$161,898,933	0.10%	2.90%	23,577	35.43%
BlackRock EAFE Equity Index Fund W	2/1/2001	\$40,205,573,217	\$214,031,308	0.53%	3.83%	22,923	34.45%
DFA U.S. Micro Cap	2/1/1997	\$5,052,071,814	\$167,543,279	3.32%	3.00%	11,181	16.80%
BlackRock Russell 2000 Index Fd	2/20/2004	\$696,839,096	\$70,614,018	10.13%	1.27%	16,088	24.18%
T. Rowe Price Instl Mid-Cap Equity Gr	2/1/1998	\$7,014,194,953	\$546,091,837	7.79%	9.78%	33,024	49.63%
BlackRock Mid Cap Equity Index Fund W	2/1/2001	\$5,435,348,421	\$230,921,120	4.25%	4.14%	24,555	36.90%
Calvert US Large Cap Core Rspnb ldx R6	4/18/2003	\$4,661,549,551	\$65,808,664	1.41%	1.18%	3,366	5.06%
Fidelity Contrafund Commingled Pool CI 2	1/31/1994	\$121,366,582,554	\$765,260,775	0.63%	13.71%	24,463	36.76%
Vanguard Institutional 500 Index Trust	9/9/1990	\$78,000,000,000	\$579,146,548	0.74%	10.38%	30,418	45.71%
American Beacon Bridgeway Lg Cap Val	11/1/2017	\$227,000,000	\$24,577,242	10.83%	0.44%	18,042	27.11%
Vanguard Wellington Adm	10/26/2001	\$103,569,284,749	\$488,011,789	0.47%	8.74%	26,149	39.30%
Vanguard Long-Term Invt-Grade Adm	10/26/2001	\$20,191,446,113	\$170,647,641	0.85%	3.06%	15,463	23.24%
BlackRock US Debt Index	2/1/2001	\$13,830,716,829	\$215,697,439	1.56%	3.86%	21,301	32.01%
Dodge & Cox Income	1/2/1989	\$64,150,020,664	\$71,683,939	0.11%	1.28%	14,291	21.48%
Vanguard Target Ret Income Trust I	7/29/2005	\$11,000,000,000	\$60,528,700	0.55%	1.08%	1,872	2.81%
Vanguard Target Retire 2015 Trust I	7/29/2005	\$11,500,000,000	\$118,046,366	1.03%	2.12%	2,783	4.18%
Vanguard Target Retire 2025 Trust I	7/29/2005	\$53,400,000,000	\$270,160,365	0.51%	4.84%	6,308	9.48%
Vanguard Target Retire 2035 Trust I	7/29/2005	\$49,600,000,000	\$195,221,500	0.39%	3.50%	6,793	10.21%
Vanguard Target Retire 2045 Trust I	7/29/2005	\$37,800,000,000	\$118,536,320	0.31%	2.12%	6,480	9.74%
Vanguard Target Retire 2055 Trust I	8/18/2010	\$17,600,000,000	\$39,853,142	0.23%	0.71%	4,166	6.26%
Vanguard Adm Money Market	10/1/1993	\$39,700,000,000	\$50,864,592	0.13%	0.91%	6,435	9.67%
Stable Value Fund	9/1/1996	N/A	\$742,811,426	N/A	13.31%	29,386	44.16%
Schwab PCRA	2/17/2000	N/A	\$68,245,086	N/A	1.22%	1,193	1.79%
FDIC Option	12/31/1996	N/A	\$144,993,273	N/A	2.60%	7,085	10.65%



Asset Summary 6/30/2020



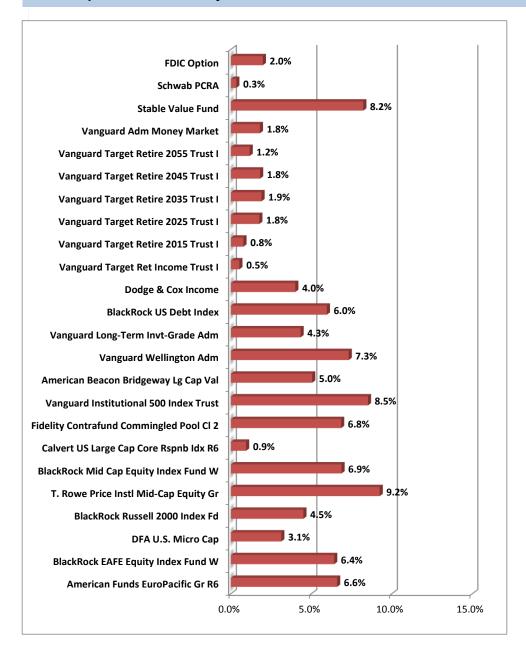
Total WDC Assets

\$5,581,195,302

Domestic Equity	\$2,449,963,482	44%
Intl Equity	\$375,930,241	7%
Asset Allocation	\$1,290,358,182	23%
Fixed Income	\$458,029,019	8%
Cash Equiv.	\$938,669,292	17%
Self-Directed Brok.	\$68,245,086	1%



Participant Summary



Total WDC Participants 66,544



Expense Summary

Name	Expense Ratio	Annual Expense per \$1000
American Funds EuroPacific Gr R6	0.46	\$4.60
Cat: Foreign Large Growth	1.12	
Blackrock EAFE Equity Index Fund W	0.04	\$0.40
Cat: Foreign Large Blend Index	0.42	
DFA U.S. Micro Cap	0.51	\$5.10
Cat: Small Blend	1.11	
Blackrock Russell 2000 Index Fd	0.03	\$0.30
Cat: Small Cap Blend Index	0.42	
T. Rowe Price Instl Mid-Cap Equity Gr	0.61	\$6.10
Cat: Mid Growth	1.17	
Blackrock Mid Cap Equity Index Fund W	0.02	\$0.20
Cat: Mid Cap Blend Index	0.47	
Calvert US Large Cap Core Rspnb ldx R6	0.19	\$1.90
Cat: Socially Resp Large Cap	0.97	
Fidelity Contrafund Commingled Pool Cl 2	0.38	\$3.80
Cat: Large Growth	1.06	
Vanguard Institutional 500 Index Trust	0.01	\$0.10
Cat: Large Cap Blend Index	0.45	
American Beacon Bridgeway Lg Cap Val	0.55	\$5.50
Cat: Large Value	0.99	
Stable Value Fund	0.32	\$3.20
Cat: Stable Value	0.70	
Dodge & Cox Income	0.42	\$4.20
Cat: Interm. Core-Plus Bond	0.79	

Asset-Weighted Average Expense Ratio: 0.18%

Name	Expense Ratio	Annual Expense per \$1000
Vanguard Wellington Adm	0.17	\$1.70
Cat: Moderate Allocation	1.10	
Vanguard Target Retirement 2055 Inv	0.07	\$0.70
Cat: Target Date 2050+	0.76	
Vanguard Target Retirement 2045 Inv	0.07	\$0.70
Cat: Target Date 2041-2045	0.75	
Vanguard Target Retirement 2035 Inv	0.07	\$0.70
Cat: Target Date 2031-2035	0.74	
Vanguard Target Retirement 2025 Inv	0.07	\$0.70
Cat: Target Date 2021-2025	0.72	
Vanguard Target Retirement 2015 Inv	0.07	\$0.70
Cat: Target Date 2011-2015	0.65	
Vanguard Target Retirement Income Inv	0.07	\$0.70
Cat: Retirement Income	0.75	
Vanguard Long-Term Invmt-Grade Adm	0.12	\$1.20
Cat: Corporate Bond	0.80	
Blackrock US Debt Index	0.03	\$0.30
Cat: Intermediate Bond Index	0.30	
Vanguard Adm Money Market	0.09	\$0.90
Average US Taxable Money Market Fund	0.46	

^{*} The Dodge & Cox Income Fund shares revenue back to the plan's participants, which is not reflected in the expense ratios above. The expense ratio of the fund including this reimbursement would be 0.32% annually.



Target Date Fund Summary



Vanguard Target Retire Inc Trust I 7.88 5.79 5.39 4.93 5.84 11,000 S&P Target Date Retirement Income TR USD 8.18 5.40 5.17 4.70 5.54 - Composite Returns* 7.39 6.02 5.06 4.50 5.21 - Vanguard Target Retire 2015 Trust I 8.88 5.56 5.78 5.47 7.55 11,500 S&P Target Date 2015 TR USD 9.77 4.73 5.35 5.30 7.10 - Composite Returns* 8.27 5.61 5.06 4.57 5.52 - Vanguard Target Retire 2025 Trust I 13.23 4.95 6.33 6.29 8.88 53,400 S&P Target Date 2025 TR USD 12.25 3.66 5.57 5.82 8.31 - Composite Returns* 12.22 3.74 5.05 4.92 6.87 - Vanguard Target Retire 2035 Trust I 15.95 4.06 6.45 6.62 9.84 49,600 S&P Target Date 2035 TR USD 15.55 </th <th>0.07 - - 0.07 - - 0.07</th> <th>5 - - 4 - - 3</th> <th>17 - - 20 - - - 35</th> <th>12 - - 14 - - 24</th> <th>66 - - 61 - - 38</th> <th>0 - - 0 - -</th>	0.07 - - 0.07 - - 0.07	5 - - 4 - - 3	17 - - 20 - - - 35	12 - - 14 - - 24	66 - - 61 - - 38	0 - - 0 - -
Composite Returns* 7.39 6.02 5.06 4.50 5.21 - Vanguard Target Retire 2015 Trust I 8.88 5.56 5.78 5.47 7.55 11,500 S&P Target Date 2015 TR USD 9.77 4.73 5.35 5.30 7.10 - Composite Returns* 8.27 5.61 5.06 4.57 5.52 - Vanguard Target Retire 2025 Trust I 13.23 4.95 6.33 6.29 8.88 53,400 S&P Target Date 2025 TR USD 12.25 3.66 5.57 5.82 8.31 - Composite Returns* 12.22 3.74 5.05 4.92 6.87 - Vanguard Target Retire 2035 Trust I 15.95 4.06 6.45 6.62 9.84 49,600 S&P Target Date 2035 TR USD 15.55 2.12 5.61 6.17 9.16 -	-	-	-	-	38	-
Vanguard Target Retire 2015 Trust I 8.88 5.56 5.78 5.47 7.55 11,500 S&P Target Date 2015 TR USD 9.77 4.73 5.35 5.30 7.10 - Composite Returns* 8.27 5.61 5.06 4.57 5.52 - Vanguard Target Retire 2025 Trust I 13.23 4.95 6.33 6.29 8.88 53,400 S&P Target Date 2025 TR USD 12.25 3.66 5.57 5.82 8.31 - Composite Returns* 12.22 3.74 5.05 4.92 6.87 - Vanguard Target Retire 2035 Trust I 15.95 4.06 6.45 6.62 9.84 49,600 S&P Target Date 2035 TR USD 15.55 2.12 5.61 6.17 9.16 -	-	-	-	-	38	-
S&P Target Date 2015 TR USD 9.77 4.73 5.35 5.30 7.10 - Composite Returns* 8.27 5.61 5.06 4.57 5.52 - Vanguard Target Retire 2025 Trust I 13.23 4.95 6.33 6.29 8.88 53,400 S&P Target Date 2025 TR USD 12.25 3.66 5.57 5.82 8.31 - Composite Returns* 12.22 3.74 5.05 4.92 6.87 - Vanguard Target Retire 2035 Trust I 15.95 4.06 6.45 6.62 9.84 49,600 S&P Target Date 2035 TR USD 15.55 2.12 5.61 6.17 9.16 -	-	-	-	-	38	-
Composite Returns* 8.27 5.61 5.06 4.57 5.52 - Vanguard Target Retire 2025 Trust I 13.23 4.95 6.33 6.29 8.88 53,400 S&P Target Date 2025 TR USD 12.25 3.66 5.57 5.82 8.31 - Composite Returns* 12.22 3.74 5.05 4.92 6.87 - Vanguard Target Retire 2035 Trust I 15.95 4.06 6.45 6.62 9.84 49,600 S&P Target Date 2035 TR USD 15.55 2.12 5.61 6.17 9.16 -	-	- - 3	35	- - 24	38	0
Vanguard Target Retire 2025 Trust I 13.23 4.95 6.33 6.29 8.88 53,400 S&P Target Date 2025 TR USD 12.25 3.66 5.57 5.82 8.31 - Composite Returns* 12.22 3.74 5.05 4.92 6.87 - Vanguard Target Retire 2035 Trust I 15.95 4.06 6.45 6.62 9.84 49,600 S&P Target Date 2035 TR USD 15.55 2.12 5.61 6.17 9.16 -	0.07	3	- 35 -	- 24 -		0
S&P Target Date 2025 TR USD 12.25 3.66 5.57 5.82 8.31 - Composite Returns* 12.22 3.74 5.05 4.92 6.87 - Vanguard Target Retire 2035 Trust I 15.95 4.06 6.45 6.62 9.84 49,600 S&P Target Date 2035 TR USD 15.55 2.12 5.61 6.17 9.16 -	0.07	3	35	24		0
Composite Returns* 12.22 3.74 5.05 4.92 6.87 - Vanguard Target Retire 2035 Trust I 15.95 4.06 6.45 6.62 9.84 49,600 S&P Target Date 2035 TR USD 15.55 2.12 5.61 6.17 9.16 -	-	-	-	-		
Vanguard Target Retire 2035 Trust I 15.95 4.06 6.45 6.62 9.84 49,600 S&P Target Date 2035 TR USD 15.55 2.12 5.61 6.17 9.16 -					_	
S&P Target Date 2035 TR USD 15.55 2.12 5.61 6.17 9.16 -	-	-	-	-	-	-
	0.07	3	44	30	23	0
Composite Returns* 14.64 2.55 5.03 5.12 7.69 -	-	-	-	-	-	-
	-	-	-	-	-	-
Vanguard Target Retire 2045 Trust I 18.63 3.06 6.41 6.79 10.10 37,800	0.07	2	53	35	9	0
S&P Target Date 2045 TR USD 17.29 1.20 5.56 6.34 9.61 -	-	-	-	-	-	-
Composite Returns* 17.09 1.40 5.04 5.34 8.53 -	-	-	-	-	-	-
Vanguard Target Retire 2055 Trust I 18.65 3.07 6.40 6.77 - 17,600	0.07	3	53	35	9	0
S&P Target Date 2055+ TR USD 17.76 0.89 5.54 6.45		-	-	-	-	-
Composite Returns* 16.94 1.44 5.02 5.32 8.47 -	_					

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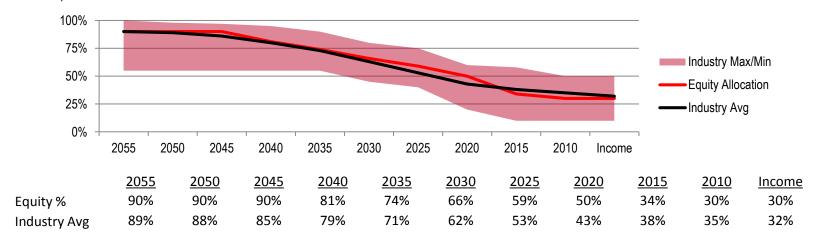


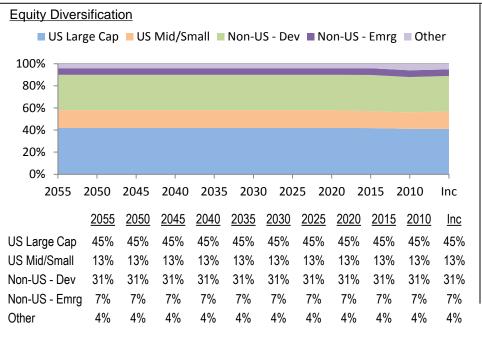
^{*}Composite benchmark consists of the following indices weighted to match the allocation of the specific target date fund: MSCI Broad Market, MSCI EAFE, Barclays Aggregate Bond, and Barclays US Treasury 1-3 Month

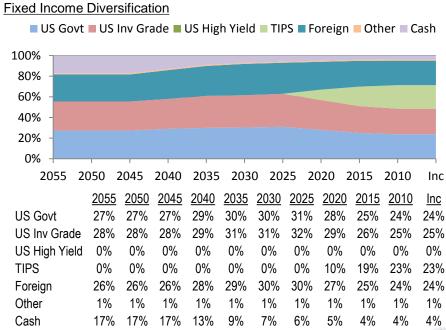
6/30/2020

Glide Path Summary

Data as of June 30, 2020







Expense Ratio Information



Expense Summary 6/30/2020

	Net Expense Ratio	Peer Rank	Gross Expense Ratio	Peer Rank
Cash Equiv				
Stable Value				
Stable Value (Wisconsin)	0.29		0.29	
Fixed Income				
Money Market-Taxable				
Vanguard Treasury Money Market Investor	0.09	2	0.09	1
Money Market-Taxable Median	0.50		0.59	
ntermediate Core Bond				
BlackRock US Debt Index-W	0.04	3	0.04	2
Intermediate Core Bond Median	0.80		0.98	
Intermediate Core-Plus Bond				
Dodge & Cox Income	0.42	13	0.42	7
Intermediate Core-Plus Bond Median	0.69		0.83	
Long-term Bond				
Vanguard Long-Term Investment-Grade Adm	0.12	15	0.12	15
Long-Term Bond Median	0.75		0.89	
Balanced				
Allocation50% to 70% Equity				
Vanguard Wellington Admiral	0.17	1	0.17	1
Allocation50% to 70% Equity Median	1.15		1.29	
Target-Date Retirement				
The Vanguard Target Retire Inc Trust I	0.07	1	0.07	1
Target-Date Retirement Median	0.81		1.06	
Target-Date 2015				
The Vanguard Target Retire 2015 Trust I	0.07	1	0.07	1
Target-Date 2015 Median	0.84		1.16	
Target-Date 2025				
The Vanguard Target Retire 2025 Trust I	0.07	1	0.07	1
Target-Date 2025 Median	0.79		1.03	
Target-Date 2035				
The Vanguard Target Retire 2035 Trust I	0.07	1	0.07	1
Target-Date 2035 Median	0.80		1.09	

Past performance is no guarantee of future results. Rankings provided based on total returns. Performance quoted for mutual funds may include performance of a predecessor fund/share class prior to the share class commencement of operations.



Expense Summary 6/30/2020

	Net Expense Ratio	Peer Rank	Gross Expense Ratio	Peer Rank
Target-Date 2045				
The Vanguard Target Retire 2045 Trust I	0.07	1	0.07	1
Target-Date 2045 Median	0.80		1.14	
Target-Date 2055				
The Vanguard Target Retire 2055 Trust I	0.07	1	0.07	1
Target-Date 2055 Median	0.77		1.21	
Equity				
Large Value				
Bridgeway Large Cap Value CIT Class I	0.55	12	0.55	10
Large Value Median	1.02		1.19	
Large Blend				
Vanguard Institutional Index Instl PI	0.02	1	0.02	1
Calvert US Large Cap Core Rspnb ldx R6	0.19	6	0.32	9
Large Blend Median	1.00		1.18	
Large Growth				
Fidelity Contrafund Commingled Pool CI 2	0.38	4	0.38	4
Large Growth Median	1.12		1.27	
Mid-Cap Blend				
BlackRock Mid Cap Equity Index- F	0.03	1	0.03	1
Mid-Cap Blend Median	1.10		1.27	
Mid-Cap Growth				
T. Rowe Price Instl Mid-Cap Equity Gr	0.61	5	0.61	4
Mid-Cap Growth Median	1.24		1.43	
Small Blend				
DFA US Micro Cap I	0.51	11	0.51	10
BlackRock Russell 2000 Index-T	0.06	2	0.06	2
Small Blend Median	1.15		1.29	
International				
Foreign Large Blend				
BlackRock EAFE Equity Index-T	0.06	2	0.08	3
Foreign Large Blend Median	1.08		1.28	

Past performance is no guarantee of future results. Rankings provided based on total returns. Performance quoted for mutual funds may include performance of a predecessor fund/share class prior to the share class commencement of operations.



Expense Summary 6/30/2020

	Net Expense Ratio	Peer Rank	Gross Expense Ratio	Peer Rank
Foreign Large Growth				
American Funds Europacific Growth R6	0.46	4	0.46	3
Foreign Large Growth Median	1.15		1.30	



Fund Analysis

Please consider the investment objectives, risks, fees and expenses carefully before investing. The prospectus contains this and other information about the investment options. Depending on the investment options offered in your Plan, your registered representative can provide you with prospectuses for any mutual funds; any applicable annuity contracts and the annuity's underlying funds; and/or disclosure documents for investment options exempt from SEC registration. Please read them carefully before investing.

Past performance is not indicative of future results. Performance includes the reinvestment of any income. Returns will fluctuate; and an investment upon redemption may be worth more or less than its original value. Current performance may be higher or lower than the performance data shown. For up-to-date month end performance information please call 800-345-2345.

Rankings provided based on total return.

Sources: MPI Stylus Web, Morningstar, individual investment managers



In order to present the most complete information possible, mutual fund share classes are used as a proxy in the following pages for the commingled trusts included in the Deferred Compensation Plan. To indicate these pages, the fund name at the top of the page has been italicized.

Stable Value (Wisconsin)

6/30/2020

Fund Incep Date: 07/01/1998

Benchmark:

ML 3-month T-Bill

Category: Stable Value Net Assets: \$742.72M Manager Name: Team Managed Manager Start Date: 06/30/1998

Expense Ratio: 0.29%

Expense Rank:

PORTFOLIO COMPOSITION (Holdings-based)

Assets



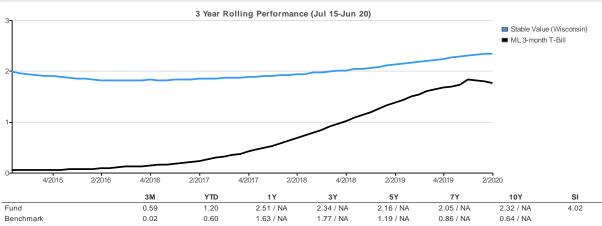
Sector Breakdown

Sensitive	
Communication Services	0.00%
Industrials	0.00%
Technology	0.00%
Energy	0.00%
Cyclical	
Basic Materials	0.00%
Consumer Cyclical	0.00%
Real Estate	0.00%
Financial Services	0.00%
Defensive	
Consumer Defensive	0.00%
Healthcare	0.00%
Utilities	0.00%
TOP 10 HOLDINGS	

INVESTMENT OVERVIEW

To provide safety of principal and a stable crediting rate, while generating a competitive return.

PERFORMANCE



CALENDAR	2019	2018	2017	2016	2015	2014	2013	2012	2011
Fund	2.56	2.25	1.89	1.89	1.85	1.73	2.10	2.63	3.13
Benchmark	2.28	1.87	0.86	0.33	0.05	0.03	0.07	0.11	0.10

Total: NA%

ASSET LOADINGS (Returns-based)

100-	FUND EXPOSURES (W EIGHT) (Jul 17-Jun 20)
100-	
75-	
50-	
25-	
0-	

		Current		Ave	erage
		Fund	Bmk	Fund	Bmk
T	Cash	98.2	100.0	99.4	100.0
-1	Mortgages	0.0	0.0	0.0	0.0
- 1	Gov/Corp Bonds	1.8	0.0	0.6	0.0

RISK & PERFORMANCE STATISTICS

3 Yr	Fund	Benchmark
Alpha	0.56	0.00
Beta	0.00	0.00
R-Squared	0.00	0.00
Sharpe Ratio	7.61	0.00
Up Market Capture	132.48	100.00
Down Market Capture	NA	NA

5 Yr	Fund	Benchmark
Alpha	0.95	0.00
Beta	0.00	0.00
R-Squared	0.00	0.00
Sharpe Ratio	10.62	0.00
Up Market Capture	174.65	100.00
Down Market Capture	-2787.19	100.00

NOTES



Vanguard Treasury Money Market Investor VUSXX

0.00%

6/30/2020

Fund Incep Date: 12/14/1992

Benchmark:

FTSE Treasury Bill 3 Mon

Category: Money Market-Taxable Net Assets: \$39,697.00M Manager Name:

Manager Start Date:

Expense Ratio: 0.09%

Expense Rank:

PORTFOLIO COMPOSITION (Holdings-based)

Assets



Credit Quality (%)

AAA AA

A

BBB BB

В

Below B NR/NA

Total:

•	c+	۸r	10/	١.

3ector (76)	
% Government	26.50%
% Municipal	0.00%
% Corporate	0.00%
% Securitized	0.00%
% Cash and Equivalent	73.50%
% Derivative	0.00%
Total:	100.00%

ASSET LOADINGS (Returns-based)

FUND EXPOSURES (W EIGHT) (Jul 17-Jun 20)

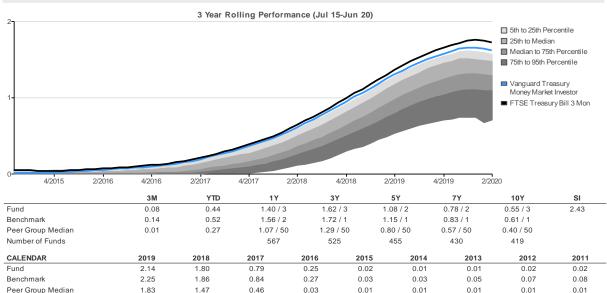
755025-

		Current		Ave	rage
		Fund	Bmk	Fund	Bmk
Т	Cash	98.5	98.7	99.4	99.5
1	Credit Bond	0.3	0.3	0.1	0.1
1	Govt Bond	0.0	0.0	0.0	0.0
	HY Corp Bond	1.0	1.0	0.4	0.4
1	MBS	0.0	0.0	0.0	0.0
1	Muni Bond	0.2	0.0	0.1	0.0
100	TIPS	0.0	0.0	0.0	0.0

INVESTMENT OVERVIEW

The investment seeks to provide current income while maintaining liquidity and a stable share price of \$1. The fund invests solely in high-quality, short-term money market securities whose interest and principal payments are backed by the full faith and credit of the U.S. government. At least 80% of the fund's assets will be invested in U.S. Treasury securities; the remainder of the assets may be invested in securities issued by U.S. governmental agencies. The fund maintains a dollar-weighted average maturity of 60 days or less and a dollar-weighted average life of 120 days or less.

PERFORMANCE



NOTES

3 Yr	Fund	Benchmark	Peer Group Median
Alpha	-0.10	0.00	-0.43
Beta	1.01	1.00	1.08
R-Squared	96.84	100.00	90.38
Sharpe Ratio	-0.82	-0.24	-2.58
Up Market Capture	94.03	100.00	74.64
Down Market Capture	NΔ	NΔ	NΔ

5 Yr	Fund	Benchmark	Peer Group Median
Alpha	-0.07	0.00	-0.35
Beta	1.01	1.00	1.08
R-Squared	95.45	100.00	78.37
Sharpe Ratio	-0.46	-0.17	-1.71
Up Market Capture	94.14	100.00	69.54
Down Market Capture	NA	NA	NA



iShares US Aggregate Bond Index K WFBIX (Blackrock U.S. Debt Index)

6/30/2020

Fund Incep Date: 07/02/1993 Benchmark :

BBgBarc US Aggregate Bond Index

Category: Intermediate Core Bond Net Assets: \$2.343.00M Manager Name : Scott Radell Manager Start Date : 05/01/2009 Expense Ratio : 0.05%

Expense Rank:

PORTFOLIO COMPOSITION (Holdings-based)

Assets



Credit Quality (%)

AA 2.74% A 12.59% BBB 14.11% BB 0.00% B 0.00% Below B 0.00% NR/NA 0.00%	orount quanty (70)	
A 12.59% BBB 14.11% BB 0.00% B 0.00% NR/NA 0.00%	AAA	70.56%
BBB 14.11% BB 0.00% B 0.00% Below B 0.00% NR/NA 0.00%	AA	2.74%
BB 0.00% B 0.00% Below B 0.00% NR/NA 0.00%	A	12.59%
B 0.00% Below B 0.00% NR/NA 0.00%	BBB	14.11%
Below B 0.00% NR/NA 0.00%	BB	0.00%
NR/NA 0.00%	В	0.00%
	Below B	0.00%
Total: 100.00%	NR/NA	0.00%
	Total:	100.00%

Sector (%)

Geoloi (76)	
% Government	39.69%
% Municipal	0.62%
% Corporate	24.92%
% Securitized	21.42%
% Cash and Equivalent	13.36%
% Derivative	0.00%
Total:	100.01%

ASSET LOADINGS (Returns-based)

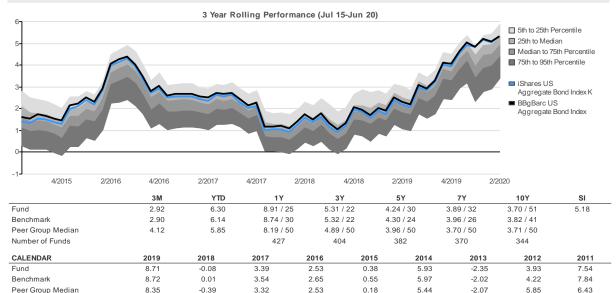


U		Current		Average	
		Fund	Bmk	Fund	Bmk
Т	Cash	2.3	1.1	1.3	0.7
1	Credit Bond	26.9	30.0	29.2	30.2
1	Govt Bond	41.9	41.9	42.2	41.4
	HY Corp Bond	0.0	0.0	0.0	0.0
1	MBS	23.8	25.2	25.1	26.7
1	Muni Bond	1.9	1.6	1.2	0.9
1	TIPS	3.3	0.2	1.0	0.0

INVESTMENT OVERVIEW

The investment seeks to provide investment results that correspond to the total return performance of fixed-income securities in the aggregate, as represented by the Bloomberg Barclays U.S. Aggregate Bond Index. The fund is a "feeder" fund that invests all of its assets in the Master Portfolio of MIP, which has the same investment objective and strategies as the fund. Under normal circumstances, at least 90% of the value of the fund's assets, plus the amount of any borrowing for investment purposes, is invested in securities comprising the Barclays U.S. Aggregate Index.

PERFORMANCE



NOTES

3 Yr	Fund	Benchmark	Peer Group Median
Alpha	0.02	0.00	-0.40
Beta	0.99	1.00	1.03
R-Squared	99.69	100.00	88.36
Sharpe Ratio	1.07	1.07	0.89
Up Market Capture	98.89	100.00	99.62
Down Market Capture	96.86	100.00	114.74
5 Yr	Fund	Benchmark	Peer Grou Median

5 Yr	Fund	Benchmark	Peer Group Median
Alpha	-0.05	0.00	-0.26
Beta	0.99	1.00	1.01
R-Squared	99.70	100.00	88.65
Sharpe Ratio	0.98	1.00	0.87
Up Market Capture	98.93	100.00	98.80
Down Market Capture	99.94	100.00	110.15



Dodge & Cox Income DODIX

6/30/2020

Fund Incep Date: 01/03/1989

Benchmark:

BBgBarc US Aggregate Bond Index

Category: Intermediate Core-Plus Bond Net Assets: \$64,150.00M Manager Name: Dana M. Emery Manager Start Date: 01/03/1989

Expense Ratio: 0.42%

Expense Rank:

PORTFOLIO COMPOSITION (Holdings-based)

Assets



Credit Quality (%)

53.90%
5.40%
10.30%
23.40%
7.00%
0.00%
0.01%
0.00%
100.01%

Sector (%)

Sector (78)	
% Government	8.81%
% Municipal	2.70%
% Corporate	39.05%
% Securitized	47.36%
% Cash and Equivalent	2.09%
% Derivative	0.00%
Total:	100.01%

ASSET LOADINGS (Returns-based)

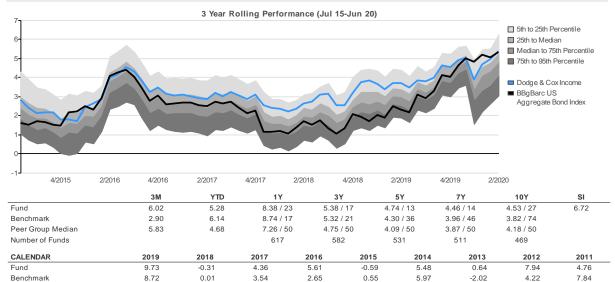


U					
		Current		Average	
		Fund	Bmk	Fund	Bmk
Т	Cash	32.9	1.1	34.6	0.7
1	Credit Bond	44.2	30.0	47.7	30.2
1	Govt Bond	4.0	41.9	1.4	41.4
1	HY Corp Bond	7.5	0.0	7.6	0.0
1	MBS	8.6	25.2	7.1	26.7
1	Muni Bond	0.0	1.6	1.1	0.9
1	TIPS	2.8	0.2	0.5	0.0

INVESTMENT OVERVIEW

The investment seeks a high and stable rate of current income, consistent with long-term preservation of capital. The fund invests in a diversified portfolio of bonds and other debt securities. Under normal circumstances, the fund will invest at least 80% of its total assets in (1) investment-grade debt securities and (2) cash equivalents. "Investment grade" means securities rated Baa3 or higher by Moody's Investors Service, or BBB- or higher by Standard & Poor's Ratings Group or Fitch Ratings, or equivalently rated by any nationally recognized statistical rating organization, or, if unrated, deemed to be of similar quality by Dodge & Cox.

PERFORMANCE



3.80

NOTES

-0.26

5.58

-1.05

7.93

6.23

RISK & PERFORMANCE STATISTICS

Peer Group Median

R-Squared

Sharpe Ratio

Up Market Capture

Down Market Capture

3 Yr	Fund	Benchmark	Peer Group Median
Alpha	0.74	0.00	-0.77
Beta	0.81	1.00	1.04
R-Squared	55.43	100.00	64.37
Sharpe Ratio	1.03	1.07	0.69
Up Market Capture	94.12	100.00	103.25
Down Market Capture	77.92	100.00	135.58
5 Yr	Fund	Benchmark	Peer Group Median
Alpha	1.14	0.00	-0.20
Beta	0.77	1.00	1.01

52.00

1.09

97.20

72.12

9.24

-0.80

100.00

100.00

100.00

1.00

4.22

68.09

103.42

121.69

0.76

^

Vanguard Long-Term Investment-Grade Adm VWETX

6/30/2020

Fund Incep Date: 02/12/2001

Benchmark:

BBgBarc US Credit A+ Long TR USD

Category: Long-term Bond Net Assets: \$20,191.00M Manager Name: Scott I. St. John Manager Start Date: 05/28/2014

Expense Ratio: 0.12%

Expense Rank:

PORTFOLIO COMPOSITION (Holdings-based)

Assets



Credit Quality (%)

15.44%
18.59%
59.96%
4.53%
0.08%
0.03%
0.00%
1.37%
100.00%

Sector (%)

Total:	99.99%
% Derivative	0.00%
% Cash and Equivalent	4.77%
% Securitized	2.18%
% Corporate	77.15%
% Municipal	10.01%
% Government	5.88%

ASSET LOADINGS (Returns-based)

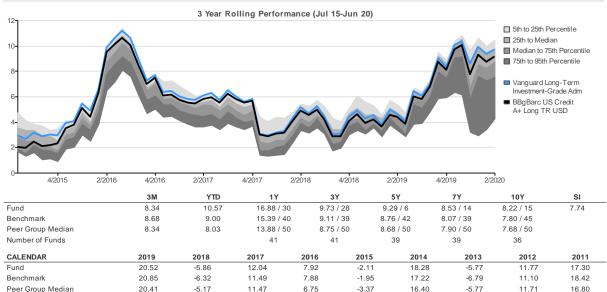


		Current		Ave	rage
		Fund	Bmk	Fund	Bmk
T	Cash	0.0	0.0	0.0	0.0
	Credit Bond	90.1	100.0	95.3	99.7
- 1	Govt Bond	9.9	0.0	4.7	0.3
	HY Corp Bond	0.0	0.0	0.0	0.0
-1	MBS	0.0	0.0	0.0	0.0
1	Muni Bond	0.0	0.0	0.0	0.0
1	TIPS	0.0	0.0	0.0	0.0

INVESTMENT OVERVIEW

The investment seeks to provide a high and sustainable level of current income. The fund invests in a variety of high-quality and, to a lesser extent, medium-quality fixed income securities, at least 80% of which will be intermediate- and long-term investment-grade securities. High-quality fixed income securities are those rated the equivalent of A3 or better; medium-quality fixed income securities are those rated the equivalent of Baa1, Baa2, or Baa3. The fund's dollar-weighted average maturity is expected to fall within a range that is five years shorter than or five years longer than that of its benchmark index.

PERFORMANCE



NOTES

3 Yr	Fund	Benchmark	Peer Group Median
Alpha	0.79	0.00	-0.15
Beta	0.97	1.00	0.95
R-Squared	98.65	100.00	92.29
Sharpe Ratio	0.90	0.81	0.78
Up Market Capture	100.29	100.00	98.39
Down Market Capture	93.38	100.00	90.80
5 Yr	Fund	Benchmark	Peer Group

5 Yr	Fund	Benchmark	Peer Group Median
Alpha	0.54	0.00	-0.32
Beta	0.99	1.00	0.99
R-Squared	98.40	100.00	91.86
Sharpe Ratio	0.99	0.93	0.86
Up Market Capture	102.38	100.00	100.29
Down Market Capture	97.82	100.00	99.83



Vanguard Target Retirement Income Inv VTINX (Vanguard Target Retirement Income Tr)

Fund Incep Date: 10/27/2003

Benchmark

S&P Target Date Retirement Income

Category

Net Assets:

Manager Name:

Manager Start Date :

Expense Ratio :

Expense Rank:

PORTFOLIO COMPOSITION (Holdings-based)

Assets



Sector Breakdown

Sensitive	
Communication Services	9.23%
Industrials	10.51%
Technology	17.70%
Energy	3.62%
Cyclical	
Basic Materials	4.57%
Consumer Cyclical	10.84%
Real Estate	3.72%
Financial Services	14.78%
Defensive	
Consumer Defensive	8.08%

TOP 10 HOLDINGS

Cash

US Bonds

Intl Bonds

Intl Equity

US Equity

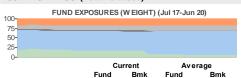
Healthcare

Utilities

TOT TO HOLDINGS	
Vanguard Total Bond Market II ldx Inv	36.79%
Vanguard Total Stock Mkt Idx Inv	17.36%
Vanguard Shrt-Term Infl-Prot Sec Idx Inv	16.72%
Vanguard Total Intl Bd Idx Investor	15.51%
Vanguard Total Intl Stock Index Inv	12.02%

Total: 98.40%

ASSET LOADINGS (Returns-based)



4.3

62.9

0.0

14.8

18.0

15.9

46.0

3.1

10.9

24.3

12.5

54.6

2.1

12.3

18.5

19.3

44.8

1.9

10.8

23.2

Target-Date Retirement

\$16.883.00M

William A. Coleman

02/22/2013

0.12%

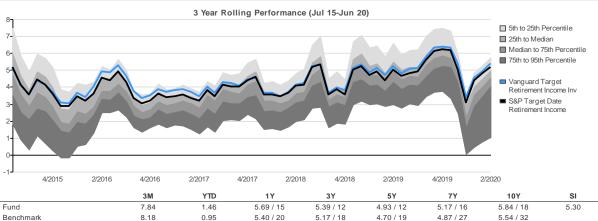
INVESTMENT OVERVIEW

The investment seeks to provide current income and some capital appreciation. The fund invests in other Vanquard mutual funds according to an asset allocation strategy designed for investors currently in retirement. Its indirect bond holdings are a diversified mix of short-, intermediate-, and long-term U.S. government, U.S. agency, and investment-grade U.S. corporate bonds; inflation-protected public obligations issued by the U.S. Treasury; mortgage-backed and asset-backed securities; and government, agency, corporate, and securitized investment-grade foreign bonds issued in currencies other than the U.S. dollar.

PERFORMANCE

13.68%

3.28%



Peer Group Median	8.48	0.44	4.38 / 50	4.54 / 50	4.	.17 / 50	4.40 / 50	5.11 / 50	
Number of Funds			185	170		158	143	129	
CALENDAR	2019	2018	2017	2016	2015	2014	2013	2012	2011
Fund	13.16	-1.99	8.47	5.25	-0.17	5.54	5.87	8.23	5.25
Benchmark	13.33	-2.54	8.54	5.01	-0.18	4.86	6.28	7.51	3.98
Peer Group Median	12.94	-3.37	8.61	5.05	-1.26	3.98	5.58	8.82	2.46

RISK & PERFORMANCE STATISTICS

3 Yr	Fund	Benchmark	Peer Group Median
Alpha	0.45	0.00	-0.78
Beta	0.92	1.00	1.05
R-Squared	98.72	100.00	96.14
Sharpe Ratio	0.66	0.58	0.44
Up Market Capture	94.67	100.00	95.96
Down Market Capture	86.39	100.00	100.53

Down Market Capture	86.39	100.00	100.53	
5 Yr	Fund	Benchmark	Peer Group Median	
Alpha	0.41	0.00	-0.76	
Beta	0.94	1.00	1.03	
R-Squared	98.60	100.00	95.95	
Sharpe Ratio	0.77	0.69	0.54	
Up Market Capture	97.17	100.00	98.00	
Down Market Capture	89.78	100.00	104.19	

NOTES



Vanguard Target Retirement 2015 Inv VTXVX (Vanguard Target Retirement 2015 Tr)

6/30/2020

Fund Incep Date: 10/27/2003 Benchmark:

S&P Target Date 2015

Category: Target-Date 2015 Net Assets: \$14.918.00M Manager Name: William A. Coleman Manager Start Date: 02/22/2013

Expense Ratio : 0.13%

Expense Rank:

PORTFOLIO COMPOSITION (Holdings-based)

Assets



Sector Breakdown

Sensitive	
Communication Services	9.23%
Industrials	10.51%
Technology	17.70%
Energy	3.62%
Cyclical	
Basic Materials	4.57%
Consumer Cyclical	10.84%
Real Estate	3.72%
Financial Services	14.78%
Defensive	
Consumer Defensive	8.08%
Healthcare	13.68%
Utilities	3.28%
TOP 10 HOLDINGS	

Total: 98.47%

ASSET LOADINGS (Returns-based)

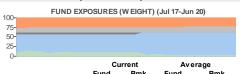
Vanguard Total Bond Market II Idx Inv

Vanguard Shrt-Term Infl-Prot Sec Idx Inv

Vanguard Total Stock Mkt Idx Inv

Vanguard Total Intl Bd Idx Investor

Vanguard Total Intl Stock Index Inv



		Current		Average	
		Fund	Bmk	Fund	Bmk
Т	Cash	1.5	11.8	6.7	13.6
1	US Bonds	58.6	42.5	50.9	40.7
1	Intl Bonds	0.0	0.0	2.5	0.2
1	Intl Equity	16.2	14.5	14.8	14.1
1	US Equity	23.8	31.2	25.2	31.5

INVESTMENT OVERVIEW

The investment seeks to provide capital appreciation and current income consistent with its current asset allocation. The fund invests in other Vanguard mutual funds according to an asset allocation strategy designed for investors planning to retire and leave the workforce in or within a few years of 2015 (the target year). The fund's asset allocation will become more conservative over time, meaning that the percentage of assets allocated to stocks will decrease while the percentage of assets allocated to bonds and other fixed income investments will increase.

PERFORMANCE

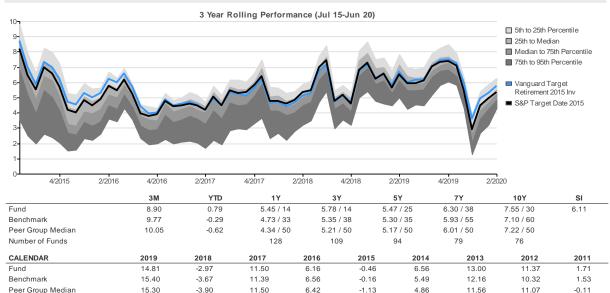
34.45%

20.62%

14.84%

14.28%

14.27%



NOTES

RISK & PERFORMANCE STATISTICS

Up Market Capture

Down Market Capture

3 Yr	Fund	Benchmark	Peer Group Median
Alpha	0.80	0.00	-0.16
Beta	0.88	1.00	1.01
R-Squared	98.82	100.00	98.08
Sharpe Ratio	0.61	0.49	0.47
Up Market Capture	92.96	100.00	99.00
Down Market Capture	83.54	100.00	99.16
5 Yr	Fund	Benchmark	Peer Group Median
Alpha	0.53	0.00	-0.24
Beta	0.90	1.00	1.02
R-Squared	98.67	100.00	97.85
Sharpe Ratio	0.69	0.61	0.57

100.00

100.00

99.03

100.10

94.28

87.88



Vanguard Target Retirement 2025 Inv VTTVX (Vanguard Target Retirement 2025 Tr)

6/30/2020

Fund Incep Date: 10/27/2003 Benchmark:

S&P Target Date 2025

Category: Target-Date 2025 Net Assets: \$44.523.00M Manager Name: William A. Coleman Manager Start Date : 02/22/2013 Expense Ratio : 0.13%

Expense Rank:

PORTFOLIO COMPOSITION (Holdings-based)

Assets



Sector Breakdown

Sensitive	
Communication Services	9.23%
Industrials	10.49%
Technology	17.74%
Energy	3.61%
Cyclical	
Basic Materials	4.55%
Consumer Cyclical	10.83%
Real Estate	3.72%
Financial Services	14.77%
Defensive	
Consumer Defensive	8.07%
Healthcare	13.70%
Utilities	3.28%
TOP 10 HOLDINGS	
Vanguard Total Stock Mkt Idx Inv	35.13%
Vanguard Total Bond Market II ldx Inv	27.78%

Total: 98.45%

23 95%

11.44%

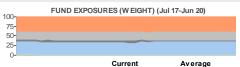
0.15%

ASSET LOADINGS (Returns-based)

Vanguard Total Intl Stock Index Inv

Vanguard Total Intl Bd Idx Investor

Vanguard Shrt-Term Infl-Prot Sec Idx Inv

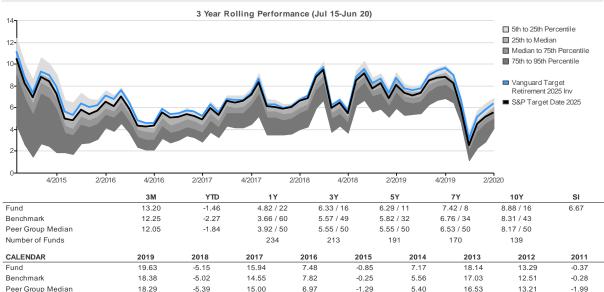


		Current		Average	
		Fund	Bmk	Fund	Bmk
T	Cash	0.0	5.9	0.1	7.4
- 1	US Bonds	34.3	31.4	33.2	30.9
- 1	Intl Bonds	3.3	1.9	4.7	1.1
- 1	Intl Equity	23.1	20.3	22.4	19.4
1	US Equity	39.3	40.6	39.6	41.2

INVESTMENT OVERVIEW

The investment seeks to provide capital appreciation and current income consistent with its current asset allocation. The fund invests in other Vanguard mutual funds according to an asset allocation strategy designed for investors planning to retire and leave the workforce in or within a few years of 2025 (the target year). The fund's asset allocation will become more conservative over time, meaning that the percentage of assets allocated to stocks will decrease while the percentage of assets allocated to bonds and other fixed income investments will increase.

PERFORMANCE



NOTES

3 Yr	Fund	Benchmark	Peer Group Median
Alpha	0.64	0.00	-0.04
Beta	1.03	1.00	0.98
R-Squared	99.59	100.00	98.27
Sharpe Ratio	0.47	0.41	0.41
Up Market Capture	104.67	100.00	95.45
Down Market Capture	99.57	100.00	96.13
5 Yr	Fund	Benchmark	Peer Group Median
Alpha	0.34	0.00	-0.26

5 Yr	Fund	Benchmark	Peer Group Median
Alpha	0.34	0.00	-0.26
Beta	1.03	1.00	0.99
R-Squared	99.49	100.00	98.05
Sharpe Ratio	0.58	0.54	0.51
Up Market Capture	103.90	100.00	96.65
Down Market Capture	100.81	100.00	99.03



Vanguard Target Retirement 2035 Inv VTTHX (Vanguard Target Retirement 2035 Tr)

6/30/2020

Fund Incep Date: 10/27/2003

Benchmark

S&P Target Date 2035

Category: Target-Date 2035

Net Assets: \$38.301.00M Manager Name: William A. Coleman

Manager Start Date : 02/22/2013

Expense Ratio : 0.14% Expense Rank:

PORTFOLIO COMPOSITION (Holdings-based)

Assets



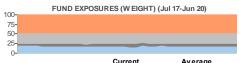
Sector Breakdown	
Sensitive	
Communication Services	9.24%
Industrials	10.48%
Technology	17.78%
Energy	3.60%
Cyclical	
Basic Materials	4.53%
Consumer Cyclical	10.83%
Real Estate	3.72%
Financial Services	14.75%
Defensive	
Consumer Defensive	8.06%
Healthcare	13.71%
Utilities	3.28%
TOP 10 HOLDINGS	
Vanguard Total Stock Mkt Idx Inv	44.54%
Vanguard Total Intl Stock Index Inv	29.94%
Vanguard Total Bond Market II Idx Inv	16.97%

Total: 98.46%

7.02%

ASSET LOADINGS (Returns-based)

Vanguard Total Intl Bd Idx Investor

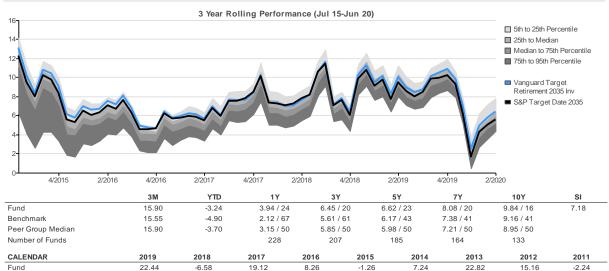


		Current		Ave	rage
		Fund	Bmk	Fund	Bmk
Т	Cash	0.0	0.6	0.0	1.9
1	US Bonds	17.0	14.6	17.0	16.4
1	Intl Bonds	5.7	4.5	5.9	2.3
1	Intl Equity	28.1	27.8	28.3	26.0
1	US Equity	49.2	52.6	48.8	53.4

INVESTMENT OVERVIEW

The investment seeks to provide capital appreciation and current income consistent with its current asset allocation. The fund invests in other Vanquard mutual funds according to an asset allocation strategy designed for investors planning to retire and leave the workforce in or within a few years of 2035 (the target year). The fund's asset allocation will become more conservative over time, meaning that the percentage of assets allocated to stocks will decrease while the percentage of assets allocated to bonds and other fixed income investments will increase.

PERFORMANCE



8.85

7.84

NOTES

-0.35

-1.50

5.69

5.58

20.84

20.97

14.12

14.88

-1.71

-3.33

RISK & PERFORMANCE STATISTICS

Benchmark

Peer Group Median

3 Yr	Fund	Benchmark	Peer Group Median
Alpha	0.89	0.00	0.27
Beta	0.97	1.00	0.98
R-Squared	99.61	100.00	99.01
Sharpe Ratio	0.41	0.35	0.36
Up Market Capture	99.03	100.00	98.92
Down Market Capture	93.69	100.00	97.93
5 Yr	Fund	Benchmark	Peer Grou Median

22.18

22.26

-6.88

-7.28

17.78

18.71

5 Yr	Fund	Benchmark	Peer Group Median
Alpha	0.48	0.00	-0.12
Beta	0.99	1.00	1.00
R-Squared	99.36	100.00	98.79
Sharpe Ratio	0.51	0.47	0.46
Up Market Capture	100.31	100.00	99.96
Down Market Capture	97.02	100.00	100.89



Vanguard Target Retirement 2045 Inv VTIVX (Vanguard Target Retirement 2045 Tr)

6/30/2020

Fund Incep Date: 10/27/2003 Benchmark:

S&P Target Date 2045

Category: Target-Date 2045 Net Assets: \$28.084.00M Manager Name: William A. Coleman Manager Start Date: 02/22/2013

Expense Ratio : 0.15%

Expense Rank:

PORTFOLIO COMPOSITION (Holdings-based)

Assets



Sector Breakdown

Sensitive	
Communication Services	9.24%
Industrials	10.48%
Technology	17.78%
Energy	3.60%
Cyclical	
Basic Materials	4.53%
Consumer Cyclical	10.83%
Real Estate	3.72%
Financial Services	14.75%
Defensive	
Consumer Defensive	8.06%

TOP	10	HOLDINGS	

Healthcare

Utilities

Vanguard Total Stock Mkt Idx Inv	53.65%
Vanguard Total Intl Stock Index Inv	36.05%
Vanguard Total Bond Market II ldx Inv	6.25%
Vanguard Total Intl Bd Idx Investor	2.66%

13.71%

3.28%

Total: 98.60%

ASSET LOADINGS (Returns-based)

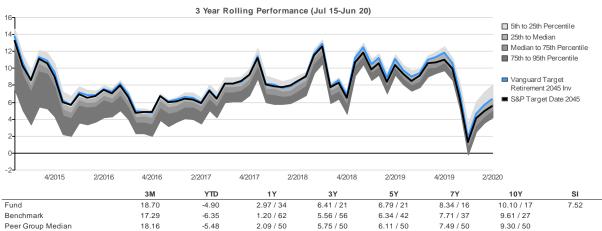


		Current		Ave	rage
		Fund	Bmk	Fund	Bmk
T	Cash	0.0	0.0	0.0	0.8
1	US Bonds	0.0	0.6	2.0	6.6
-1	Intl Bonds	8.7	9.3	8.0	4.2
- 1	Intl Equity	32.7	31.6	32.6	29.5
1	US Equity	58.6	58.5	57.4	58.9

INVESTMENT OVERVIEW

The investment seeks to provide capital appreciation and current income consistent with its current asset allocation. The fund invests in other Vanguard mutual funds according to an asset allocation strategy designed for investors planning to retire and leave the workforce in or within a few years of 2045 (the target year). The fund's asset allocation will become more conservative over time, meaning that the percentage of assets allocated to stocks will decrease while the percentage of assets allocated to bonds and other fixed income investments will increase.

PERFORMANCE



Number of Funds			228	20	7	185	164	132	
CALENDAR	2019	2018	2017	2016	2015	2014	2013	2012	2011
Fund	24.94	-7.90	21.42	8.87	-1.57	7.16	24.37	15.58	-2.51
Benchmark	24.02	-7.74	19.56	9.54	-0.46	5.67	23.14	15.15	-2.56
Peer Group Median	24.57	-8.29	20.64	8.20	-1.60	5.65	23.11	15.49	-4.06

RISK & PERFORMANCE STATISTICS

3 Yr	Fund	Benchmark	Peer Group Median
Alpha	0.77	0.00	0.15
Beta	1.02	1.00	1.02
R-Squared	99.70	100.00	99.21
Sharpe Ratio	0.37	0.32	0.33
Up Market Capture	103.94	100.00	100.81
Down Market Capture	99.80	100.00	100.47

5 Yr	Fund	Benchmark	Peer Group Median
Alpha	0.33	0.00	-0.25
Beta	1.03	1.00	1.03
R-Squared	99.54	100.00	99.01
Sharpe Ratio	0.47	0.45	0.43
Up Market Capture	103.59	100.00	100.72
Down Market Capture	101.47	100.00	102.27

NOTES

Vanguard Target Retirement 2055 Inv VFFVX (Vanguard Target Retirement 2055 Tr)

6/30/2020

Fund Incep Date: 08/18/2010 Benchmark :

S&P Target Date 2055

Category: Target-Date 2055 Net Assets: \$11,727.00M Manager Name: William A. Coleman Manager Start Date: 02/22/2013

Expense Ratio : 0.15%

Expense Rank:

PORTFOLIO COMPOSITION (Holdings-based)

Assets



Sector Breakdown

Occior Breakdown	
Sensitive	
Communication Services	9.24%
Industrials	10.48%
Technology	17.79%
Energy	3.60%
Cyclical	
Basic Materials	4.53%
Consumer Cyclical	10.83%
Real Estate	3.72%
Financial Services	14.75%
Defensive	
Consumer Defensive	8.06%
Healthcare	13.72%
Utilities	3.28%
TOP 10 HOLDINGS	
Vanguard Total Stock Mkt Idx Inv	53.40%
Vanguard Total Intl Stock Index Inv	35.81%
Vanguard Total Bond Market II ldx Inv	6.27%

Total: 98.30%

2.82%

ASSET LOADINGS (Returns-based)

Vanguard Total Intl Bd Idx Investor

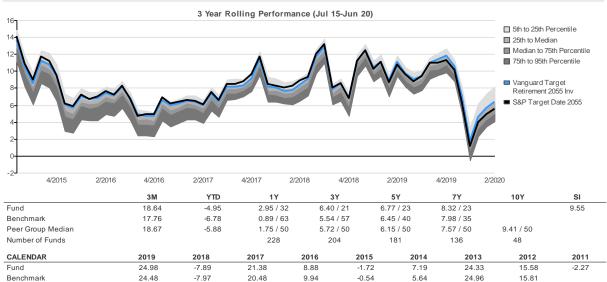


		Current		Average	
		Fund	Bmk	Fund	Bmk
Т	Cash	0.0	0.0	0.0	0.8
1	US Bonds	0.0	0.0	2.0	4.3
1	Intl Bonds	8.8	7.0	8.1	3.7
1	Intl Equity	32.7	33.4	32.4	30.8
1	US Equity	58.6	59.6	57.4	60.5

INVESTMENT OVERVIEW

The investment seeks to provide capital appreciation and current income consistent with its current asset allocation. The fund invests in other Vanguard mutual funds according to an asset allocation strategy designed for investors planning to retire and leave the workforce in or within a few years of 2055 (the target year). The fund's asset allocation will become more conservative over time, meaning that the percentage of assets allocated to stocks will decrease while the percentage of assets allocated to bonds and other fixed income investments will increase.

PERFORMANCE



8.26

NOTES

-1.62

5.71

23.26

15.60

-4.59

RISK & PERFORMANCE STATISTICS

Peer Group Median

3 Yr	Fund	Benchmark	Peer Group Median
Alpha	0.85	0.00	0.15
Beta	0.99	1.00	1.01
R-Squared	99.68	100.00	99.20
Sharpe Ratio	0.37	0.31	0.32
Up Market Capture	100.85	100.00	100.28
Down Market Capture	96.52	100.00	99.76

24.84

-8.60

21.14

5 Yr	Fund	Benchmark	Peer Group Median
Alpha	0.35	0.00	-0.30
Beta	0.99	1.00	1.01
R-Squared	99.52	100.00	98.92
Sharpe Ratio	0.47	0.45	0.42
Up Market Capture	99.40	100.00	99.08
Down Market Capture	97.29	100.00	101.39



Vanguard Wellington Admiral VWENX

6/30/2020

Fund Incep Date: 05/14/2001

Benchmark: S&P 500 Index Category: Allocation--50% to 70% Equity Net Assets: \$103,569.00M Manager Name: Loren L. Moran Manager Start Date: 01/27/2017

Expense Ratio: 0.17%

Expense Rank:

PORTFOLIO COMPOSITION (Holdings-based)

Assets



Sector Breakdown

Sensitive	
Communication Services	10.37%
Industrials	8.67%
Technology	19.07%
Energy	3.27%

Cyclical	
Basic Materials	0.00%
Consumer Cyclical	7.65%
Real Estate	2.07%
Financial Services	16.88%

Defensive	
Consumer Defensive	9.09%
Healthcare	17.87%
Utilities	5.07%

TOP 10 HOLDINGS	
Microsoft Corp	4.29%
Alphabet Inc A	3.18%
Apple Inc	2.50%
JPMorgan Chase & Co	2.03%
Bank of America Corp	1.83%
Pfizer Inc	1.54%
United States Treasury Bills 0.01%	1.51%
Nestle SA	1.45%
McDonald's Corp	1.44%
Verizon Communications Inc	1.39%
Total:	21.15%

ASSET LOADINGS (Returns-based)

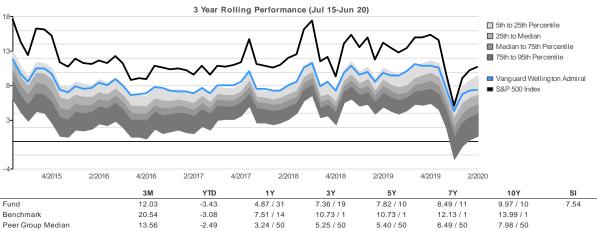


0	С	Current		rage
	Fund	Bmk	Fund	Bmk
Cash	13.6	5.2	17.2	2.3
US Bonds	22.2	0.0	19.5	0.0
Intl Bonds	2.3	0.0	0.3	0.4
Intl Equity	11.2	0.0	15.3	3.0
US Equity	50.8	94.8	47.7	94.3

INVESTMENT OVERVIEW

The investment seeks to provide long-term capital appreciation and moderate current income. The fund invests 60% to 70% of its assets in dividend-paying and, to a lesser extent, non-dividend-paying common stocks of established large companies. The remaining 30% to 40% of the fund's assets are invested mainly in fixed income securities that the advisor believes will generate a moderate level of current income. These securities include investment-grade corporate bonds, with some exposure to U.S. Treasury and government agency bonds, and mortgage-backed securities.

PERFORMANCE



Benchmark	20.54	-3.08	7.51 / 14	10.73 / 1		10.73 / 1	12.13 / 1	13.99 / 1	
Peer Group Median	13.56	-2.49	3.24 / 50	5.25 / 50		5.40 / 50	6.49 / 50	7.98 / 50	
Number of Funds			686	666		627	612	517	
CALENDAR	2019	2018	2017	2016	2015	2014	2013	2012	2011
Fund	22.61	-3.35	14.82	11.09	0.14	9.90	19.76	12.67	3.95
Benchmark	31.49	-4.38	21.83	11.96	1.38	13.69	32.39	16.00	2.11
Peer Group Median	19.38	-5.77	14.00	6.84	-1.35	6.21	17.22	12.21	0.04

RISK & PERFORMANCE STATISTICS

3 Yr	Fund	Benchmark	Peer Group Median
Alpha	-0.23	0.00	-2.34
Beta	0.62	1.00	0.65
R-Squared	95.73	100.00	94.79
Sharpe Ratio	0.55	0.58	0.36
Up Market Capture	59.48	100.00	56.33
Down Market Capture	60.89	100.00	65.14

5 Yr	Fund	Benchmark	Peer Group Median
Alpha	0.40	0.00	-1.91
Beta	0.63	1.00	0.65
R-Squared	95.71	100.00	93.72
Sharpe Ratio	0.72	0.69	0.47
Up Market Capture	63.47	100.00	58.73
Down Market Capture	62.34	100.00	68.07

NOTES



American Beacon Bridgeway Lg Cp Val Y BWLYX (American Beacon Bridgeway Lg Cap Value) 6/30/2020

Fund Incep Date: 02/03/2012

Benchmark :

Russell 1000 Value Index

Category: Large Value Net Assets: \$1.942.00M

Manager Name : John N.R. Montgomery Manager Start Date 10/31/2003

Expense Ratio : 0.80%

31

PORTFOLIO COMPOSITION (Holdings-based)

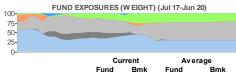


Sector Breakdown

Sensitive	
Communication Services	6.95%
Industrials	9.95%
Technology	10.90%
Energy	4.81%
Cyclical	
Basic Materials	2.32%
Consumer Cyclical	7.30%
Real Estate	3.66%
Financial Services	23.94%
Defensive	
Consumer Defensive	12.87%
Healthcare	13.40%
Utilities	3.91%
TOP 10 HOLDINGS	
E-mini S&P 500 Futures June 20	2.67%
Procter & Gamble Co	1.93%
Amgen Inc	1.88%
Pfizer Inc	1.88%
Biogen Inc	1.83%
Micron Technology Inc	1.60%
Hormel Foods Corp	1.56%
Waste Management Inc	1.50%
Bank of America Corp	1.40%
Norfolk Southern Corp	1.39%

ASSET LOADINGS (Returns-based)

Total:

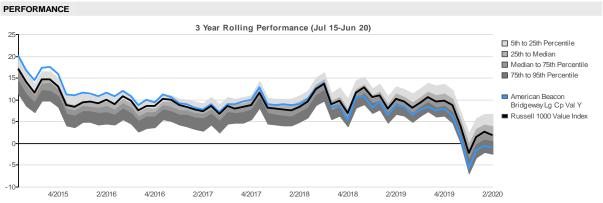


17.63%

		Current		Ave	rage
		Fund	Bmk	Fund	Bmk
Т	Cash	0.0	0.1	0.1	0.0
1	Top Value	29.5	66.9	37.1	67.5
1	Top Growth	0.5	0.0	5.3	0.1
	Mid Value	48.3	33.0	38.7	32.4
1	Mid Growth	0.2	0.0	2.3	0.0
1	Sm Value	21.6	0.0	15.8	0.0
1	Sm Growth	0.0	0.0	0.7	0.0

INVESTMENT OVERVIEW

The investment seeks to provide long-term total return on capital, primarily through capital appreciation and some income. The fund invests in a diversified portfolio of stocks of large capitalization companies that are listed on the New York Stock Exchange, NYSE American, or NASDAQ. Under normal market conditions, at least 80% of Fund net assets (plus borrowings for investment purposes) are invested in stocks from among those in the large-cap value category at the time of purchase.



	3M	YTD	1Y	3Y		5Y	7Y	10Y	SI
Fund	17.26	-19.92	-13.54 / 92	-1.06 / 89)	2.46 / 84	6.40 / 58	10.16 / 39	8.72
Benchmark	14.29	-16.26	-8.84 / 60	1.82 / 53		4.64 / 45	7.11 / 40	10.41 / 30	
Peer Group Median	15.24	-15.37	-8.03 / 50	1.94 / 50		4.34 / 50	6.69 / 50	9.77 / 50	
Number of Funds			1213	1168		1096	1035	944	
CALENDAR	2019	2018	2017	2016	2015	2014	2013	2012	2011
Fund	25.06	-13.35	15.81	16.16	-1.24	14.15	37.55	17.98	2.33

Benchmark 26.54 -8.27 13.66 17.34 -3.83 13.45 32.53 17.51 0.39 Peer Group Median 25.24 -8.81 16.13 14.32 -3.54 10.91 31.59 15.03 -0.81

3 Yr	Fund	Benchmark	Peer Group Median
Alpha	-2.52	0.00	0.14
Beta	1.15	1.00	0.99
R-Squared	98.05	100.00	97.48
Sharpe Ratio	-0.03	0.09	0.10
Up Market Capture	104.12	100.00	100.08
Down Market Capture	115.22	100.00	99.46

5 Yr	Fund	Benchmark	Peer Group Median
Alpha	-2.27	0.00	-0.18
Beta	1.11	1.00	0.99
R-Squared	97.19	100.00	96.33
Sharpe Ratio	0.16	0.29	0.27
Up Market Capture	98.20	100.00	98.15
Down Market Capture	109.47	100.00	99.40





Vanguard Institutional Index Instl PI VIIIX

0.00%

26.82%

6/30/2020

 Fund Incep Date:
 Benchmark:
 Category:
 Net Assets:
 Manager Name:
 Manager Start Date:
 Expense Ratio:
 Expense Ratio:
 Donald M. Butter

 07/07/1997
 S&P 500 Index
 Large Blend
 \$224,867.00M
 Donald M. Butter
 12/31/2000
 0.02%
 1

PORTFOLIO COMPOSITION (Holdings-based)

| Cash | 0.62% | | US Stocks | 98.41% | | US Bonds | 0.01% | | Non-US Stocks | 0.96% | | Preferred Stocks | 0.00% | | Convertible Bonds | 0.00% | | Other | 0.00% |

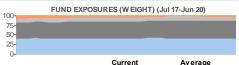
Non-US Bonds

Sector Breakdown

10.80%
8.40%
24.01%
2.81%
2.20%
10.60%
2.85%
13.14%
7.36%
14.77%
3.07%
5.99%
5.77%
4.49%
2.12%
1.65%
1.61%
1.44%
1.35%
1.26%
1.15%

ASSET LOADINGS (Returns-based)

Total:

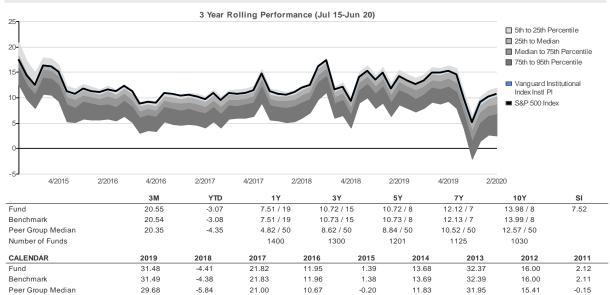


		Current		Ave	rage
		Fund	Bmk	Fund	Bmk
T	Cash	0.2	0.2	0.1	0.1
1	Top Value	39.1	39.1	40.0	40.0
- 1	Top Growth	46.9	46.8	44.2	44.1
	Mid Value	10.2	10.2	10.9	10.9
-1	Mid Growth	3.4	3.4	4.9	4.9
1	Sm Value	0.3	0.3	0.0	0.0
1	Sm Growth	0.0	0.0	0.0	0.0

INVESTMENT OVERVIEW

The investment seeks to track the performance of a benchmark index that measures the investment return of large-capitalization stocks. The fund employs an indexing investment approach designed to track the performance of the S&P 500 Index, a widely recognized benchmark of U.S. stock market performance that is dominated by the stocks of large U.S. companies. The advisor attempts to replicate the target index by investing all, or substantially all, of its assets in the stocks that make up the index, holding each stock in approximately the same proportion as its weighting in the index.

PERFORMANCE



NOTES

3 Yr	Fund	Benchmark	Peer Group Median
Alpha	-0.01	0.00	-1.77
Beta	1.00	1.00	1.00
R-Squared	100.00	100.00	97.68
Sharpe Ratio	0.58	0.58	0.47
Up Market Capture	99.98	100.00	95.50
Down Market Capture	100.01	100.00	101.65
5 Yr	Fund	Benchmark	Peer Group Median
Alpha	-0.01	0.00	-1.57
Beta	1.00	1.00	1.00
R-Squared	100.00	100.00	96.97
Sharpe Ratio	0.69	0.69	0.57
Up Market Capture	99.98	100.00	95.16
Down Market Capture	100.01	100.00	103.08



Calvert US Large Cap Core Rspnb Idx R6 CSXRX

1.15%

1.14%

1.07%

1.04%

1.04%

25.53%

0.0

0.0

6/30/2020

Fund Incep Date: B 10/03/2017 S

Benchmark: S&P 500 Index Category: Large Blend Net Assets: \$2,550.00M Manager Name: Thomas C. Seto Manager Start Date: 12/31/2016

Expense Ratio: 0.19%

Expense Rank:

PORTFOLIO COMPOSITION (Holdings-based)



Sector Breakdown	
Sensitive	
Communication Services	9.49%
Industrials	9.20%
Technology	27.01%
Energy	0.11%
Cyclical	
Basic Materials	2.18%
Consumer Cyclical	11.76%
Real Estate	0.33%
Financial Services	14.14%
Defensive	
Consumer Defensive	7.32%
Healthcare	15.81%
Utilities	2.65%
TOP 10 HOLDINGS	
Apple Inc	5.78%
Microsoft Corp	5.56%
Amazon.com Inc	4.31%
Alphabet Inc A	3.12%
Visa Inc Class A	1.31%

ASSET LOADINGS (Returns-based)

JPMorgan Chase & Co

Procter & Gamble Co

The Home Depot Inc

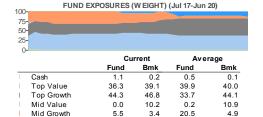
Sm Value

Sm Growth

Mastercard Inc A

Intel Corp

Total:



0.3

0.0

0.0

5.2

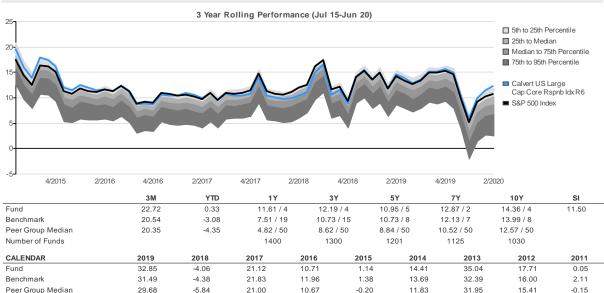
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12.8

INVESTMENT OVERVIEW

The investment seeks to track the performance of the Calvert US Large-Cap Core Responsible Index, which measures the investment return of large-capitalization stocks. The fund normally invests at least 95% of its net assets, including borrowings for investment purposes, in securities contained in the index is composed of the common stocks of large companies that operate their businesses in a manner consistent with the Calvert Principles for Responsible Investment.

PERFORMANCE



NOTES

3 Yr	Fund	Benchmark	Peer Group Median
Alpha	1.28	0.00	-1.77
Beta	1.01	1.00	1.00
R-Squared	99.22	100.00	97.68
Sharpe Ratio	0.66	0.58	0.47
Up Market Capture	103.88	100.00	95.50
Down Market Capture	98.05	100.00	101.65
5 Yr	Fund	Benchmark	Peer Group Median
Alpha	0.10	0.00	-1.57
Beta	1.01	1.00	1.00
R-Squared	99.00	100.00	96.97
Sharpe Ratio	0.69	0.69	0.57
Up Market Capture	102.33	100.00	95.16



Fidelity Contrafund FCNTX (Fidelity Contrafund)

6/30/2020

Fund Incep Date: 05/17/1967

Benchmark:

Russell 1000 Growth Index

Category: Large Growth Net Assets: \$121,367,00M Manager Name William Danoff Manager Start Date : 09/17/1990 Expense Ratio : 0.85%

Expense Rank:

PORTFOLIO COMPOSITION (Holdings-based)

Assets



Sector Breakdown

Sensitive	
Communication Services	19.07%
Industrials	2.03%
Technology	27.26%
Energy	0.41%

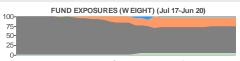
2.39%
12.84%
0.90%
15.92%

Defensive	
Consumer Defensive	3.27%
Healthcare	15.88%
Utilities	0.04%

TOP 10 HOLDINGS	
Amazon.com Inc	8.57%
Facebook Inc A	8.23%
Microsoft Corp	6.12%
Berkshire Hathaway Inc Class A	4.61%
Salesforce.com Inc	3.73%
Visa Inc Class A	3.68%
Adobe Inc	3.29%
UnitedHealth Group Inc	3.20%
Netflix Inc	2.82%
Alphahet Inc A	2 75%

ASSET LOADINGS (Returns-based)

Total:



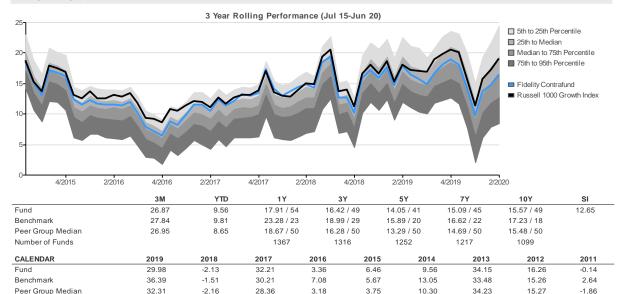
46.99%

		Current		Average	
		Fund	Bmk	Fund	Bmk
T	Cash	3.5	0.1	1.7	0.1
1	Top Value	0.0	0.0	0.0	0.0
1	Top Growth	70.1	79.1	83.0	77.3
	Mid Value	0.0	0.0	0.0	0.0
1	Mid Growth	22.9	20.1	13.8	22.2
1	Sm Value	0.0	0.0	0.0	0.0
1	Sm Growth	3.5	0.7	1.6	0.3

INVESTMENT OVERVIEW

The investment seeks capital appreciation. The fund normally invests primarily in common stocks. It invests in securities of companies whose value the advisor believes is not fully recognized by the public. The fund invests in domestic and foreign issuers. It invests in either "growth" stocks or "value" stocks or both. The fund uses fundamental analysis of factors such as each issuer's financial condition and industry position, as well as market and economic conditions to select investments.

PERFORMANCE



NOTES

3 Yr	Fund	Benchmark	Peer Group Median
Alpha	-2.17	0.00	-2.09
Beta	1.00	1.00	0.99
R-Squared	97.68	100.00	95.76
Sharpe Ratio	0.85	0.98	0.84
Up Market Capture	92.75	100.00	92.74
Down Market Capture	100.57	100.00	101.51
5 Yr	Fund	Benchmark	Peer Group Median
5 Yr Alpha	Fund -1.33	Benchmark 0.00	
			Median
Alpha	-1.33	0.00	Median -2.27
Alpha Beta	-1.33 0.98	0.00	Median -2.27 1.00
Alpha Beta R-Squared	-1.33 0.98 96.94	0.00 1.00 100.00	Median -2.27 1.00 94.40



T. Rowe Price Instl Mid-Cap Equity Gr PMEGX

6/30/2020

Fund Incep Date: 07/31/1996

Benchmark:

Russell Mid-Cap Growth Index

Category: Mid-Cap Growth Net Assets: \$6,977.00M Manager Name: Brian W.H. Berghuis Manager Start Date: 07/31/1996

Expense Ratio: 0.61%

Expense Rank:

PORTFOLIO COMPOSITION (Holdings-based)

Assets



Sector Breakdown

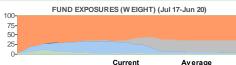
Sensitive	
Communication Services	2.33%
Industrials	17.02%
Technology	22.80%
Energy	1.40%
Cyclical	
Basic Materials	2.97%

Defensive	
Financial Services	7.76%
Real Estate	0.97%
Consumer Cyclical	14.23%
Dage Materials	2.51 /0

5.28%
23.40%
1.84%

TOP 10 HOLDINGS	
Teleflex Inc	2.74%
Ball Corp	2.46%
The Cooper Companies Inc	2.21%
Dollar General Corp	1.93%
Hologic Inc	1.89%
Agilent Technologies Inc	1.86%
Willis Towers Watson PLC	1.70%
IAC/InterActiveCorp	1.67%
Catalent Inc	1.66%
Global Payments Inc	1.54%
Total:	19.66%

ASSET LOADINGS (Returns-based)

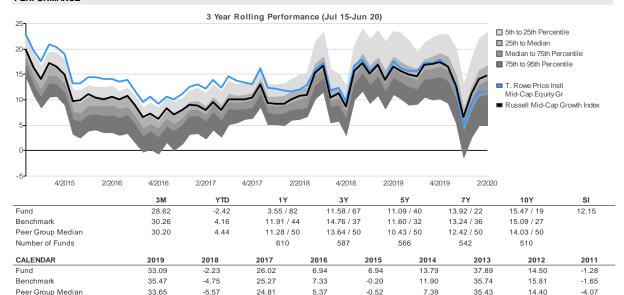


		Cı	urrent	Ave	erage
		Fund	Bmk	Fund	Bmk
T	Cash	0.0	0.0	1.9	0.0
1	Top Value	3.3	0.0	16.0	0.0
-	Top Growth	0.0	0.0	0.1	0.0
	Mid Value	31.2	0.0	14.4	0.0
-1	Mid Growth	65.5	100.0	67.6	100.0
1	Sm Value	0.0	0.0	0.0	0.0
1	Sm Growth	0.0	0.0	0.0	0.0

INVESTMENT OVERVIEW

The investment seeks to provide long-term capital appreciation. The fund will normally invest at least 80% of its net assets (including any borrowings for investment purposes) in a diversified portfolio of common stocks of mid-cap companies whose earnings T. Rowe Price expects to grow at a faster rate than the average company. The advisor defines mid-cap companies as those whose market capitalization (number of shares outstanding multiplied by share price) falls within the range of either the S&P MidCap 400® Index or the Russell Midcap® Growth Index.

PERFORMANCE



NOTES

RISK & PERFORMANCE STATISTICS

3 Yr	Fund	Benchmark	Peer Group Median
Alpha	-2.61	0.00	-0.90
Beta	0.99	1.00	1.00
R-Squared	96.75	100.00	95.86
Sharpe Ratio	0.56	0.70	0.64
Up Market Capture	88.50	100.00	95.93
Down Market Capture	97.85	100.00	99.10
5 Yr	Fund	Benchmark	Peer Group Median
Alpha	-0.29	0.00	-0.79
Beta	0.99	1.00	1.00
R-Squared	96.64	100.00	94.62
Sharpe Ratio	0.63	0.65	0.59
Up Market Capture	96.45	100.00	95.97
Down Market Capture	97.79	100.00	101.90



iShares Russell Mid-Cap Index K BRMKX (Blackrock Mid-Cap Index Fund)

Fund Incep Date: 05/13/2015

Benchmark

Category Russell Mid-Cap Index Mid-Cap Blend

0.53%

0.52%

0.50%

6.42%

Net Assets: \$1.153.00M

Manager Name: Alan Mason

Manager Start Date : 05/13/2015

Expense Ratio : 0.07% Expense Rank:

PORTFOLIO COMPOSITION (Holdings-based)



Sector Breakdown	
Sensitive	
Communication Services	4.60%
Industrials	13.67%
Technology	19.83%
Energy	2.63%
Cyclical	
Basic Materials	3.82%
Consumer Cyclical	11.20%
Real Estate	9.01%
Financial Services	10.57%
Defensive	
Consumer Defensive	5.61%
Healthcare	12.42%
Utilities	6.65%
TOP 10 HOLDINGS	
Fiserv Inc	0.84%
Advanced Micro Devices Inc	0.77%
Global Payments Inc	0.75%
Dollar General Corp	0.68%
Newmont Corp	0.67%
L3Harris Technologies Inc	0.61%
Lam Research Corp	0.55%

ASSET LOADINGS (Returns-based)

Centene Corp

Sempra Energy

Total:

Digital Realty Trust Inc

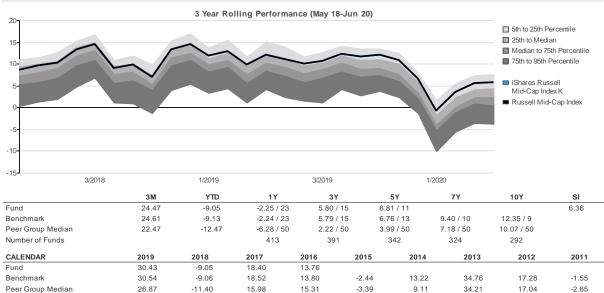


· ·	Cı	ırrent	Ave	rage
	Fund	Bmk	Fund	Bmk
Cash	0.0	0.0	0.1	0.0
Top Value	0.0	0.0	0.2	0.0
I Top Growth	0.7	0.0	0.2	0.3
Mid Value	57.2	58.6	57.8	58.1
Mid Growth	41.2	40.3	41.3	41.0
Sm Value	0.9	0.0	0.4	0.2
Sm Growth	0.0	1.2	0.1	0.3

INVESTMENT OVERVIEW

The investment seeks to track the investment results of the Russell Midcap® Index (the "underlying index"), which measures the performance of the mid-capitalization sector of the U.S. equity market. The fund generally invests at least 90% of its assets, plus the amount of any borrowing for investment purposes, in securities of the underlying index. The underlying index is a float-adjusted, capitalization-weighted index of equity securities issued by approximately 800 of the smallest issuers in the Russell 1000® Index.

PERFORMANCE



NOTES

RISK & PERFORMANCE STATISTICS

Down Market Capture

3 Yr	Fund	Benchmark	Peer Group Median
Alpha	0.01	0.00	-3.44
Beta	1.00	1.00	1.01
R-Squared	99.99	100.00	97.25
Sharpe Ratio	0.29	0.29	0.13
Up Market Capture	99.84	100.00	94.25
Down Market Capture	99.82	100.00	104.50
5 Yr	Fund	Benchmark	Peer Group Median
Alpha	0.06	0.00	-2.53
Beta	1.00	1.00	1.01
R-Squared	99.98	100.00	95.74
Sharpe Ratio	0.40	0.40	0.25
Up Market Capture	99.88	100.00	93.36

100.00

107.45

99.60



DFA US Micro Cap I DFSCX

6/30/2020

Fund Incep Date: Benchmark: 12/23/1981 Russell 2000 Index

Category: Small Blend Net Assets: \$5,157.00M Manager Name: Jed S. Fogdall Manager Start Date: 02/28/2012

Expense Ratio: 0.51%

Expense Rank:

PORTFOLIO COMPOSITION (Holdings-based)

Assets



Sector Breakdown

2.89%
19.69%
14.14%
3.78%

Cyclical	
Basic Materials	5.45%
Consumer Cyclical	12.78%
Real Estate	0.76%
Financial Services	21.49%

Defensive	
Consumer Defensive	4.88%
Healthcare	11.96%
Utilities	2.17%

TOP 10 HOLDINGS	
E-mini S&P 500 Futures June 20	1.62%
Saia Inc	0.46%
Shenandoah Telecommunications Co	0.46%
Casella Waste Systems Inc Class A	0.44%
Fabrinet	0.43%
Kinsale Capital Group Inc	0.39%
AAON Inc	0.38%
Ensign Group Inc	0.38%
Winnebago Industries Inc	0.37%

ASSET LOADINGS (Returns-based)

Badger Meter Inc

Total:

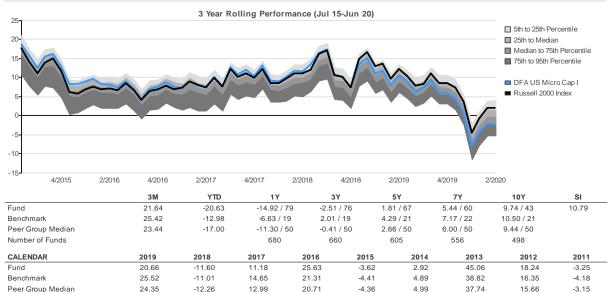


Ŭ		Current		Ave	rage
		Fund	Bmk	Fund	Bmk
Т	Cash	0.0	0.0	0.0	0.0
1	Top Value	0.0	0.0	0.0	0.0
1	Top Growth	0.0	0.0	0.0	0.0
	Mid Value	0.0	0.0	0.0	0.1
1	Mid Growth	0.0	0.0	0.0	0.0
1	Sm Value	77.5	47.5	77.3	48.6
1	Sm Growth	22.5	52.5	22.7	51.4

INVESTMENT OVERVIEW

The investment seeks long-term capital appreciation. The fund, using a market capitalization weighted approach, purchases a broad and diverse group of the securities of U.S. micro cap companies. It may purchase or sell futures contracts and options on futures contracts for U.S. equity securities and indices, to adjust market exposure based on actual or expected cash inflows to or outflows from the fund.

PERFORMANCE



NOTES

RISK & PERFORMANCE STATISTICS

0.36%

5.29%

3 Yr	Fund	Benchmark	Peer Group Median
Alpha	-4.37	0.00	-2.32
Beta	1.03	1.00	1.00
R-Squared	98.16	100.00	97.50
Sharpe Ratio	-0.06	0.13	0.03
Up Market Capture	97.86	100.00	94.36
Down Market Capture	112.06	100.00	101.79

5 Yr	Fund	Benchmark	Peer Group Median
Alpha	-2.34	0.00	-1.44
Beta	1.01	1.00	0.99
R-Squared	97.09	100.00	96.24
Sharpe Ratio	0.14	0.25	0.18
Up Market Capture	95.96	100.00	92.32
Down Market Capture	105.28	100.00	99.22



iShares Russell 2000 Small-Cap Idx K BDBKX (Blackrock Russell 2000 Index Fund)

6/30/2020

Fund Incep Date: 03/31/2011

Benchmark: Russell 2000 Index Category Small Blend

0.00%

Net Assets: \$2.078.00M

Manager Name: Alan Mason

Manager Start Date : 02/04/2014

Expense Ratio : 0.07% Expense Rank:

PORTFOLIO COMPOSITION (Holdings-based)



Non-US Bonds

Sector Breakdown

Sensitive

Total:	4.37%
Amedisys Inc	0.34%
Five9 Inc	0.35%
Quidel Corp	0.35%
Generac Holdings Inc	0.38%
Repligen Corp	0.39%
Immunomedics Inc	0.39%
Trex Co Inc	0.40%
Chegg Inc	0.41%
iShares Russell 2000 ETF	0.65%
Teladoc Health Inc	0.71%
TOP 10 HOLDINGS	
Utilities	3.78%
Healthcare	22.30%
Consumer Defensive	4.43%
Defensive	
Financial Services	14.05%
Real Estate	7.50%
Consumer Cyclical	9.03%
Basic Materials	3.37%
Cyclical	
Energy	1.82%
Technology	15.21%
Industrials	16.08%
Communication Services	2.44%

ASSET LOADINGS (Returns-based)

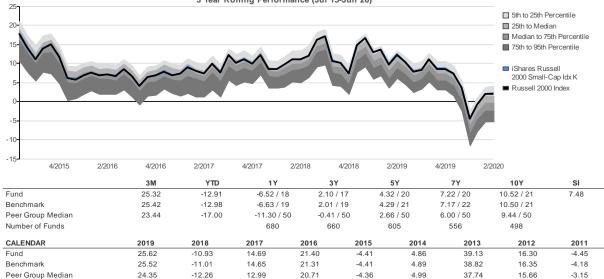


		Current		Ave	erage
		Fund	Bmk	Fund	Bmk
	Cash	0.0	0.0	0.0	0.0
1	Top Value	0.0	0.0	0.2	0.0
-	Top Growth	0.4	0.0	0.2	0.0
	Mid Value	0.0	0.0	0.0	0.1
1	Mid Growth	0.0	0.0	0.0	0.0
1	Sm Value	47.3	47.5	48.0	48.6
1	Sm Growth	52.3	52.5	51.6	51.4

INVESTMENT OVERVIEW

The investment seeks to match the performance of the Russell 2000® Index as closely as possible before the deduction of fund expenses. The fund is a "feeder" fund that invests all of its assets in the Series, a series of the Master LLC, which has the same investment objective and strategies as the fund. It will be substantially invested in securities in the Russell 2000, and will invest, under normal circumstances, at least 80% of its assets in securities or other financial instruments that are components of or have economic characteristics similar to the securities included in the Russell 2000.

PERFORMANCE 3 Year Rolling Performance (Jul 15-Jun 20) ■ 5th to 25th Percentile 25th to Median



NOTES

0.18

92.32

99.22

0.25

100.00

100.00

RISK & PERFORMANCE STATISTICS

Sharpe Ratio

Up Market Capture

Down Market Capture

3 Yr	Fund	Benchmark	Peer Group Median
Alpha	0.08	0.00	-2.32
Beta	1.00	1.00	1.00
R-Squared	100.00	100.00	97.50
Sharpe Ratio	0.13	0.13	0.03
Up Market Capture	100.08	100.00	94.36
Down Market Capture	99.79	100.00	101.79
5 Yr	Fund	Benchmark	Peer Group Median
Alpha	0.04	0.00	-1.44
Beta	1.00	1.00	0.99
R-Squared	100.00	100.00	96.24

0.25

99.89

99.77



iShares MSCI EAFE Intl Idx K BTMKX (Blackrock EAFE Equity Index Fund)

6/30/2020

Fund Incep Date: Benchmark : Category : Net Assets : Manager Name : Manager Start Date : Expense Ratio : Expense Ratio : Expense Ratio : Dollar Ratio : Expense Ratio : Expense Ratio : Dollar Ratio : Do

PORTFOLIO COMPOSITION (Holdings-based)

Assets



Sector Breakdown

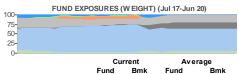
Sensitive	
Communication Services	6.53%
Industrials	14.15%
Technology	7.90%
Energy	4.14%
Cyclical	
Basic Materials	6.65%
Consumer Cyclical	9.56%
Real Estate	3.28%
Financial Services	16.34%
Defensive	
Consumer Defensive	12.67%
Healthcare	14.70%
Utilities	4.08%
TOP 10 HOLDINGS	
Nestle SA	2.55%
Euro Stoxx 50 Jun20 Xeur 20200619	1.97%
Roche Holding AG Dividend Right Cert.	1.90%
Novartis AG	1.49%
Nikkei 225 (Sgx) Jun20 Xsim 20200611	1.44%
FTSE 100 Index Future June20	1.18%
Toyota Motor Corp	1.15%
AstraZeneca PLC	0.98%

ASSET LOADINGS (Returns-based)

HSBC Holdings PLC

ASML Holding NV

Total:

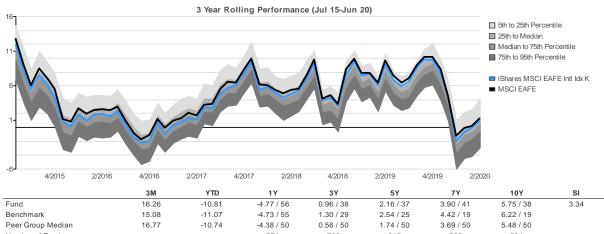


		Current		Ave	rage
		Fund	Bmk	Fund	Bmk
T	Cash	5.2	3.4	4.2	3.4
1	Europe Lg	57.8	62.1	61.8	61.2
-1	Europe Sm	17.1	3.4	6.6	3.7
	AsiaPac Lg	17.2	28.0	19.3	27.9
1	AsiaPac Sm	0.0	1.5	2.7	2.5
1	Emg Europe	1.0	1.6	1.2	1.4
1	Emg Asia	1.6	0.0	4.1	0.0

INVESTMENT OVERVIEW

The investment seeks to match the performance of the MSCI EAFE Index (Europe, Australasia, Far East) in U.S. dollars with net dividends as closely as possible before the deduction of fund expenses. The fund will be substantially invested in securities in the MSCI EAFE Index, and will invest at least 80% of its assets in securities or other financial instruments that are components of or have economic characteristics similar to the securities included in the MSCI EAFE Index.

PERFORMANCE



Denominark	15.06	-11.07	-4.73/33	1.30 /	29	2.54 / 25	4.42 / 19	0.22 / 19	
Peer Group Median	16.77	-10.74	-4.38 / 50	0.56 /	50	1.74 / 50	3.69 / 50	5.48 / 50	
Number of Funds			771	702	2	615	565	504	
CALENDAR	2019	2018	2017	2016	2015	2014	2013	2012	2011
Fund	21.94	-13.33	25.17	1.03	-0.81	-6.12	21.57	18.65	-12.56
Benchmark	22.66	-13.36	25.62	1.51	-0.39	-4.48	23.29	17.90	-11.73
Peer Group Median	21.80	-15.02	25.30	0.84	-1.11	-5.45	20.13	17.92	-13.52

NOTES

RISK & PERFORMANCE STATISTICS

0.96%

0.94%

14.56%

3 Yr	Fund	Benchmark	Peer Group Median
Alpha	-0.27	0.00	-0.63
Beta	1.02	1.00	1.04
R-Squared	98.62	100.00	95.76
Sharpe Ratio	0.03	0.05	0.00
Up Market Capture	99.75	100.00	99.49
Down Market Capture	101.29	100.00	103.49

·			
5 Yr	Fund	Benchmark	Peer Group Median
Alpha	-0.35	0.00	-0.70
Beta	0.98	1.00	0.99
R-Squared	98.06	100.00	93.79
Sharpe Ratio	0.14	0.16	0.11
Up Market Capture	96.62	100.00	95.30
Down Market Capture	98.69	100.00	98.95



American Funds Europacific Growth R6 RERGX

0.01%

1.57%

1.54%

1.52%

1.52%

18.82%

3.4

3.2

0.0

17.9

39.0

6/30/2020

Fund Incep Date: 05/01/2009

Benchmark:

MSCI ACWI ex USA GDP NR USD

Category: Foreign Large Growth Net Assets: \$153,331.00M Manager Name: Carl M. Kawaja

Manager Start Date: 06/01/2001

Expense Ratio: 0.46% Expense Rank:

PORTFOLIO COMPOSITION (Holdings-based)

Assets Cash 9.22% US Stocks 0.91% US Bonds 0.08% Non-US Stocks 89.78% Preferred Stocks 0.00% Convertible Bonds 0.00% Other 0.00%

Non-US Bonds

Keyence Corp

Airbus SE

Total:

MercadoLibre Inc

Europe Sm

AsiaPac Lg

AsiaPac Sm

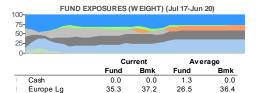
Emg Europe

Emg Asia

Sector Breakdown	
Sensitive	
Communication Services	7.76%
Industrials	8.69%
Technology	15.05%
Energy	4.28%
Cyclical	
Basic Materials	5.86%
Consumer Cyclical	14.69%
Real Estate	1.36%
Financial Services	16.32%
Defensive	
Consumer Defensive	6.71%
Healthcare	15.57%
Utilities	3.71%
TOP 10 HOLDINGS	
AIA Group Ltd	2.61%
ASML Holding NV	2.39%
Reliance Industries Ltd	2.13%
Daiichi Sankyo Co Ltd	2.08%
Nintendo Co Ltd	1.78%
HDFC Bank Ltd	1.68%

ASSET LOADINGS (Returns-based)

LVMH Moet Hennessy Louis Vuitton SE



2.1

0.0

0.0

19.5

41.2

21.1

10.0

5.1

3.9

32.2

22.7

0.0

13.3

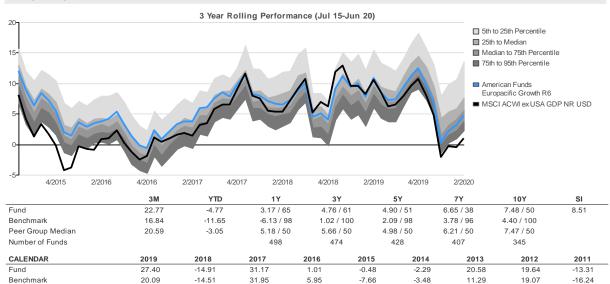
1.8

27.0

INVESTMENT OVERVIEW

The investment seeks long-term growth of capital. The fund invests primarily in common stocks of issuers in Europe and the Pacific Basin that the investment adviser believes have the potential for growth. Growth stocks are stocks that the investment adviser believes have the potential for above-average capital appreciation. It normally will invest at least 80% of its net assets in securities of issuers in Europe and the Pacific Basin. The fund may invest a portion of its assets in common stocks and other securities of companies in emerging markets.

PERFORMANCE



-2.03

NOTES

0.48

-4.29

20.02

18.85

-12.84

RISK & PERFORMANCE STATISTICS

Peer Group Median

3 Yr	Fund	Benchmark	Peer Group Median
Alpha	3.60	0.00	4.34
Beta	0.95	1.00	0.88
R-Squared	95.15	100.00	87.41
Sharpe Ratio	0.26	0.04	0.31
Up Market Capture	103.95	100.00	96.75
Down Market Capture	88.84	100.00	79.68
5 Yr	Fund	Benchmark	Peer Group Median
Alpha	2.78	0.00	2.91
Beta	0.90	1.00	0.85
R-Squared	00.40	400.00	00.74
	92.49	100.00	83.74
Sharpe Ratio	0.31	0.14	0.33
Sharpe Ratio Up Market Capture			

27.88

-14.53

30.70



Capital Markets Overview

Second Quarter 2020

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Macroeconomic Summary

Global economies still reeling from pandemic

- Global economy is in clear recession, punctuated by a revision downward by the IMF estimates of global growth forecast to -4.9%. This comes after an earlier projection of -3.0% in April.
- The National Bureau of Economic Research (NBER) officially declared the U.S. entered recession. Indeed, 1Q20 posted a -5% GDP and forecasts for 2Q could be -30% or worse.
- Fiscal and monetary support was global and immense. The U.S. was the global leader, and is estimated to have pumped a combined 22% of U.S. GDP into the system.
- Market participants broadly expect more stimulus to be required, and as of this writing congress is currently **contemplating additional measures ranging \$1 \$3.5 trillion**.

The alphabet soup of recovery "shapes" continues to be debated

- A deluge of letters ranging from V, to U, to W, to Nike Swoosh, to backward square root sign have become daily discourse among financial pundits the outcome may depend on virus containment.
- Most economic data was understandably negative across 2Q, though seems to be recovering
 - Unemployment is currently worse than at the peak of the Great Financial Crisis, and remains in double digits
 - Segments of the PMIs have increased and Consumer Confidence is depressed but at acceptable levels all things considered
 - Housing likely contributes to that confidence as it has held up remarkably well, prices remain elevated likely due to a drop in supply and falling mortgage rates
- Net-net, it will take more time and data to understand the shape of this recovery, especially as continued jobless claims and unemployment suggest more permanent damage possible



Market Summary

US Markets

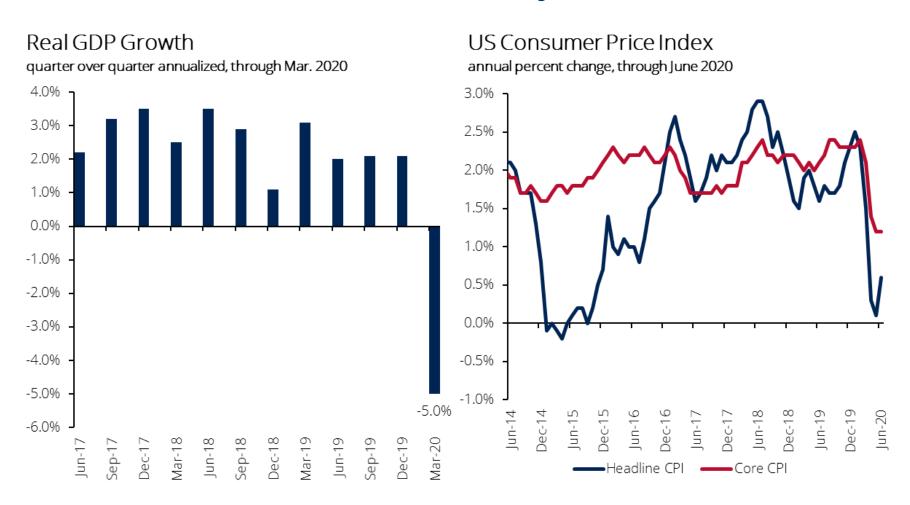
- If there is one area that experienced a "V-shaped recovery" it was the U.S. stock market. A 1Q20 drawdown of -30.43% was met by a hard rally of 35.23% on the S&P through June 30.
- Technology stocks have led the way, as giants Apple, Amazon and Microsoft have led the NASDAQ index to all-time highs while DJIA and S&P 500 are still net-negative YTD.
- "Safe haven" assets have rallied through the 2Q: investment grade bonds, U.S. Government debt and even gold were broadly positive.
- The stock market has dislocated from the real economy, as a backdrop of a global pandemic and one of the worst labor markets on record rarely make for stock market all time highs.
 - The "Don't Fight the Fed" trade is the likely culprit.

Global Markets

- Policy response across Europe has been slower than in the U.S., as Euro disagreement about size and scope of stimulus hit predictable cultural divides regarding frugality.
- This is **evident through market prices** as despite better control of the virus than the U.S., prices **remain depressed**:
 - MSCI EAFE has returned -11.3% YTD
 - MSCI EM has returned -9.8% YTD
- As was evident in the U.S. was also observed in ex-U.S. with respect to safe haven perceptions
 - Japan (-7.1%) and Switzerland (-1.8%), often regarded as more durable in both currency and market prices, declined less than their developed peers YTD
 - China, the only market to post a positive GDP growth figure, also boasts +3.5% YTD returns

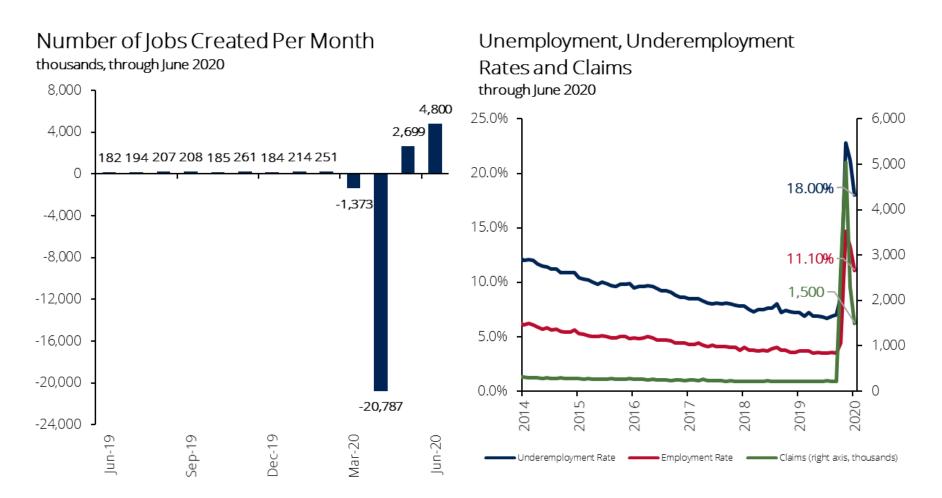


State of the U.S. Economy





U.S. Labor Market Trends

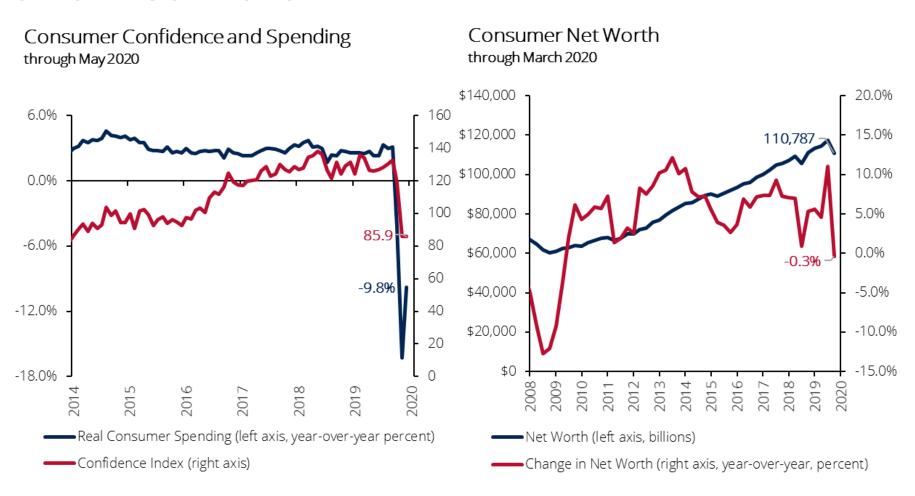


Source: Bloomberg; Bureau of Labor Statistics; GWCM Analysis
The Unemployment Rate represents total unemployed, as a percent of the civilian labor force
The Underemployment Rate represents total unemployed, plus all marginally attached workers, plus total employed part time for economic reasons, as a percent of the civilian labor force plus all marginally attached workers

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U.S. Consumer Confidence, Spending and Net Worth



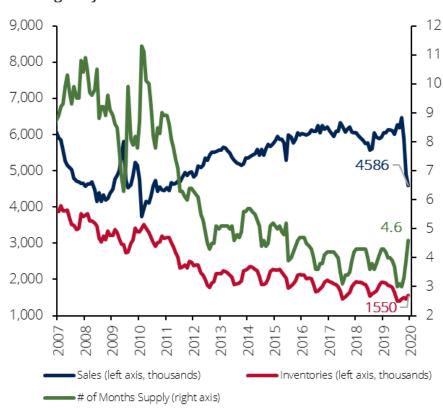


U.S Housing Market Trends

Case Shiller 20 City Home Price Index through April 2020



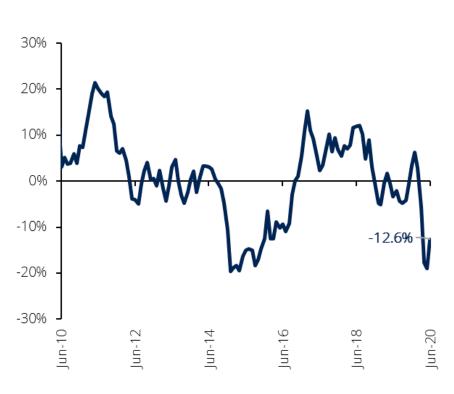
Housing Supply and Demand through May 2020





Energy Inflation and Oil





Oil Price





Historical, Current and Forward Rates

U.S. Yield Curve

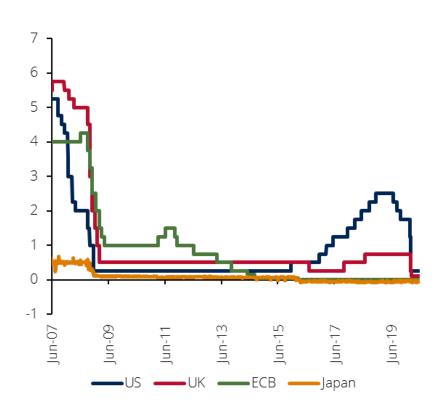




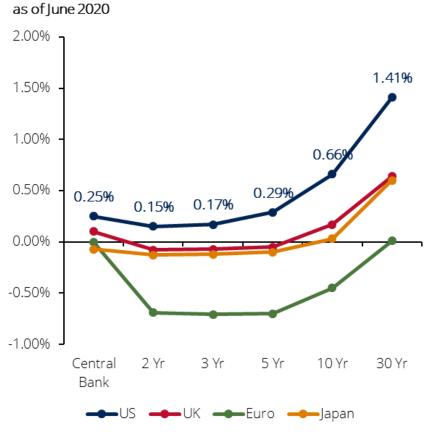


Global Monetary Policies and Interest Rates



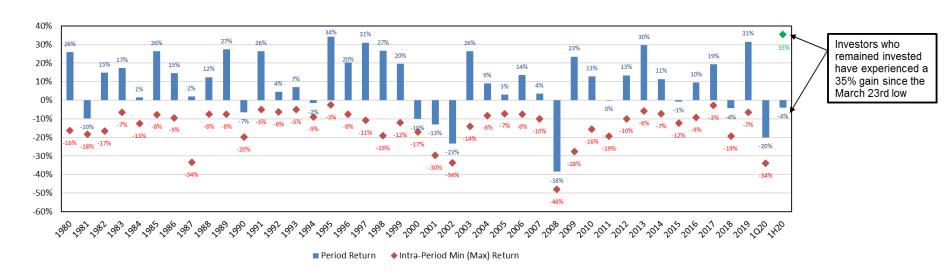


Sovereign Yield Curve





Investors who had sold during the Q1 sell-off would have missed a powerful rally



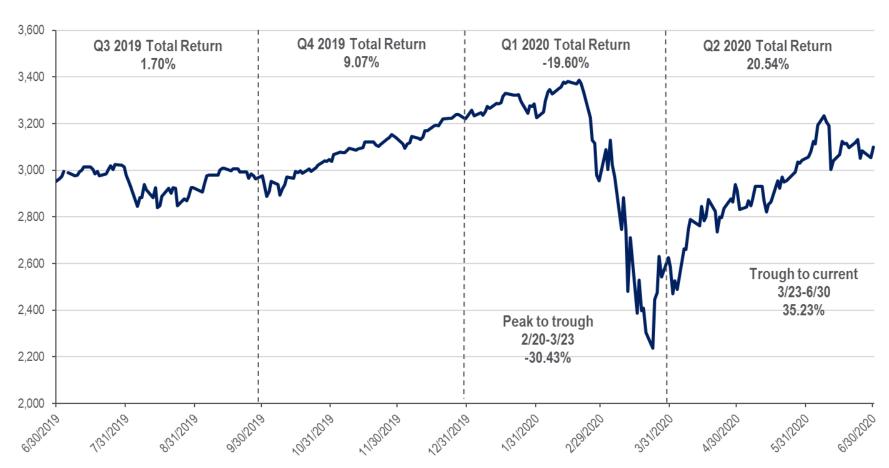
S&P 500 data going back 40 years demonstrates how frequently large drawdowns in the equity market exist

It also highlights that full year performance does not tend to be defined by the presence of a large drawdown and can often finish the year positive



Large cap equities have come back strong from the historic bear market

S&P 500 Index

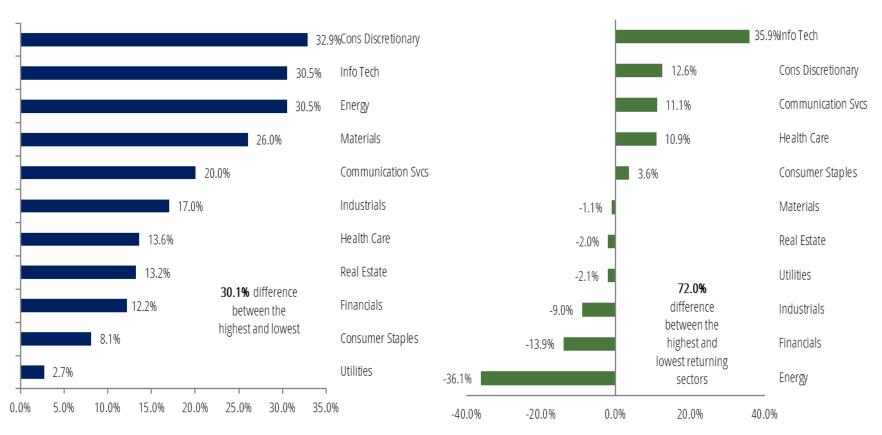




S&P 500 Sector Returns

QTD Returns as of June 30, 2020

1 Year Trailing Returns as of June 30, 2020





Equity Market Returns

(as o	f June 30, 2020)	QTD	YTD	1 Year Trailing	3 Year Trailing	5 Year Trailing	10 Year Trailing	2019	2018	2017	2016	2015	2014	2013
Don	nestic Equity													
de	S&P 500	20.5%	-3.1%	7.5%	10.7%	10.7%	14.0%	31.5%	-4.4%	21.8%	12.0%	1.4%	13.7%	32.4%
Large Cap	Russell 1000 Value	14.3%	-16.3%	-8.8%	1.8%	4.6%	10.4%	26.5%	-8.3%	13.7%	17.3%	-3.8%	13.5%	32.5%
Lar	Russell 1000 Growth	27.8%	9.8%	23.3%	19.0%	15.9%	17.2%	36.4%	-1.5%	30.2%	7.1%	5.7%	13.0%	33.5%
	Russell Mid Cap	24.6%	-9.1%	-2.2%	5.8%	6.8%	12.3%	30.5%	-9.1%	18.5%	13.8%	-2.4%	13.2%	34.8%
Mid Cap														
Μij	Russell Mid Cap Value	19.9%	-18.1%	-11.8%	-0.5%	3.3%	10.3%	27.1%	-12.3%	13.3%	20.0%	-4.8%	14.7%	33.5%
	Russell Mid Cap Growth	30.3%	4.2%	11.9%	14.8%	11.6%	15.1%	35.5%	-4.8%	25.3%	7.3%	-0.2%	11.9%	35.7%
de	Russell 2000	25.4%	-13.0%	-6.6%	2.0%	4.3%	10.5%	25.5%	-11.0%	14.6%	21.3%	-4.4%	4.9%	38.8%
Small Cap	Russell 2000 Value	18.9%	-23.5%	-17.5%	-4.3%	1.3%	7.8%	22.4%	-12.9%	7.8%	31.7%	-7.5%	4.2%	34.5%
S	Russell 2000 Growth	30.6%	-3.1%	3.5%	7.9%	6.9%	12.9%	28.5%	-9.3%	22.2%	11.3%	-1.4%	5.6%	43.3%
Inte	ernational Equity													
	MSCI EAFE	14.9%	-11.3%	-5.1%	0.8%	2.1%	5.7%	22.0%	-13.8%	25.0%	1.0%	-0.8%	-4.9%	22.8%
t	Australia	28.9%	-14.0%	-11.5%	0.8%	3.0%	5.2%	22.9%	-12.0%	19.9%	11.4%	-10.0%	-3.4%	4.2%
Developed Markets	Canada	20.2%	-12.9%	-8.2%	1.1%	1.6%	2.7%	27.5%	-17.2%	16.1%	24.6%	-24.2%	1.5%	5.6%
Ž	France	16.1%	-15.9%	-10.3%	0.5%	3.5%	5.8%	25.7%	-12.8%	28.7%	4.9%	-0.1%	-9.9%	26.3%
obec	Germany	26.5%	-7.6%	-2.6%	-1.3%	1.8%	6.1%	20.8%	-22.2%	27.7%	2.8%	-1.9%	-10.4%	31.4%
vel	Japan	11.6%	-7.1%	3.1%	3.0%	3.4%	6.1%	19.6%	-12.9%	24.0%	2.4%	9.6%	-4.0%	27.2%
Õ	Switzerland	10.9%	-1.8%	5.9%	7.0%	5.5%	9.1%	32.3%	-9.1%	22.5%	-4.9%	0.4%	-0.1%	26.6%
	UK	7.8%	-23.3%	-17.7%	-3.9%	-2.5%	3.9%	21.0%	-14.2%	22.3%	-0.1%	-7.6%	-5.4%	20.7%
	MSCI Emerging Markets	18.1%	-9.8%	-3.4%	1.9%	2.9%	3.3%	18.4%	-14.6%	37.3%	11.2%	-14.9%	-2.2%	-2.6%
ts	Brazil	22.8%	-38.9%	-33.4%	-2.5%	0.4%	-4.1%	26.3%	-0.5%	24.1%	66.2%	-41.4%	-14.0%	-16.0%
ırke	China	15.3%	3.5%	13.1%	8.6%	5.3%	6.4%	23.5%	-18.9%	54.1%	0.9%	-7.8%	8.0%	3.6%
ĬŠ.	India	20.6%	-16.9%	-17.0%	-1.6%	0.9%	1.7%	7.6%	-7.3%	38.8%	-1.4%	-6.1%	23.9%	-3.8%
Emerging Markets	Indonesia	24.0%	-25.1%	-24.0%	-7.4%	-0.3%	0.9%	9.1%	-9.2%	24.2%	17.0%	-19.5%	26.6%	-23.5%
ner	Korea	19.5%	-7.3%	0.4%	-1.9%	4.2%	4.8%	12.5%	-20.9%	47.3%	8.7%	-6.7%	-11.1%	3.9%
五	Mexico	11.0%	-28.4%	-25.2%	-14.4%	-9.2%	-2.0%	11.4%	-15.5%	16.0%	-9.2%	-14.4%	-9.3%	0.2%
	Russia	18.7%	-24.5%	-13.0%	11.6%	8.6%	2.3%	50.9%	-0.4%	5.2%	54.8%	4.2%	-46.3%	0.8%

Source: Morningstar Direct; GWCM Analysis

Individual country returns are represented by MSCI indices and shown as USD returns

*Canada is not part of the EAFE Index

Past performance is not a guarantee or prediction of future results.



Returns by Style

		3 Months				1 Year		S	ince Marke	et Peak (Feb	ruary, 2020)
	Value	Blend	Growth		Value	Blend	Growth		Value	Blend	Growth
Large	14.3%	20.5%	27.8%	Large	-8.8%	7.5%	23.3%	Large	-17.3%	-7.8%	0.5%
Mid	19.9%	24.6%	30.3%	ΡiΜ	-11.8%	-2.2%	11.9%	Mid	-19.5%	-12.5%	-2.6%
Small	18.9%	25.4%	30.6%	Small	-17.5%	-6.6%	3.5%	Small	-21.9%	-14.3%	-7.8%
		3 Year				5 Year			Since Mark	cet Low (Ma	rch, 2020)
	Value	Blend	Growth		Value	Blend	Growth		Value	Blend	Growth
Large	1.8%	10.7%	19.0%	Large	4.6%	10.7%	15.9%	Large	28.2%	35.2%	43.9%
Mid	-0.5%	5.8%	14.8%	Mid	3.3%	6.8%	11.6%	Mid	36.5%	41.9%	48.5%
Small	-4.3%	2.0%	7.9%	Small	1.3%	4.3%	6.9%	Small	33.8%	42.8%	50.1%

performance as of June 30, 2020

Source: Morningstar Direct; GWCM Analysis; Large Blend – S&P 500 Index, Large Value – Russell 1000 Value Index, Large Growth – Russell 1000 Growth Index, Mid Blend – Russell Mid Cap Index, Mid Value – Russell Mid Cap Value Index, Mid Growth – Russell Mid Cap Growth Index, Small Blend – Russell 2000 Index, Small Value – Russell 2000 Value Index, Small Growth – Russell 2000 Growth Index



Fixed Income and Specialty Returns

(as of June 30, 2020)	QTD	YTD	1 Year Trailing	3 Year Trailing	5 Year Trailing	10 Year Trailing	2019	2018	2017	2016	2015	2014	2013
Fixed Income													
Bloomberg Barclays US Aggregate	2.9%	6.1%	8.7%	5.3%	4.3%	3.8%	8.7%	0.0%	3.5%	2.6%	0.5%	6.0%	-2.0%
Bloomberg Barclays US Treasury	0.5%	8.7%	10.4%	5.6%	4.1%	3.4%	6.9%	0.9%	2.3%	1.0%	0.8%	5.1%	-2.7%
Bloomberg Barclays US Govt/Credit Intermedia	2.8%	5.3%	7.1%	4.4%	3.5%	3.1%	6.8%	0.9%	2.1%	2.1%	1.1%	3.1%	-0.9%
Bloomberg Barclays US Govt/Credit Long	6.2%	12.8%	18.9%	10.3%	9.0%	7.8%	19.6%	-4.7%	10.7%	6.7%	-3.3%	19.3%	-8.8%
Bloomberg Barclays US TIPS	4.2%	6.0%	8.3%	5.0%	3.7%	3.5%	8.4%	-1.3%	3.0%	4.7%	-1.4%	3.6%	-8.6%
Bloomberg Barclays US Corporate High Yield	10.2%	-3.8%	0.0%	3.3%	4.8%	6.7%	14.3%	-2.1%	7.5%	17.1%	-4.5%	2.5%	7.4%
FTSE WGBI	2.0%	4.1%	4.6%	4.0%	3.7%	2.4%	5.9%	-0.8%	7.5%	1.6%	-3.6%	-0.5%	-4.0%
JPM EMBI Global Diversified	12.3%	-2.8%	0.5%	3.6%	5.3%	6.0%	15.0%	-4.3%	10.3%	10.2%	1.2%	7.4%	-5.3%
FTSE Treasury Bill 3 Month	0.1%	0.5%	1.6%	1.7%	1.2%	0.6%	2.3%	1.9%	0.8%	0.3%	0.0%	0.0%	0.1%
Specialty													
Bloomberg Commodity	5.1%	-19.4%	-17.4%	-6.1%	-7.7%	-5.8%	7.7%	-11.2%	1.7%	11.8%	-24.7%	-17.0%	-9.5%
DJ US Select REIT	9.1%	-22.0%	-17.7%	-2.0%	2.4%	8.3%	23.1%	-4.2%	3.8%	6.7%	4.5%	32.0%	1.2%
FTSE EPRA/NAREIT Developed Ex US	8.8%	-21.2%	-15.4%	-0.3%	1.3%	5.9%	21.8%	-5.8%	20.8%	2.0%	-3.2%	3.2%	6.1%



Calendar Year Returns by Asset Class

2011	2012	2013	2014	2015	2016	2017	2018	2019	2020 YTD	Cumulative Return*
Agg Bond	Mid Value	Sm Growth	Mid Value	Lg Growth	Sm Value	Emrg Mkt	Agg Bond	Lg Growth	Lg Growth	Lg Growth
7.8	18.5	43.3	14.7	5.7	31.7	37.3	0.01	36.39	9.81	287.97
Balanced	Emrg Mkt	Mid Growth	Lg Value	Balanced	Mid Yalue	Lg Growth	Lg Growth	Mid Growth	Agg Bond	Mid Growth
4.7	18.2	35.7	13.5	1.3	20.0	30.2	-1.51	35.47	6.14	211.98
Lg Growth	Sm Value	Sm Value	Lg Growth	Agg Bond	Lg Value	Mid Growth	Balanced	Sm Growth	Mid Growth	Sm Growth
2.6	18.1	34.5	13.0	0.5	17.3	25.3	-2.35	28.48	4.16	155.06
Lg Yalue	Lg Value	Lg Growth	Mid Growth	Mid Growth	Sm Growth	International	Mid Growth	Mid Value	Balanced	Lg Value
0.4	17.5	33.5	11.9	-0.2	11.3	25.0	-4.75	27.06	0.98	128.74
Mid Yalue	International	Mid Value	Balanced	International	Emrg Mkt	Sm Growth	Lg Value	Lg Value	Sm Growth	Sm Value
-1.4	17.3	33.5	10.6	-0.8	11.2	22.2	-8.27	26.54	-3.06	121.61
Mid Growth	Mid Growth	Lg Value	Agg Bond	Sm Growth	Balanced	Balanced	Sm Growth	Sm Value	Emrg Mkt	Balanced
-1.7	15.8	32.5	6.0	-1.4	8.3	14.2	-9.31	22.39	-9.78	111.60
Sm Growth	Lg Growth	International	Sm Growth	Lg Value	Mid Growth	Lg Value	Mid Yalue	Balanced	International	Mid Yalue
-2.9	15.3	22.8	5.6	-3.8	7.3	13.7	-12.29	22.18	-11.34	67.74
Sm Value	Sm Growth	Balanced	Sm Value	Mid Yalue	Lg Growth	Mid Yalue	Sm Value	International	Lg ¥alue	Agg Bond
-5.5	14.6	17.6	4.2	-4.8	7.1	13.3	-12.86	22.01	-16.26	43.90
International	Balanced	Agg Bond	Emrg Mkt	Sm Value	Agg Bond	Sm Value	International	Emrg Mkt	Mid Value	International
-12.1	11.3	-2.0	-2.2	-7.5	2.6	7.8	-13.79	18.42	-18.09	40.58
Emrg Mkt	Agg Bond	Emrg Mkt	International	Emrg Mkt	International	Agg Bond	Emrg Mkt	Agg Bond	Sm Value	Emrg Mkt
-18.4	4.2	-2.6	-4.9	-14.9	1.0	3.5	-14.58	8.72	-23.50	8.91

^{*}Cumulative return is for the time period 1/1/2011 - 6/30/2020

Source: Morningstar Direct; GWCM Analysis; Lg Growth – Russell 1000 Growth Index, Lg Value – Russell 1000 Value Index, Mid Growth – Russell Mid Cap Growth – Russell 2000 Growth Index, Sm Value – Russell 2000 Value Index, International – MSCI EAFE NR Index, Emrg Mkt – MSCI EM NR Index, Agg Bond – Bloomberg Barclays US Aggregate Bond Index, Balanced – 60% S&P 500 Index and 40% Bloomberg Barclays US Aggregate Bond Index.



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- The Citigroup 3-Month T-Bill Index is an unmanaged index that is generally representative of 3-month Treasury bills and consists of an average of the last 3-month U.S. Treasury Bill issues.
- The MSCI Emerging Markets Index represents the performance of stocks in 26 emerging market countries in Europe, Latin America and the Pacific Basin.
- The Bloomberg Barclays Capital US Aggregate Bond Index includes fixed rate debt issues rated investment grade or higher by Moody's Investors Service, Standard and Poor's, or Fitch Investor's Service, in that order. All issues must have at least 1 year left to maturity and have an outstanding par value of at least \$100 million. The Aggregate Index is comprised of the Government/Corporate, the Mortgage-Backed Securities, and the Asset-Backed Securities indices.
- The Standard & Poor's 500 is a market capitalization-weighted index of 500 widely held stocks often used as a proxy for the stock market. Standard and Poor's chooses the member companies for the 500 based on market size, liquidity and industry group representation. Included are the stocks of industrial, financial, utility, and transportation companies. Since mid-1989, this composition has been more flexible and the number of issues in each sector has varied. The returns presented for the S&P 500 are total returns, including the reinvestment of dividends each month.
- The Russell 1000 Value Market capitalization-weighted index of those firms in the Russell 1000 with lower price-to-book ratios and lower forecasted growth values. The Russell 1000 includes the largest 1000 firms in the Russell 3000, which represents approximately 98% of the investable U.S. equity market.
- The Russell 1000 Growth Market capitalization-weighted index of those firms in the Russell 1000 with higher price-to-book ratios and higher forecasted growth values. The Russell 1000 includes the largest 1000 firms in the Russell 3000, which represents approximately 98% of the investable U.S. equity market.

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Disclosures and Benchmark Definitions

- The Russell 2000 Consists of the smallest 2000 companies in the Russell 3000 Index, representing approximately 7% of the Russell 3000 total market capitalization. Returns include reinvestment of dividends.
- The Russell 2000 Value Market-weighted total return index that measures the performance of companies within the Russell 2000 Index having lower price-to-book ratios and lower forecasted growth values. The Russell 2000 Index includes the 2000 firms from the Russell 3000 Index with the smallest market capitalizations.
- The Russell 2000 Growth Market-weighted total return index that measures the performance of companies within the Russell 2000 Index having higher price-to-book ratios and higher forecasted growth values. The Russell 2000 Index includes the 2000 firms from the Russell 3000 Index with the smallest market capitalizations.
- The Russell Mid-Cap Measures the performance of the 800 smallest companies in the Russell 1000 Index, which represent approximately 24% of the total market capitalization of the Russell 1000 Index.
- The Russell Mid-Cap Value Market-weighted total return index that measures the performance of companies within the Russell Mid-Cap Index having lower price-to-book ratios and lower forecasted growth values. The Russell Mid-Cap Index includes firms 201 through 1000, based on market capitalization, from the Russell 3000 Index.
- The Russell Mid-Cap Growth Market-weighted total return index that measures the performance of companies within the Russell Mid-Cap Index having higher price-to-book ratios and higher forecasted growth values. The Russell Mid-Cap Index includes firms 201 through 1000, based on market capitalization, from the Russell 3000 Index.
- The Bloomberg Barclays U.S. Treasury Index includes public obligations of the U.S. Treasury with a remaining maturity of one year or more.
- The Bloomberg Barclays US Corporate High Yield Index measures the US corporate market of non-investment grade, fixed-rate corporate bonds. Securities are classified as high yield if the middle rating of Moody's, Fitch, and S&P is Ba1/BB+/BB+ or below.
- The Bloomberg Commodity Index measures price movements of the commodities included in the appropriate sub index. It does not account for effects of rolling futures contracts or costs associated with holding the physical commodity.
- The Bloomberg Barclays US Government/Credit Intermediate Index measures the performance of U.S. Dollar denominated U.S. Treasuries, government-related and investment grade U.S. corporate securities that have a remaining maturity of greater than one year and less than ten years.

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Disclosures and Benchmark Definitions

- The Bloomberg Barclays US Government/Credit Long Index includes publicly issued U.S. Treasury debt, U.S. government agency debt, taxable debt issued by U.S. states and territories and their political subdivisions, debt issued by U.S. and non-U.S. corporations, non-U.S. government debt and supranational debt.
- The Citi World Government Bond Index is an index of bonds issued by governments in the U.S., Europe and Asia.
- The Citigroup 3-Month T-Bill Index The Citigroup 3-Month T-Bill Index is an unmanaged index that is generally representative of 3-month Treasury bills and consists of an average of the last 3-month U.S. Treasury Bill issues.
- The JPMorgan Emerging Markets Bond Index Global tracks total returns for traded external debt instruments in the emerging markets, and is an expanded version of the JPMorgan EMBI+. As with the EMBI+, the EMBI Global includes U.S. dollar-denominated Brady bonds, loans, and Eurobonds with an outstanding face value of at least \$500 million. It covers more of the eligible instruments than the EMBI+ by relaxing somewhat the strict EMBI+ limits on secondary market trading liquidity.
- The Bloomberg Barclays US TIPS Index includes all publicly issued, U.S. Treasury inflation-protected securities that have at least one year remaining to maturity, are rated investment grade, and have \$250 million or more of outstanding face value.
- The Dow Jones U.S. Select REIT Index intends to measure the performance of publicly traded REITs and REIT-like securities. The index is a subset of the Dow Jones U.S. Select Real Estate Securities Index (RESI), which represents equity real estate investment trusts (REITs) and real estate operating companies (REOCs) traded in the U.S.
- The FTSE EPRA/NAREIT Developed ex US Index is a subset of the FTSE EPRA/NAREIT Developed Index and is designed to track the performance of listed real estate companies and REITS.

Source: Morningstar Direct.

RO825258 4/19



Disclosures

Carefully consider the investment objectives, risks, fees and expenses of the annuity and/or the investment options. Contact us for a prospectus, a summary prospectus and disclosure document, as available, containing this information. Read them carefully before investing.

You could lose money by investing in a money market fund. Although the fund seeks to preserve the value of your investment at \$1 per share, it cannot guarantee it will do so. An investment in the fund is not insured or guaranteed by the Federal Deposit Insurance Corporation or any other government agency. The fund's sponsor has no legal obligation to provide financial support to the fund, and you should not expect that the sponsor will provide financial support to the fund at any time.

The performance data contained herein represents past performance and does not guarantee future results. Investment return and principal value of an investment will fluctuate so that shares or units when redeemed may be worth less than their original cost. Current performance may be lower or higher than the return data quoted herein. For more current fund performance, including the most recent completed calendar month, please call 800-345-2345.

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Cash alternatives are not federally guaranteed and may lose value. Cash alternative portfolios have interest rate, inflation, and credit risks that are associated with the underlying assets owned by the portfolio.

Compared to higher rated securities, high yield bond investment options are subject to greater risk, including the risk of default.

Capital preservation funds are not federally guaranteed and may lose value. They have interest rate, inflation and credit risks that are associated with the underlying assets owned by the portfolio or fund.

Certain underlying funds invest in inflation protected bonds ("TIPS"). Unlike conventional bonds, the principal or interest of TIPS is adjusted periodically to a specified rate of inflation (e.g., Consumer Price Index for all Urban Consumers [CPI-U]). There can be no assurance that the inflation index used will accurately measure the actual rate of inflation.

Separately managed accounts are not registered investment products but separate accounts created specifically for the plan. Separately managed funds are not required to file a prospectus or registration statement with the SEC and, accordingly, neither is available.

A collective fund is not a mutual fund and is exempt from SEC registration. Designed for and exclusively sold to qualified retirement plans and their participants, the funds are not available to individual retail investors.

Foreign investments involve special risks, including currency fluctuations, taxation differences and political developments.

Equity securities of companies located in emerging markets involve greater risks than investing in more established markets, including currency fluctuations, political developments and share illiquidity.

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The quoted mutual fund performance may includes performance of a predecessor fund/share class prior to the share class commencement of operations. Please refer to the current prospectus for further information.

Funds may impose redemption fees and/or transfer restrictions if assets are held for less than the published holding period. For more information, see the fund's prospectus and/or disclosure documents.

Putnam funds are managed by Putnam Investment Management. Putnam mutual funds are distributed by Putnam Retail Management. Putnam is affiliated with GWL&A and GWL&A of NY and its subsidiaries.

Gross expense ratios are the funds' total annual operating costs expressed as a percentage of the funds' average net assets over a given time period. They are gross of any fee waivers or expense reimbursements. Net expense ratios are the expense ratios after the application of any voluntary or contractual waivers or reimbursements and are the actual ratios that investors paid during the funds' most recent fiscal year. Expense ratios are subject to change.



Disclosures

Morningstar rankings are based on total return and do not reflect of sales charges, which, if reflected, would reduce returns.

The date in a target date fund's name represents an approximate date when an investor is expected to retire (which is assumed to be at age 65) and/or begins withdrawing money. The principal value of the funds is not guaranteed at any time, including the target date. For more information, please refer to the fund prospectus and/or disclosure document. A target date fund will gradually shift its emphasis from more aggressive investments to more conservative ones based on its target date (which is the assumed retirement date for an investor).

Asset allocation and balanced investment options and models are subject to the risks of the underlying investments, which can be a mix of stocks/stock funds and bonds/bond funds. For more information, see the prospectus and/or disclosure documents.

The value of commodity-linked investments may be affected by financial factors, political developments and natural disasters. As such, investment options that invest primarily in commodities may experience greater volatility than investments in traditional securities.

Equity securities of small and mid-sized companies may be more volatile than securities of larger, more established companies.

Real estate securities and trusts involve greater risks than other non-diversified investments, including but not limited to: declining property values, varying economic conditions, changes in zoning laws, or losses from casualty. Real estate securities that invest in foreign real estate involve additional risk, including currency fluctuations and political developments.

Investment return and principal value of a variable investment will fluctuate so that an investor's shares when redeemed, may be worth more or less than the original cost.

There is no guarantee that companies that can issue dividends will declare, continue to pay, or increase dividends .

The JPMCB SmartRetirement Funds indirectly bear their proportionate share of the operating expenses of any underlying funds in which they may invest (excluding management fees and service fees).

The Trustee of the JPMCB SmartRetirement Funds agrees to reimburse the Fund for such fund operating expenses, and/or to waive a portion of the Trustee's management fee, to the extent that the fund's total annual operating expenses (excluding management fees, service fees, underlying fund fees attributable to dividend and interest expenses on short sales, interest, expenses related to litigation and potential litigation, and extraordinary expenses not incurred in the ordinary course of the Fund's business) exceeds 0.04% of the Fund's average daily new assets through the expense cap expiration date.

The price of equity securities may rise or fall because of changes in the broad market or changes in a company's financial condition, sometimes rapidly or unpredictably. These price movements may result from factors affecting individual companies, sectors or industries selected for the Fund's portfolio or the securities market as a whole, such as changes in economic or political conditions. Equity securities are subject to "stock market risk" meaning that stock prices in general (or in particular, the prices of the types of securities in which a fund invests) may decline over short or extended periods of time. When the value of a fund's securities goes down, an investment in a fund decreases in value.

Some of the data may have been obtained from Standard & Poor's ("S&P") © 2015 The McGraw-Hill Companies, Inc. S&P is a division of The McGraw-Hill Companies, Inc.

A benchmark index is not actively managed, does not have a defined investment objective, and does not incur fees or expenses. Therefore, performance of a fund will generally be less than its benchmark index. You cannot invest directly in a benchmark index.

Services offered by Advised Assets Group, LLC, a registered investment adviser.

Empower Retirement is not acting as an investment advisor for the plan. The information, analyses and fund alternatives described in this material are intended to provide assistance to the plan sponsor or other fiduciary responsible for plan investments and should not be relied upon as the sole basis for any investment decision. GWFS Equities, LLC and its affiliates may receive compensation with respect to proprietary investments and may receive compensation with respect to other plan investments. Other share classes may be available for the investment products described, and the plan sponsor is welcome to request more information on the options available.

Shares of Great-West Funds, Inc. are not sold directly to the general public but are offered to permitted accounts as defined in the prospectus. Asset allocation funds of Great-West Funds may invest in funds that are advised by Great-West Capital Management, LLC or are sub-advised by affiliates of GWCM. Asset allocation funds may also invest in a fixed-interest contract issued by GWL&A. While certain sub-advised funds may be managed similar to or modeled after other mutual funds with similar names and investment objectives, the Great-West Funds are not directly related to them. Consequently, the investment performance and other features of other mutual funds and any similarly named Great-West Fund may differ substantially.

The principal underwriter of Great-West Funds, Inc. is its affiliate GWFS Equities, Inc., Member FINRA/SIPC. Great-West Capital Management, LLC is the investment adviser.

advised by Great-West Capital Management, LLC (GWCM), funds that are sub-advisers of GWCM or funds that are advised by affiliated and unaffiliated investment advisers of GWCM or in a fixed-interest contract issued and guaranteed by Great-West Life & Annuity Insurance Company.

The guaranteed fund is a general account group annuity contract issued by Great-West Life & Annuity Insurance Company or, in New York, by Great-West Life & Annuity Insurance Company of New York that guarantees principal and credited interest for eligible participant-initiated withdrawals and transfers. The guarantee is backed by the general assets of the insurance company issuing the contract. The strength of the guarantee is dependent on the financial strength of the insurance company issuing the contract. Depending on the terms of the contract form, there may also be investment risks associated with certain plan sponsor actions, including but not limited to a termination of the contract that could result in a negative market value adjustment to the proceeds paid to the plan sponsor or an extended payment period. For more information, please contact Empower Retirement or refer to the contract.

State of Wisconsin Deferred Compensation Plan

Investment Performance and Expense Ratio Review

Performance as of June 30, 2020

Bill Thornton

Investment Director, Great-West Investments 303-737-1514 william.thornton@greatwest.com





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Executive Summary





Wisconsin Deferred Compensation Program – Asset Class Coverage

	Core "Doers"											
Stable Value/ Money Market	Fixed Income	Large Cap Value	Large Cap Core	Large Cap Growth	Mid Cap	Small Cap	Global/ International					
FDIC Bank Option, Vanguard Treasury Money Market, Stable Value Fund	BlackRock US Debt Index, Vanguard Long-Term Investment Grade, Dodge & Cox Income	Bridgeway Large Cap Value	Vanguard Institutional 500 Trust Index	Fidelity Contrafund Commingled Pool, Calvert U.S. Core Large Cap Resp Idx	BlackRock Mid Cap Equity Index, T.Rowe Price Instl Mid-Cap Equity	BlackRock Russell 2000 Index, DFA US Micro Cap	American Funds Europacific Growth, Blackrock EAFE Equity Index					

	Asset Allocation "Delegators"
Balanced/Lifestyle/Lifecycle	Managed Accounts

Vanguard Target Retirement Trusts, Vanguard Wellington

Professional Management Program - Ibbotson

	Specialty "Sophisticates"	
Brokerage	Other	Company Stock

Schwab

This graph is intended to show generally the anticipated relationship between various asset classes and the corresponding funds within each asset class available through your plan. Please note this is not intended to predict an actual level of return or risk for these funds. The historical returns and risk for these funds may vary significantly from the linear relationship represented above. Please refer to the funds' prospectuses and shareholder reports for actual return information.

Generally, the asset allocation of each target date fund will change on an annual basis with the asset allocation becoming more conservative as the fund nears the target retirement date. The target date is the approximate date when investors plan to start withdrawing their money.

The principal value of the fund(s) in a plan's lineup is not guaranteed at any time, including at the time of target date and/or withdrawal.

Performance Benchmarking

Name	Total Ret 3 Mth	Total Ret 1 Yr	Total Ret 3 Yr	Total Ret 5 Yr	Total Ret 10 Yr	Total Net Assets \$M	Expense Ratio
American Funds EuroPacific Gr R6	22.77	3.17	4.76	4.90	7.48	160,307	0.46
Morningstar Foreign Large Growth A	vg 21.42	6.44	6.05	5.58	7.79	-	1.12
MSCI EAFE Inde	ex 14.88	-5.13	0.81	2.05	5.73	-	-
MSCI ACWI ex U.	S. 16.12	-4.80	1.13	2.26	4.97	-	-
Blackrock EAFE Equity Index Coll T	15.11	-4.76	1.21	2.44	6.21	-	0.04
MSCI EAFE Inde	ex 14.88	-5.13	0.81	2.05	5.73	-	-
DFA US Micro Cap I	21.64	-14.92	-2.51	1.81	9.74	5,052	0.51
Morningstar Small Cap Blend A	vg 22.95	-11.41	-0.64	2.49	9.32	-	1.11
Russell 2000 Inde	ex 25.42	-6.63	2.01	4.29	10.50	-	-
Blackrock Russell 2000 Index Coll M	25.40	-6.61	2.11	4.44	-	-	0.03
Russell 2000 Inde	ex 25.42	-6.63	2.01	4.29	10.50	-	-
T. Rowe Price Instl Mid-Cap Equity Gr	28.62	3.55	11.58	11.09	15.47	7,014	0.61
Morningstar Mid Cap Growth A	vg 30.27	9.65	12.58	9.92	13.57	-	1.17
Russell Mid Cap Growth Inde	ex 30.26	11.91	14.76	11.60	15.09	-	-
S&P Midcap 400 Inde	ex 24.07	-6.70	2.39	5.22	11.34	-	-
Blackrock Midcap Equity Index Coll F	24.09	-6.56	2.48	5.30	11.42	-	0.02
S&P MidCap 400 Inde	ex 24.07	-6.70	2.39	5.22	11.34	-	-
Calvert US Large Cap Core Rspnb ldx R6	22.72	11.61	12.19	10.95	14.36	4,662	0.19
S&P 500 Inde	ex 20.54	7.51	10.73	10.73	13.99	-	-
Morningstar Socially Resp Large Cap Avg	** 22.50	7.74	10.75	9.88	13.13	-	0.96
Morningstar Large Cap Growth A	vg 27.43	17.34	15.95	12.84	15.12	-	1.06
Fidelity Contrafund Commingled Pool Cl 2	26.31	17.88	16.88	14.39	-		0.38
Morningstar Large Cap Growth A	vg 27.43	17.34	15.95	12.84	15.12	-	1.06
Russell 1000 Growth Inde	ex 27.84	23.28	18.99	15.89	17.23	-	-
S&P 500 Inde	ex 20.54	7.51	10.73	10.73	13.99	-	-

Past performance is no guarantee of future results. Rankings provided based on total returns. Performance quoted for mutual funds may include performance of a predecessor fund/share class prior to the share class commencement of operations.

^{**}This index is a compilation of all Large Cap Socially Conscious Funds in the Morningstar Database

Performance Benchmarking

Name	Total Ret 3 Mth	Total Ret 1 Yr	Total Ret 3 Yr	Total Ret 5 Yr	Total Ret 10 Yr	Total Net Assets \$M	Expense Ratio
American Beacon Bridgeway Lg Cap Value I CIT*	17.11	-13.92	-0.75	2.53	9.43	1,778	0.55
Morningstar Large Cap Value Avg	14.29	-8.84	1.82	4.64	10.41	-	-
Russell 1000 Value Index	15.68	-7.59	2.22	4.47	9.75	-	-
Vanguard Institutional 500 Index Trust**	20.55	7.50	10.73	10.72	13.98		0.01
S&P 500 Index	20.54	7.51	10.73	10.73	13.99	-	-
Vanguard Wellington Adm	12.03	4.87	7.36	7.82	9.97	103,569	0.17
Morningstar Moderate Allocation Avg	13.05	2.30	5.04	5.22	7.88	-	1.10
Composite 65% S&P 500 / 35% Barclay's Aggregate	14.37	7.94	8.84	8.48	10.43	-	-
Composite 65% S&P 500 / 35% Barclay's U.S. Credit A or Better ldx	15.82	8.53	9.21	8.99	10.97	-	-
Vanguard Long-Term Investment-Grade Adm	8.34	16.88	9.73	9.29	8.22	20,191	0.12
Barclay's LT Corporate A	7.04	10.43	6.37	5.75	5.37	-	-
Morningstar Corp Bond	9.27	7.98	5.39	5.05	5.09	-	0.80
Dodge & Cox Income	6.02	8.38	5.38	4.74	4.53	64,150	0.42
Morningstar Interm Core-Plus Bond Avg	5.54	6.83	4.58	3.98	4.16	-	-
BarCap US Agg Bond TR USD	2.90	8.74	5.32	4.30	3.82	-	-
Blackrock US Debt Index Fund Coll W	2.96	8.78	5.36	4.35	-	-	0.03
BarCap US Agg Bond TR USD	2.90	8.74	5.32	4.30	3.82	-	-
Vanguard Admiral Treasury Money Mkt Inv	0.08	1.40	1.62	1.08	0.55	39,508	0.09
Morningstar Taxable Money Mkt Avg	0.00	1.04	1.27	0.80	0.40	-	0.46
U.S. Treasury 90-Day T-Bill	0.04	1.20	1.62	1.12	0.59	-	-
iMoney Net Average Treasury MM	0.03	0.97	1.15	0.71	0.36	-	-
Stable Value Fund	0.59	2.51	2.34	2.16	2.32	743	0.29
5 Yr. Constant Maturity Treasury Yield	0.36	1.19	2.01	1.82	1.57	-	-



^{*} The American Beacon CIT returns presented in italics are linked to mutual fund performance.

^{**} Italicized returns are taken from mutual fund share class..

3-Year Percentile Ranks 6/30/2020

	Q2 2020	Q1 2020	Q4 2019	Q3 2019	Q2 2019	Q1 2019	Q4 2018	Q3 2018	Q2 2018	Q1 2018
	% of Peer									
Group/Investment	Group Beaten									
Amer Beacon Bridgeway Lg Cp Val Inst	13	10	15	16	21	15	21	62	68	78
American Funds Europacific Growth R6	42	31	53	61	73	72	69	56	59	66
BlackRock EAFE® Equity Index F	69	74	72	87	79	59	59	56	58	46
Blackrock Mid Cap Eq Idx Fund CF	45	52	52	61	61	68	90	73	90	90
BlackRock Russell 2000® Index F	84	81	81	69	81	85	73	85	81	82
Blackrock US Debt Idx Fund CF	83	95	78	73	63	61	66	64	70	73
Calvert US Large Cap Core Rspnb Idx I	96	90	87	83	90	88	74	70	54	69
DFA US Micro Cap I	23	31	31	46	54	60	71	83	82	79
Dodge & Cox Income	82	69	75	83	85	87	87	86	91	87
Fidelity Contrafund Commingled Pl 2	58	58	63	68	63	43	53	46	70	71
T. Rowe Price Mid-Cap Growth	36	45	66	71	62	57	72	55	68	86
Vanguard Institutional Index Instl Pl	84	81	83	82	84	87	89	92	93	91
Vanguard Long-Term Invest-Grade Adm	72	77	54	63	55	68	67	69	81	76
Vanguard Target Retire 2015 Trust I	74	87	69	66	67	65	65	62	64	65
Vanguard Target Retire 2025 Trust I	85	80	92	85	81	76	87	85	87	85
Vanguard Target Retire 2035 Trust I	80	79	76	71	81	78	77	74	75	76
Vanguard Target Retire 2045 Trust I	80	73	79	79	79	76	79	82	83	88
Vanguard Target Retire 2055 Trust I	81	78	71	65	72	69	80	69	67	75
Vanguard Target Retire Inc Trust I	84	90	72	67	58	51	68	57	67	75
Vanguard Wellington™ Admiral™	81	87	91	94	90	92	95	92	93	97



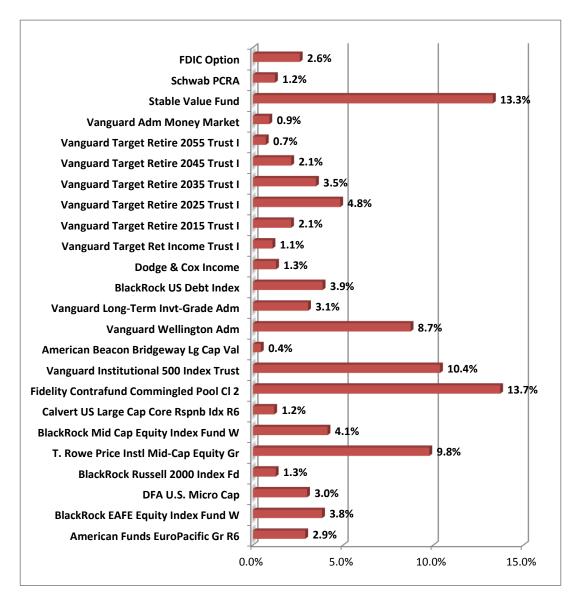
^{*} Percentile ranks shown for American Beacon Bridgeway and Calvert US Large Cap Responsible Index are taken from oldest share class of their respective mutual funds.

Past performance is no guarantee of future results. Rankings provided based on total returns. Performance quoted for mutual funds may include performance of a predecessor fund/share class prior to the share class commencement of operations.

	Plan Inception		WDC Assets in	WDC as a Percentage of	Fund as a Percentage of	Number of	Percentage of WDC Participants Utilizing
	Date	Fund Net Assets	Fund	Fund Assets	WDC Assets	Participants	Fund
American Funds EuroPacific Gr R6	1/28/2005	\$160,306,636,800	\$161,898,933	0.10%	2.90%	23,577	35.43%
BlackRock EAFE Equity Index Fund W	2/1/2001	\$40,205,573,217	\$214,031,308	0.53%	3.83%	22,923	34.45%
DFA U.S. Micro Cap	2/1/1997	\$5,052,071,814	\$167,543,279	3.32%	3.00%	11,181	16.80%
BlackRock Russell 2000 Index Fd	2/20/2004	\$696,839,096	\$70,614,018	10.13%	1.27%	16,088	24.18%
T. Rowe Price Instl Mid-Cap Equity Gr	2/1/1998	\$7,014,194,953	\$546,091,837	7.79%	9.78%	33,024	49.63%
BlackRock Mid Cap Equity Index Fund W	2/1/2001	\$5,435,348,421	\$230,921,120	4.25%	4.14%	24,555	36.90%
Calvert US Large Cap Core Rspnb ldx R6	4/18/2003	\$4,661,549,551	\$65,808,664	1.41%	1.18%	3,366	5.06%
Fidelity Contrafund Commingled Pool CI 2	1/31/1994	\$121,366,582,554	\$765,260,775	0.63%	13.71%	24,463	36.76%
Vanguard Institutional 500 Index Trust	9/9/1990	\$78,000,000,000	\$579,146,548	0.74%	10.38%	30,418	45.71%
American Beacon Bridgeway Lg Cap Val	11/1/2017	\$227,000,000	\$24,577,242	10.83%	0.44%	18,042	27.11%
Vanguard Wellington Adm	10/26/2001	\$103,569,284,749	\$488,011,789	0.47%	8.74%	26,149	39.30%
Vanguard Long-Term Invt-Grade Adm	10/26/2001	\$20,191,446,113	\$170,647,641	0.85%	3.06%	15,463	23.24%
BlackRock US Debt Index	2/1/2001	\$13,830,716,829	\$215,697,439	1.56%	3.86%	21,301	32.01%
Dodge & Cox Income	1/2/1989	\$64,150,020,664	\$71,683,939	0.11%	1.28%	14,291	21.48%
Vanguard Target Ret Income Trust I	7/29/2005	\$11,000,000,000	\$60,528,700	0.55%	1.08%	1,872	2.81%
Vanguard Target Retire 2015 Trust I	7/29/2005	\$11,500,000,000	\$118,046,366	1.03%	2.12%	2,783	4.18%
Vanguard Target Retire 2025 Trust I	7/29/2005	\$53,400,000,000	\$270,160,365	0.51%	4.84%	6,308	9.48%
Vanguard Target Retire 2035 Trust I	7/29/2005	\$49,600,000,000	\$195,221,500	0.39%	3.50%	6,793	10.21%
Vanguard Target Retire 2045 Trust I	7/29/2005	\$37,800,000,000	\$118,536,320	0.31%	2.12%	6,480	9.74%
Vanguard Target Retire 2055 Trust I	8/18/2010	\$17,600,000,000	\$39,853,142	0.23%	0.71%	4,166	6.26%
Vanguard Adm Money Market	10/1/1993	\$39,700,000,000	\$50,864,592	0.13%	0.91%	6,435	9.67%
Stable Value Fund	9/1/1996	N/A	\$742,811,426	N/A	13.31%	29,386	44.16%
Schwab PCRA	2/17/2000	N/A	\$68,245,086	N/A	1.22%	1,193	1.79%
FDIC Option	12/31/1996	N/A	\$144,993,273	N/A	2.60%	7,085	10.65%



Asset Summary 6/30/2020



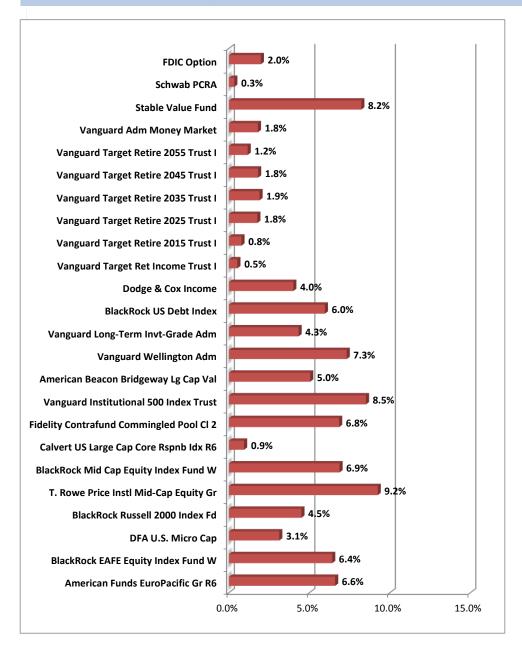
Total WDC Assets

\$5,581,195,302

Domestic Equity	\$2,449,963,482	44%
Intl Equity	\$375,930,241	7%
Asset Allocation	\$1,290,358,182	23%
Fixed Income	\$458,029,019	8%
Cash Equiv.	\$938,669,292	17%
Self-Directed Brok.	\$68,245,086	1%



Participant Summary



Total WDC Participants 66,544

Expense Summary

Name	Expense Ratio	Annual Expense per \$1000
American Funds EuroPacific Gr R6	0.46	\$4.60
Cat: Foreign Large Growth	1.12	
Blackrock EAFE Equity Index Fund W	0.04	\$0.40
Cat: Foreign Large Blend Index	0.42	
DFA U.S. Micro Cap	0.51	\$5.10
Cat: Small Blend	1.11	
Blackrock Russell 2000 Index Fd	0.03	\$0.30
Cat: Small Cap Blend Index	0.42	
T. Rowe Price Instl Mid-Cap Equity Gr	0.61	\$6.10
Cat: Mid Growth	1.17	
Blackrock Mid Cap Equity Index Fund W	0.02	\$0.20
Cat: Mid Cap Blend Index	0.47	
Calvert US Large Cap Core Rspnb ldx R6	0.19	\$1.90
Cat: Socially Resp Large Cap	0.97	
Fidelity Contrafund Commingled Pool Cl 2	0.38	\$3.80
Cat: Large Growth	1.06	
Vanguard Institutional 500 Index Trust	0.01	\$0.10
Cat: Large Cap Blend Index	0.45	
American Beacon Bridgeway Lg Cap Val	0.55	\$5.50
Cat: Large Value	0.99	
Stable Value Fund	0.29	\$3.20
Cat: Stable Value	0.70	
Dodge & Cox Income	0.42	\$4.20
Cat: Interm. Core-Plus Bond	0.79	

Asset-Weighted Average Expense Ratio: 0.22%

Name	Expense Ratio	Annual Expense per \$1000
Vanguard Wellington Adm	0.17	\$1.70
Cat: Moderate Allocation	1.10	
Vanguard Target Retirement 2055 Inv	0.07	\$0.70
Cat: Target Date 2050+	0.76	
Vanguard Target Retirement 2045 Inv	0.07	\$0.70
Cat: Target Date 2041-2045	0.75	
Vanguard Target Retirement 2035 Inv	0.07	\$0.70
Cat: Target Date 2031-2035	0.74	
Vanguard Target Retirement 2025 Inv	0.07	\$0.70
Cat: Target Date 2021-2025	0.72	
Vanguard Target Retirement 2015 Inv	0.07	\$0.70
Cat: Target Date 2011-2015	0.65	
Vanguard Target Retirement Income Inv	0.07	\$0.70
Cat: Retirement Income	0.75	
Vanguard Long-Term Invmt-Grade Adm	0.12	\$1.20
Cat: Corporate Bond	0.80	
Blackrock US Debt Index	0.03	\$0.30
Cat: Intermediate Bond Index	0.30	
Vanguard Adm Money Market	0.09	\$0.90
Average US Taxable Money Market Fund	0.46	

^{*} The Dodge & Cox Income Fund shares revenue back to the plan's participants, which is not reflected in the expense ratios above. The expense ratio of the fund including this reimbursement would be 0.32% annually.



Target Date Fund Summary



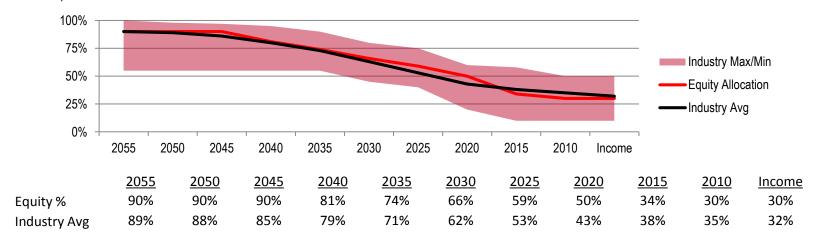
Name	Total Ret 3 Mth	Total Ret 1 Yr	Total Ret 3 Yr	Total Ret 5 Yr	Total Ret 10 Yr	Total Net Assets \$M	Expense Ratio	% Short- Term	% US Stocks	% Non US Stocks	% Inv Grade Bond	% High Yield Bond
Vanguard Target Retire Inc Trust I	7.88	5.79	5.39	4.93	5.84	11,000	0.07	5	17	12	66	0
S&P Target Date Retirement Income TR USD	8.18	5.40	5.17	4.70	5.54	-	-	-	-	-	-	-
Composite Returns*	7.39	6.02	5.06	4.50	5.21	-	-	-	-	-	-	-
Vanguard Target Retire 2015 Trust I	8.88	5.56	5.78	5.47	7.55	11,500	0.07	4	20	14	61	0
S&P Target Date 2015 TR USD	9.77	4.73	5.35	5.30	7.10	-	-	-	-	-	-	-
Composite Returns*	8.27	5.61	5.06	4.57	5.52	-	-	-	-	-	-	-
Vanguard Target Retire 2025 Trust I	13.23	4.95	6.33	6.29	8.88	53,400	0.07	3	35	24	38	0
S&P Target Date 2025 TR USD	12.25	3.66	5.57	5.82	8.31	-	-	-	-	-	-	-
Composite Returns*	12.22	3.74	5.05	4.92	6.87	-	-	-	-	-	-	-
Vanguard Target Retire 2035 Trust I	15.95	4.06	6.45	6.62	9.84	49,600	0.07	3	44	30	23	0
S&P Target Date 2035 TR USD	15.55	2.12	5.61	6.17	9.16	-	-	-	-	-	-	-
Composite Returns*	14.64	2.55	5.03	5.12	7.69	-	-	-	-	-	-	-
Vanguard Target Retire 2045 Trust I	18.63	3.06	6.41	6.79	10.10	37,800	0.07	2	53	35	9	0
S&P Target Date 2045 TR USD	17.29	1.20	5.56	6.34	9.61	-	-	-	-	-	-	-
Composite Returns*	17.09	1.40	5.04	5.34	8.53	-	-	-	-	-	-	-
Vanguard Target Retire 2055 Trust I	18.65	3.07	6.40	6.77	-	17,600	0.07	3	53	35	9	0
S&P Target Date 2055+ TR USD	17.76	0.89	5.54	6.45	-	-	-	-	-	-	-	-
Composite Returns*	16.94	1.44	5.02	5.32	8.47	-	-	-	-	-	-	-

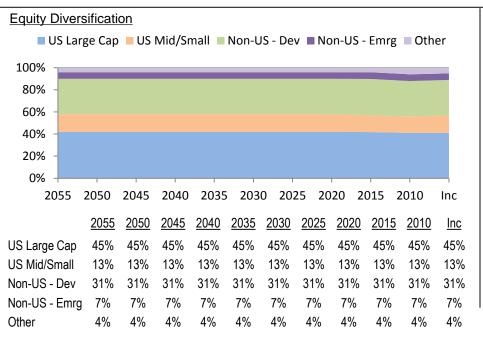


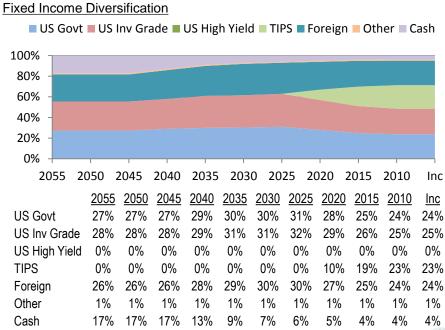
^{*}Composite benchmark consists of the following indices weighted to match the allocation of the specific target date fund: MSCI Broad Market, MSCI EAFE, Barclays Aggregate Bond, and Barclays US Treasury 1-3 Month

Glide Path Summary

Data as of June 30, 2020







Expense Ratio Information



6/30/2020

Expense Summary

	Net Expense Ratio	Peer Rank	Gross Expense Ratio	Peer Rank
Cash Equiv				
Stable Value				
Stable Value (Wisconsin)	0.29		0.29	
Fixed Income				
Money Market-Taxable				
Vanguard Treasury Money Market Investor	0.09	2	0.09	1
Money Market-Taxable Median	0.50		0.59	
ntermediate Core Bond				
BlackRock US Debt Index-W	0.03	3	0.03	2
Intermediate Core Bond Median	0.80		0.98	
ntermediate Core-Plus Bond				
Dodge & Cox Income	0.42	13	0.42	7
Intermediate Core-Plus Bond Median	0.69		0.83	
ong-term Bond				
Vanguard Long-Term Investment-Grade Adm	0.12	15	0.12	15
Long-Term Bond Median	0.75		0.89	
Balanced				
Allocation50% to 70% Equity				
Vanguard Wellington Admiral	0.17	1	0.17	1
Allocation50% to 70% Equity Median	1.15		1.29	
Target-Date Retirement				
The Vanguard Target Retire Inc Trust I	0.07	1	0.07	1
Target-Date Retirement Median	0.81		1.06	
Target-Date 2015				
The Vanguard Target Retire 2015 Trust I	0.07	1	0.07	1
Target-Date 2015 Median	0.84		1.16	
Farget-Date 2025				
The Vanguard Target Retire 2025 Trust I	0.07	1	0.07	1
Target-Date 2025 Median	0.79		1.03	
Target-Date 2035				
The Vanguard Target Retire 2035 Trust I	0.07	1	0.07	1
Target-Date 2035 Median	0.80		1.09	



Expense Summary 6/30/2020

	Net Expense Ratio	Peer Rank	Gross Expense Ratio	Peer Rank
Target-Date 2045				
The Vanguard Target Retire 2045 Trust I	0.07	1	0.07	1
Target-Date 2045 Median	0.80		1.14	
Target-Date 2055				
The Vanguard Target Retire 2055 Trust I	0.07	1	0.07	1
Target-Date 2055 Median	0.77		1.21	
Equity				
Large Value				
Bridgeway Large Cap Value CIT Class I	0.55	12	0.55	10
Large Value Median	1.02		1.19	
Large Blend				
Vanguard Institutional Index Instl PI	0.01	1	0.01	1
Calvert US Large Cap Core Rspnb ldx R6	0.19	6	0.32	9
Large Blend Median	1.00		1.18	
Large Growth				
Fidelity Contrafund Commingled Pool Cl 2	0.38	4	0.38	4
Large Growth Median	1.12		1.27	
Mid-Cap Blend				
BlackRock Mid Cap Equity Index- F	0.02	1	0.02	1
Mid-Cap Blend Median	1.10		1.27	
Mid-Cap Growth				
T. Rowe Price Instl Mid-Cap Equity Gr	0.61	5	0.61	4
Mid-Cap Growth Median	1.24		1.43	
Small Blend				
DFA US Micro Cap I	0.51	11	0.51	10
BlackRock Russell 2000 Index-T	0.03	2	0.03	2
Small Blend Median	1.15		1.29	
International				
Foreign Large Blend				
BlackRock EAFE Equity Index-T	0.04	2	0.04	3
Foreign Large Blend Median	1.08		1.28	



Expense Summary 6/30/2020

	Net Expense Ratio	Peer Rank	Gross Expense Ratio	Peer Rank
Foreign Large Growth				
American Funds Europacific Growth R6	0.46	4	0.46	3
Foreign Large Growth Median	1.15		1.30	



Fund Analysis

Please consider the investment objectives, risks, fees and expenses carefully before investing. The prospectus contains this and other information about the investment options. Depending on the investment options offered in your Plan, your registered representative can provide you with prospectuses for any mutual funds; any applicable annuity contracts and the annuity's underlying funds; and/or disclosure documents for investment options exempt from SEC registration. Please read them carefully before investing.

Past performance is not indicative of future results. Performance includes the reinvestment of any income. Returns will fluctuate; and an investment upon redemption may be worth more or less than its original value. Current performance may be higher or lower than the performance data shown. For up-to-date month end performance information please call 800-345-2345.

Rankings provided based on total return.

Sources: MPI Stylus Web, Morningstar, individual investment managers



In order to present the most complete information possible, mutual fund share classes are used as a proxy in the following pages for the commingled trusts included in the Deferred Compensation Plan. To indicate these pages, the fund name at the top of the page has been italicized.

Stable Value (Wisconsin)

Fund Incep Date: 07/01/1998

Benchmark:

ML 3-month T-Bill

Category: Stable Value Net Assets: \$742.72M

Manager Name: Team Managed

Manager Start Date: 06/30/1998

Expense Ratio: 0.29% Expense Rank:

PORTFOLIO COMPOSITION (Holdings-based)

Assets



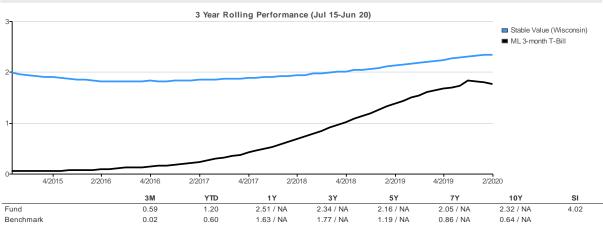
Sector Breakdown

Sensitive	
Communication Services	0.00%
Industrials	0.00%
Technology	0.00%
Energy	0.00%
Cyclical	
Basic Materials	0.00%
Consumer Cyclical	0.00%
Real Estate	0.00%
Financial Services	0.00%
Defensiv e	
Consumer Defensive	0.00%
Healthcare	0.00%
Utilities	0.00%
TOP 10 HOLDINGS	

INVESTMENT OVERVIEW

To provide safety of principal and a stable crediting rate, while generating a competitive return.

PERFORMANCE



CALENDAR	2019	2018	2017	2016	2015	2014	2013	2012	2011
Fund	2.56	2.25	1.89	1.89	1.85	1.73	2.10	2.63	3.13
Benchmark	2.28	1.87	0.86	0.33	0.05	0.03	0.07	0.11	0.10

Total: NA%

ASSET LOADINGS (Returns-based)

100-	FUND EXPOSURES (W EIGHT) (Jul 17-Jun 20)
100-	
75-	
50-	
25-	
0-	

		Current		Ave	erage
		Fund	Bmk	Fund	Bmk
Т	Cash	98.2	100.0	99.4	100.0
1	Mortgages	0.0	0.0	0.0	0.0
1	Gov/Corp Bonds	1.8	0.0	0.6	0.0

RISK & PERFORMANCE STATISTICS

3 Yr	Fund	Benchmark
Alpha	0.56	0.00
Beta	0.00	0.00
R-Squared	0.00	0.00
Sharpe Ratio	7.61	0.00
Up Market Capture	132.48	100.00
Down Market Capture	NA	NA

5 Yr	Fund	Benchmark
Alpha	0.95	0.00
Beta	0.00	0.00
R-Squared	0.00	0.00
Sharpe Ratio	10.62	0.00
Up Market Capture	174.65	100.00
Down Market Capture	-2787.19	100.00

NOTES



Vanguard Treasury Money Market Investor VUSXX

0.00%

6/30/2020

Fund Incep Date: 12/14/1992

Benchmark:

FTSE Treasury Bill 3 Mon

Category: Money Market-Taxable Net Assets: \$39,697.00M Manager Name:

Manager Start Date:

Expense Ratio: 0.09%

Expense Rank:

PORTFOLIO COMPOSITION (Holdings-based)





Credit Quality (%)

AAA AA

A BBB

ВВ

B Below B

NR/NA Total:

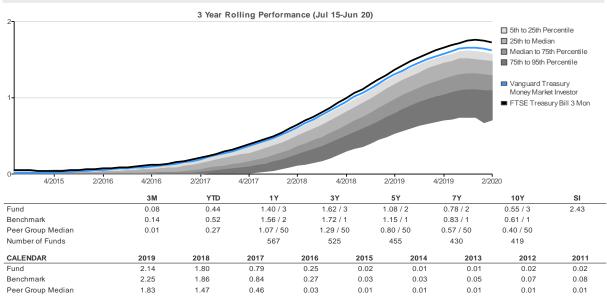
Sector (%)

000101 (70)	
% Government	26.50%
% Municipal	0.00%
% Corporate	0.00%
% Securitized	0.00%
% Cash and Equivalent	73.50%
% Derivative	0.00%
Total:	100.00%

INVESTMENT OVERVIEW

The investment seeks to provide current income while maintaining liquidity and a stable share price of \$1. The fund invests solely in high-quality, short-term money market securities whose interest and principal payments are backed by the full faith and credit of the U.S. government. At least 80% of the fund's assets will be invested in U.S. Treasury securities; the remainder of the assets may be invested in securities issued by U.S. governmental agencies. The fund maintains a dollar-weighted average maturity of 60 days or less and a dollar-weighted average life of 120 days or less.

PERFORMANCE



RISK & PERFORMANCE STATISTICS

NO	٦Т	=9
146	,,	_,

	FUND EXPOSURES (W EIGHT) (Jul 17-Jun 20)
100-	
75-	
50-	
25-	
0-	
-	Current Average

ASSET LOADINGS (Returns-based)

		Current		Average	
		Fund	Bmk	Fund	Bmk
Π	Cash	98.5	98.7	99.4	99.5
1	Credit Bond	0.3	0.3	0.1	0.1
1	Govt Bond	0.0	0.0	0.0	0.0
	HY Corp Bond	1.0	1.0	0.4	0.4
I.	MBS	0.0	0.0	0.0	0.0
L	Muni Bond	0.2	0.0	0.1	0.0
T.	TIPS	0.0	0.0	0.0	0.0

3 Yr	Fund	Benchmark	Peer Group Median
Alpha	-0.10	0.00	-0.43
Beta	1.01	1.00	1.08
R-Squared	96.84	100.00	90.38
Sharpe Ratio	-0.82	-0.24	-2.58
Up Market Capture	94.03	100.00	74.64
Down Market Capture	NA	NA	NA

5 Yr	Fund	Benchmark	Peer Group Median
Alpha	-0.07	0.00	-0.35
Beta	1.01	1.00	1.08
R-Squared	95.45	100.00	78.37
Sharpe Ratio	-0.46	-0.17	-1.71
Up Market Capture	94.14	100.00	69.54
Down Market Capture	NA	NA	NA



iShares US Aggregate Bond Index K WFBIX (Blackrock U.S. Debt Index)

6/30/2020

Fund Incep Date: 07/02/1993 Benchmark :

BBgBarc US Aggregate Bond Index

Category: Intermediate Core Bond Net Assets: \$2.343.00M Manager Name : Scott Radell Manager Start Date : 05/01/2009 Expense Ratio : 0.05%

Expense Rank:

PORTFOLIO COMPOSITION (Holdings-based)

Assets



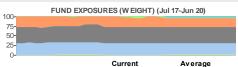
Credit Quality (%)

70.56%
2.74%
12.59%
14.11%
0.00%
0.00%
0.00%
0.00%
100.00%

Sector (%)

000101 (70)	
% Government	39.69%
% Municipal	0.62%
% Corporate	24.92%
% Securitized	21.42%
% Cash and Equivalent	13.36%
% Derivative	0.00%
Total:	100.01%

ASSET LOADINGS (Returns-based)

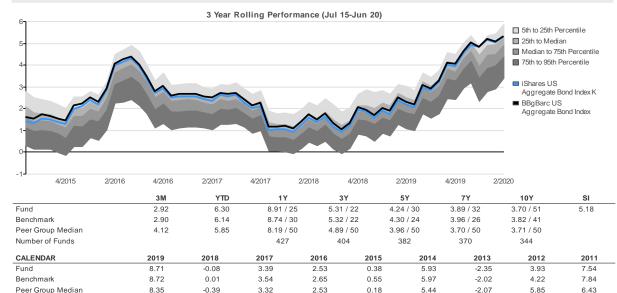


	Current		Average	
	Fund	Bmk	Fund	Bmk
Cash	2.3	1.1	1.3	0.7
Credit Bond	26.9	30.0	29.2	30.2
Govt Bond	41.9	41.9	42.2	41.4
HY Corp Bond	0.0	0.0	0.0	0.0
MBS	23.8	25.2	25.1	26.7
Muni Bond	1.9	1.6	1.2	0.9
TIPS	3.3	0.2	1.0	0.0

INVESTMENT OVERVIEW

The investment seeks to provide investment results that correspond to the total return performance of fixed-income securities in the aggregate, as represented by the Bloomberg Barclays U.S. Aggregate Bond Index. The fund is a "feeder" fund that invests all of its assets in the Master Portfolio of MIP, which has the same investment objective and strategies as the fund. Under normal circumstances, at least 90% of the value of the fund's assets, plus the amount of any borrowing for investment purposes, is invested in securities comprising the Barclays U.S. Aggregate Index.

PERFORMANCE



NOTES

3 Yr	Fund	Benchmark	Peer Group Median
Alpha	0.02	0.00	-0.40
Beta	0.99	1.00	1.03
R-Squared	99.69	100.00	88.36
Sharpe Ratio	1.07	1.07	0.89
Up Market Capture	98.89	100.00	99.62
Down Market Capture	96.86	100.00	114.74
5 Yr	Fund	Benchmark	Peer Grou

5 Yr	Fund	Benchmark	Peer Group Median
Alpha	-0.05	0.00	-0.26
Beta	0.99	1.00	1.01
R-Squared	99.70	100.00	88.65
Sharpe Ratio	0.98	1.00	0.87
Up Market Capture	98.93	100.00	98.80
Down Market Capture	99.94	100.00	110.15



Dodge & Cox Income DODIX

6/30/2020

Fund Incep Date: 01/03/1989

Benchmark:

BBgBarc US Aggregate Bond Index

Category: Intermediate Core-Plus Bond Net Assets: \$64,150.00M Manager Name: Dana M. Emery Manager Start Date: 01/03/1989

Expense Ratio: 0.42%

Expense Rank:

PORTFOLIO COMPOSITION (Holdings-based)

Assets



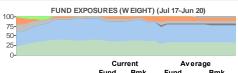
Credit Quality (%)

53.90%
5.40%
10.30%
23.40%
7.00%
0.00%
0.01%
0.00%
100.01%

Sector (%)

Total:	100.01%
% Derivative	0.00%
% Cash and Equivalent	2.09%
% Securitized	47.36%
% Corporate	39.05%
% Municipal	2.70%
% Government	8.81%

ASSET LOADINGS (Returns-based)

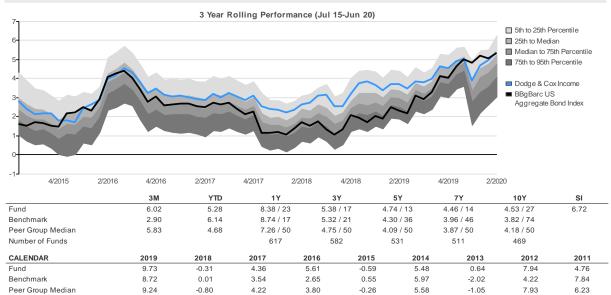


U.	-	Current		Ave	rage
		Fund	Bmk	Fund	Bmk
Т	Cash	32.9	1.1	34.6	0.7
I.	Credit Bond	44.2	30.0	47.7	30.2
1	Govt Bond	4.0	41.9	1.4	41.4
	HY Corp Bond	7.5	0.0	7.6	0.0
I.	MBS	8.6	25.2	7.1	26.7
L.	Muni Bond	0.0	1.6	1.1	0.9
L.	TIPS	2.8	0.2	0.5	0.0

INVESTMENT OVERVIEW

The investment seeks a high and stable rate of current income, consistent with long-term preservation of capital. The fund invests in a diversified portfolio of bonds and other debt securities. Under normal circumstances, the fund will invest at least 80% of its total assets in (1) investment-grade debt securities and (2) cash equivalents. "Investment grade" means securities rated Baa3 or higher by Moody's Investors Service, or BBB- or higher by Standard & Poor's Ratings Group or Fitch Ratings, or equivalently rated by any nationally recognized statistical rating organization, or, if unrated, deemed to be of similar quality by Dodge & Cox.

PERFORMANCE



NOTES

3 Yr	Fund	Benchmark	Peer Group Median
Alpha	0.74	0.00	-0.77
Beta	0.81	1.00	1.04
R-Squared	55.43	100.00	64.37
Sharpe Ratio	1.03	1.07	0.69
Up Market Capture	94.12	100.00	103.25
Down Market Capture	77.92	100.00	135.58
5 Yr	Fund	Benchmark	Peer Group Median

5 Yr	Fund	Benchmark	Peer Group Median
Alpha	1.14	0.00	-0.20
Beta	0.77	1.00	1.01
R-Squared	52.00	100.00	68.09
Sharpe Ratio	1.09	1.00	0.76
Up Market Capture	97.20	100.00	103.42
Down Market Capture	72.12	100.00	121.69



Vanguard Long-Term Investment-Grade Adm VWETX

6/30/2020

Fund Incep Date: 02/12/2001

Benchmark:

BBgBarc US Credit A+ Long TR USD

Category: Long-term Bond Net Assets: \$20,191.00M Manager Name: Scott I. St. John Manager Start Date: 05/28/2014

Expense Ratio: 0.12%

Expense Rank:

PORTFOLIO COMPOSITION (Holdings-based)

Assets



Credit Quality (%)

15.44%
18.59%
59.96%
4.53%
0.08%
0.03%
0.00%
1.37%
100.00%

Sector (%)

Total:	99.99%
% Derivative	0.00%
% Cash and Equivalent	4.77%
% Securitized	2.18%
% Corporate	77.15%
% Municipal	10.01%
% Government	5.88%

ASSET LOADINGS (Returns-based)

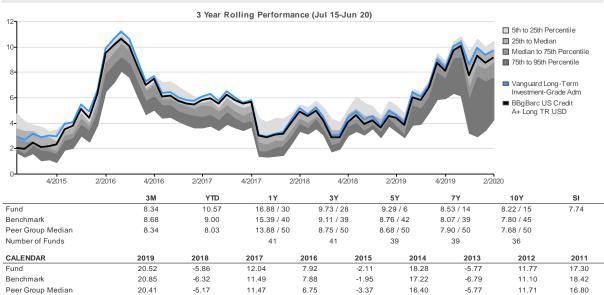


		Current		Ave	rage
		Fund	Bmk	Fund	Bmk
T	Cash	0.0	0.0	0.0	0.0
1	Credit Bond	90.1	100.0	95.3	99.7
-1	Govt Bond	9.9	0.0	4.7	0.3
	HY Corp Bond	0.0	0.0	0.0	0.0
1	MBS	0.0	0.0	0.0	0.0
1	Muni Bond	0.0	0.0	0.0	0.0
1	TIPS	0.0	0.0	0.0	0.0

INVESTMENT OVERVIEW

The investment seeks to provide a high and sustainable level of current income. The fund invests in a variety of high-quality and, to a lesser extent, medium-quality fixed income securities, at least 80% of which will be intermediate- and long-term investment-grade securities. High-quality fixed income securities are those rated the equivalent of A3 or better; medium-quality fixed income securities are those rated the equivalent of Baa1, Baa2, or Baa3. The fund's dollar-weighted average maturity is expected to fall within a range that is five years shorter than or five years longer than that of its benchmark index.

PERFORMANCE



NOTES

3 Yr	Fund	Benchmark	Peer Group Median
Alpha	0.79	0.00	-0.15
Beta	0.97	1.00	0.95
R-Squared	98.65	100.00	92.29
Sharpe Ratio	0.90	0.81	0.78
Up Market Capture	100.29	100.00	98.39
Down Market Capture	93.38	100.00	90.80
5 Yr	Fund	Benchmark	Peer Grou Median

5 Yr	Fund	Benchmark	Peer Group Median
Alpha	0.54	0.00	-0.32
Beta	0.99	1.00	0.99
R-Squared	98.40	100.00	91.86
Sharpe Ratio	0.99	0.93	0.86
Up Market Capture	102.38	100.00	100.29
Down Market Capture	97.82	100.00	99.83



Vanguard Target Retirement Income Inv VTINX (Vanguard Target Retirement Income Tr)

6/30/2020

Fund Incep Date: 10/27/2003 Benchmark:

S&P Target Date Retirement Income

Category : Target-Date Retirement Net Assets: \$16,883,00M Manager Name: William A. Coleman Manager Start Date : 02/22/2013

Expense Ratio : 0.12%

Expense Rank:

PORTFOLIO COMPOSITION (Holdings-based)

Assets



Sector Breakdown

Sensitive	
Communication Services	9.23%
Industrials	10.51%
Technology	17.70%
Energy	3.62%

Cyclical	
Basic Materials	4.57%
Consumer Cyclical	10.84%
Real Estate	3.72%
Financial Services	14.78%

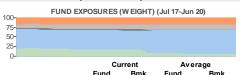
Defensive	
Consumer Defensive	8.08%
Healthcare	13.68%
Utilities	3.28%

TOP 10 HOLDINGS

36.79%
17.36%
16.72%
15.51%
12.02%

Total: 98.40%

ASSET LOADINGS (Returns-based)



		Current		Average	
		Fund	Bmk	Fund	Bmk
Т	Cash	4.3	15.9	12.5	19.3
1	US Bonds	62.9	46.0	54.6	44.8
1	Intl Bonds	0.0	3.1	2.1	1.9
1	Intl Equity	14.8	10.9	12.3	10.8
1	US Equity	18.0	24.3	18.5	23.2

INVESTMENT OVERVIEW

The investment seeks to provide current income and some capital appreciation. The fund invests in other Vanguard mutual funds according to an asset allocation strategy designed for investors currently in retirement. Its indirect bond holdings are a diversified mix of short-, intermediate-, and long-term U.S. government, U.S. agency, and investment-grade U.S. corporate bonds; inflation-protected public obligations issued by the U.S. Treasury; mortgage-backed and asset-backed securities; and government, agency, corporate, and securitized investment-grade foreign bonds issued in currencies other than the U.S. dollar.

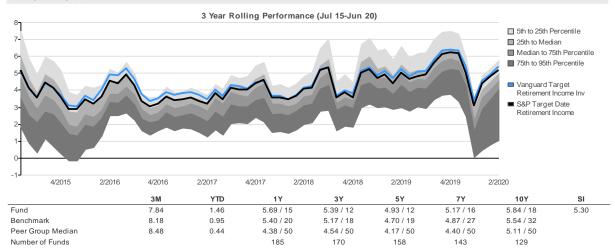
PERFORMANCE

CALENDAR

Benchmark

Peer Group Median

Fund



2016

5.25

5.01

5.05

RISK & PERFORMANCE STATISTICS

3 Yr	Fund	Benchmark	Peer Group Median
Alpha	0.45	0.00	-0.78
Beta	0.92	1.00	1.05
R-Squared	98.72	100.00	96.14
Sharpe Ratio	0.66	0.58	0.44
Up Market Capture	94.67	100.00	95.96
Down Market Capture	86.39	100.00	100.53

2019

13.16

13.33

12.94

2018

-1.99

-2.54

-3.37

2017

8.47

8.54

8.61

•			
5 Yr	Fund	Benchmark	Peer Group Median
Alpha	0.41	0.00	-0.76
Beta	0.94	1.00	1.03
R-Squared	98.60	100.00	95.95
Sharpe Ratio	0.77	0.69	0.54
Up Market Capture	97.17	100.00	98.00
Down Market Capture	89.78	100.00	104.19

NOTES

2015

-0.17

-0.18

-1.26

2014

5.54

4.86

3.98

2013

6.28

5.58

2012

8.23

7.51

8.82

2011

5.25

3.98



Vanguard Target Retirement 2015 Inv VTXVX (Vanguard Target Retirement 2015 Tr)

6/30/2020

Fund Incep Date: 10/27/2003 Benchmark:

S&P Target Date 2015

Category: Target-Date 2015 Net Assets: \$14.918.00M Manager Name : William A. Coleman Manager Start Date : 02/22/2013

Expense Ratio : 0.13%

Expense Rank:

PORTFOLIO COMPOSITION (Holdings-based)

Assets



Sector Breakdown

TOP 10 HOLDINGS

US Equity

Vanguard Total Bond Market II Idx Inv

Vanguard Shrt-Term Infl-Prot Sec Idx Inv

Vanguard Total Stock Mkt Idx Inv

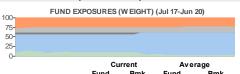
Vanguard Total Intl Bd Idx Investor

Vanguard Total Intl Stock Index Inv

Sensitive	
Communication Services	9.23%
Industrials	10.51%
Technology	17.70%
Energy	3.62%
Cyclical	
Basic Materials	4.57%
Consumer Cyclical	10.84%
Real Estate	3.72%
Financial Services	14.78%
Defensiv e	
Consumer Defensive	8.08%
Healthcare	13.68%
Utilities	3.28%

Total: 98.47%

ASSET LOADINGS (Returns-based)



25-				
0-				
	Cı	ırrent	Ave	rage
	Fund	Bmk	Fund	Bmk
Cash	1.5	11.8	6.7	13.6
US Bonds	58.6	42.5	50.9	40.7
Intl Bonds	0.0	0.0	2.5	0.2
Intl Equity	16.2	14.5	14.8	14.1

31.2

25.2

31.5

23.8

INVESTMENT OVERVIEW

The investment seeks to provide capital appreciation and current income consistent with its current asset allocation. The fund invests in other Vanguard mutual funds according to an asset allocation strategy designed for investors planning to retire and leave the workforce in or within a few years of 2015 (the target year). The fund's asset allocation will become more conservative over time, meaning that the percentage of assets allocated to stocks will decrease while the percentage of assets allocated to bonds and other fixed income investments will increase.

PERFORMANCE

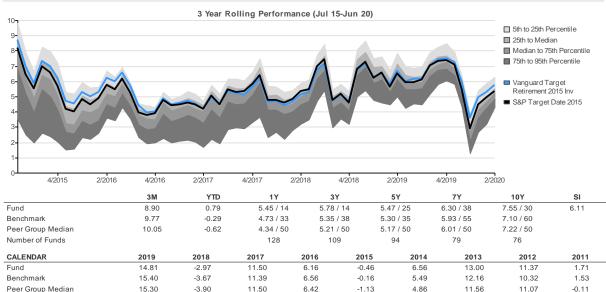
34.45%

20.62%

14.84%

14.28%

14.27%



NOTES

97.85

0.57

99.03

100.10

100.00

100.00

100.00

0.61

RISK & PERFORMANCE STATISTICS

R-Squared

Sharpe Ratio

Up Market Capture

Down Market Capture

Fund	Benchmark	Peer Group Median
0.80	0.00	-0.16
0.88	1.00	1.01
98.82	100.00	98.08
0.61	0.49	0.47
92.96	100.00	99.00
83.54	100.00	99.16
Fund	Benchmark	Peer Grou _l Median
0.53	0.00	-0.24
0.90	1.00	1.02
	0.80 0.88 98.82 0.61 92.96 83.54 Fund	0.80 0.00 0.88 1.00 98.82 100.00 0.61 0.49 92.96 100.00 83.54 100.00 Fund Benchmark 0.53 0.00

98.67

0.69

94.28

Vanguard Target Retirement 2025 Inv VTTVX (Vanguard Target Retirement 2025 Tr)

6/30/2020

Fund Incep Date: 10/27/2003 Benchmark:

S&P Target Date 2025

Category: Target-Date 2025 Net Assets: \$44.523.00M Manager Name: William A. Coleman Manager Start Date : 02/22/2013 Expense Ratio : 0.13%

Expense Rank:

PORTFOLIO COMPOSITION (Holdings-based)

Assets



Sector Breakdown

Sensitive	
Communication Services	9.23%
Industrials	10.49%
Technology	17.74%
Energy	3.61%
Cyclical	
Basic Materials	4.55%
Consumer Cyclical	10.83%
Real Estate	3.72%
Financial Services	14.77%
Defensive	
Consumer Defensive	8.07%
Healthcare	13.70%
Utilities	3.28%
TOP 10 HOLDINGS	
Vanguard Total Stock Mkt Idx Inv	35.13%
Vanguard Total Bond Market II Idx Inv	27.78%
Vanguard Total Intl Stock Index Inv	23.95%

Total: 98.45%

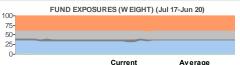
11.44%

0.15%

ASSET LOADINGS (Returns-based)

Vanguard Total Intl Bd Idx Investor

Vanguard Shrt-Term Infl-Prot Sec Idx Inv

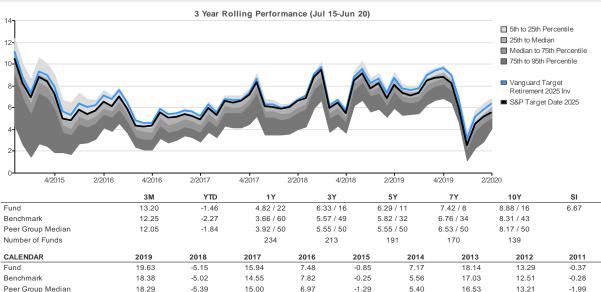


		Current		Average	
		Fund	Bmk	Fund	Bmk
Т	Cash	0.0	5.9	0.1	7.4
1	US Bonds	34.3	31.4	33.2	30.9
1	Intl Bonds	3.3	1.9	4.7	1.1
1	Intl Equity	23.1	20.3	22.4	19.4
1	US Equity	39.3	40.6	39.6	41.2

INVESTMENT OVERVIEW

The investment seeks to provide capital appreciation and current income consistent with its current asset allocation. The fund invests in other Vanguard mutual funds according to an asset allocation strategy designed for investors planning to retire and leave the workforce in or within a few years of 2025 (the target year). The fund's asset allocation will become more conservative over time, meaning that the percentage of assets allocated to stocks will decrease while the percentage of assets allocated to bonds and other fixed income investments will increase.

PERFORMANCE



NOTES

3 Yr	Fund	Benchmark	Peer Group Median
Alpha	0.64	0.00	-0.04
Beta	1.03	1.00	0.98
R-Squared	99.59	100.00	98.27
Sharpe Ratio	0.47	0.41	0.41
Up Market Capture	104.67	100.00	95.45
Down Market Capture	99.57	100.00	96.13
5 Yr	Fund	Benchmark	Peer Grou

5 Yr	Fund	Benchmark	Peer Group Median
Alpha	0.34	0.00	-0.26
Beta	1.03	1.00	0.99
R-Squared	99.49	100.00	98.05
Sharpe Ratio	0.58	0.54	0.51
Up Market Capture	103.90	100.00	96.65
Down Market Capture	100.81	100.00	99.03



Vanguard Target Retirement 2035 Inv VTTHX (Vanguard Target Retirement 2035)

6/30/2020

Fund Incep Date: 10/27/2003 Benchmark:

S&P Target Date 2035

Category: Target-Date 2035 Net Assets: \$38.301.00M Manager Name: William A. Coleman Manager Start Date : 02/22/2013

Expense Ratio : 0.14%

Expense Rank:

PORTFOLIO COMPOSITION (Holdings-based)

Assets



Sector Breakdown

Sector Breakdown	
Sensitive	
Communication Services	9.24%
Industrials	10.48%
Technology	17.78%
Energy	3.60%
Cyclical	
Basic Materials	4.53%
Consumer Cyclical	10.83%
Real Estate	3.72%
Financial Services	14.75%
Defensive	
Consumer Defensive	8.06%
Healthcare	13.71%
Utilities	3.28%
TOP 10 HOLDINGS	
Vanguard Total Stock Mkt Idx Inv	44.54%

Total: 98.46%

29.94%

16.97%

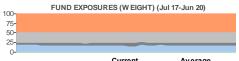
7.02%

ASSET LOADINGS (Returns-based)

Vanguard Total Intl Stock Index Inv

Vanguard Total Intl Bd Idx Investor

Vanguard Total Bond Market II Idx Inv

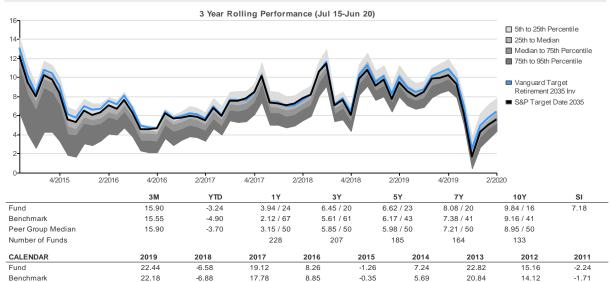


		Current		Ave	rage
		Fund	Bmk	Fund	Bmk
Т	Cash	0.0	0.6	0.0	1.9
1	US Bonds	17.0	14.6	17.0	16.4
1	Intl Bonds	5.7	4.5	5.9	2.3
	Intl Equity	28.1	27.8	28.3	26.0
1	US Equity	49.2	52.6	48.8	53.4

INVESTMENT OVERVIEW

The investment seeks to provide capital appreciation and current income consistent with its current asset allocation. The fund invests in other Vanguard mutual funds according to an asset allocation strategy designed for investors planning to retire and leave the workforce in or within a few years of 2035 (the target year). The fund's asset allocation will become more conservative over time, meaning that the percentage of assets allocated to stocks will decrease while the percentage of assets allocated to bonds and other fixed income investments will increase.

PERFORMANCE



7.84

NOTES

-1.50

5.58

20.97

14.88

-3.33

RISK & PERFORMANCE STATISTICS

Peer Group Median

3 Yr	Fund	Benchmark	Peer Group Median
Alpha	0.89	0.00	0.27
Beta	0.97	1.00	0.98
R-Squared	99.61	100.00	99.01
Sharpe Ratio	0.41	0.35	0.36
Up Market Capture	99.03	100.00	98.92
Down Market Capture	93.69	100.00	97.93
5 Yr	Fund	Benchmark	Peer Grou Median

22.26

-7.28

5 Yr	Fund	Benchmark	Peer Group Median
Alpha	0.48	0.00	-0.12
Beta	0.99	1.00	1.00
R-Squared	99.36	100.00	98.79
Sharpe Ratio	0.51	0.47	0.46
Up Market Capture	100.31	100.00	99.96
Down Market Capture	97.02	100.00	100.89



Vanguard Target Retirement 2045 Inv VTIVX (Vanguard Target Retirement 2045)

6/30/2020

Fund Incep Date: 10/27/2003 Benchmark:

S&P Target Date 2045

Category: Target-Date 2045 Net Assets: \$28.084.00M Manager Name: William A. Coleman

Manager Start Date : 02/22/2013

Expense Ratio : 0.15%

Expense Rank:

PORTFOLIO COMPOSITION (Holdings-based)

Assets



Sector Breakdown

Sensitive Communication Services	9.24%
Industrials	10.48%
Technology	17.78%
Energy	3.60%

Cyclical	
Basic Materials	4.53%
Consumer Cyclical	10.83%
Real Estate	3.72%
Financial Services	14.75%

Defensive	
Consumer Defensive	8.06%
Healthcare	13.71%
Utilities	3.28%

TOP 10 HOLDINGS

Vanguard Total Stock Mkt Idx Inv	53.65%
Vanguard Total Intl Stock Index Inv	36.05%
Vanguard Total Bond Market II ldx Inv	6.25%
Vanguard Total Intl Bd Idx Investor	2.66%

Total: 98.60%

ASSET LOADINGS (Returns-based)

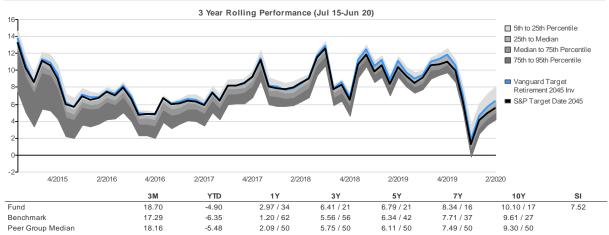


		Current		Ave	rage
		Fund	Bmk	Fund	Bmk
Т	Cash	0.0	0.0	0.0	0.8
1	US Bonds	0.0	0.6	2.0	6.6
1	Intl Bonds	8.7	9.3	8.0	4.2
1	Intl Equity	32.7	31.6	32.6	29.5
1	US Equity	58.6	58.5	57.4	58.9

INVESTMENT OVERVIEW

The investment seeks to provide capital appreciation and current income consistent with its current asset allocation. The fund invests in other Vanguard mutual funds according to an asset allocation strategy designed for investors planning to retire and leave the workforce in or within a few years of 2045 (the target year). The fund's asset allocation will become more conservative over time, meaning that the percentage of assets allocated to stocks will decrease while the percentage of assets allocated to bonds and other fixed income investments will increase.

PERFORMANCE



Number of Funds			228	20)7	185	164	132	
CALENDAR	2019	2018	2017	2016	2015	2014	2013	2012	2011
Fund	24.94	-7.90	21.42	8.87	-1.57	7.16	24.37	15.58	-2.51
Benchmark	24.02	-7.74	19.56	9.54	-0.46	5.67	23.14	15.15	-2.56
Peer Group Median	24.57	-8.29	20.64	8.20	-1.60	5.65	23.11	15.49	-4.06

RISK & PERFORMANCE STATISTICS

3 Yr	Fund	Benchmark	Peer Group Median
Alpha	0.77	0.00	0.15
Beta	1.02	1.00	1.02
R-Squared	99.70	100.00	99.21
Sharpe Ratio	0.37	0.32	0.33
Up Market Capture	103.94	100.00	100.81
Down Market Capture	99.80	100.00	100.47

·			
5 Yr	Fund	Benchmark	Peer Group Median
Alpha	0.33	0.00	-0.25
Beta	1.03	1.00	1.03
R-Squared	99.54	100.00	99.01
Sharpe Ratio	0.47	0.45	0.43
Up Market Capture	103.59	100.00	100.72
Down Market Capture	101.47	100.00	102.27

NOTES

Vanguard Target Retirement 2055 Inv VFFVX (Vanguard Target Retirement 2055)

6/30/2020

Fund Incep Date: 08/18/2010 Benchmark:

S&P Target Date 2055

Category: Target-Date 2055 Net Assets: \$11.727.00M Manager Name: William A. Coleman Manager Start Date : 02/22/2013

Expense Ratio : 0.15%

Expense Rank:

PORTFOLIO COMPOSITION (Holdings-based)

Assets



Sector Breakdown

000101 2.0011001111	
Sensitive	
Communication Services	9.24%
Industrials	10.48%
Technology	17.79%
Energy	3.60%
Cyclical	
Basic Materials	4.53%
Consumer Cyclical	10.83%
Real Estate	3.72%
Financial Services	14.75%
Defensive	
Consumer Defensive	8.06%
Healthcare	13.72%
Utilities	3.28%
TOP 10 HOLDINGS	
Vanguard Total Stock Mkt Idx Inv	53.40%
Vanguard Total Intl Stock Index Inv	35.81%

Total: 98.30%

6 27%

2.82%

ASSET LOADINGS (Returns-based)

Vanguard Total Bond Market II Idx Inv

Vanguard Total Intl Bd Idx Investor

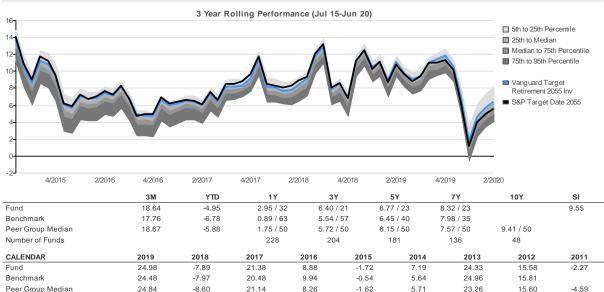


		Current		Average	
		Fund	Bmk	Fund	Bmk
Т	Cash	0.0	0.0	0.0	0.8
1	US Bonds	0.0	0.0	2.0	4.3
1	Intl Bonds	8.8	7.0	8.1	3.7
1	Intl Equity	32.7	33.4	32.4	30.8
1	US Equity	58.6	59.6	57.4	60.5

INVESTMENT OVERVIEW

The investment seeks to provide capital appreciation and current income consistent with its current asset allocation. The fund invests in other Vanguard mutual funds according to an asset allocation strategy designed for investors planning to retire and leave the workforce in or within a few years of 2055 (the target year). The fund's asset allocation will become more conservative over time, meaning that the percentage of assets allocated to stocks will decrease while the percentage of assets allocated to bonds and other fixed income investments will increase.

PERFORMANCE



NOTES

3 Yr	Fund	Benchmark	Peer Group Median
Alpha	0.85	0.00	0.15
Beta	0.99	1.00	1.01
R-Squared	99.68	100.00	99.20
Sharpe Ratio	0.37	0.31	0.32
Up Market Capture	100.85	100.00	100.28
Down Market Capture	96.52	100.00	99.76
			Peer Grou

5 Yr	Fund	Benchmark	Peer Group Median
Alpha	0.35	0.00	-0.30
Beta	0.99	1.00	1.01
R-Squared	99.52	100.00	98.92
Sharpe Ratio	0.47	0.45	0.42
Up Market Capture	99.40	100.00	99.08
Down Market Capture	97.29	100.00	101.39



Vanguard Wellington Admiral VWENX

6/30/2020

Fund Incep Date: B 05/14/2001 S

Benchmark: S&P 500 Index Category: Allocation--50% to 70% Equity Net Assets: \$103,569.00M Manager Name: Loren L. Moran Manager Start Date: 01/27/2017 Expense Ratio: 0.17%

Expense Rank:

PORTFOLIO COMPOSITION (Holdings-based)

Assets



Sector Breakdown

Sensitive	
Communication Services	10.37%
Industrials	8.67%
Technology	19.07%
Energy	3.27%

Cyclical	
Basic Materials	0.00%
Consumer Cyclical	7.65%
Real Estate	2.07%
Financial Services	16.88%

Defensive	
Consumer Defensive	9.09%
Healthcare	17.87%
Utilities	5.07%

TOP 10 HOLDINGS	
Microsoft Corp	4.29%
Alphabet Inc A	3.18%
Apple Inc	2.50%
JPMorgan Chase & Co	2.03%
Bank of America Corp	1.83%
Pfizer Inc	1.54%
United States Treasury Bills 0.01%	1.51%
Nestle SA	1.45%

ASSET LOADINGS (Returns-based)

McDonald's Corp

Total:

Verizon Communications Inc

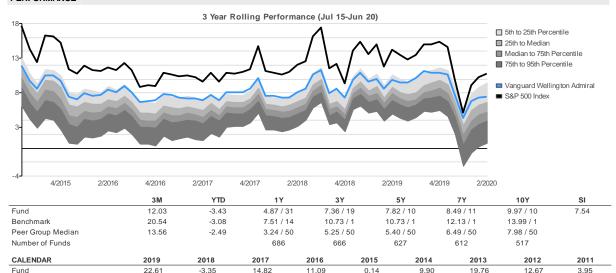


		Current		Average	
		Fund	Bmk	Fund	Bmk
Т	Cash	13.6	5.2	17.2	2.3
1	US Bonds	22.2	0.0	19.5	0.0
1	Intl Bonds	2.3	0.0	0.3	0.4
1	Intl Equity	11.2	0.0	15.3	3.0
1	US Equity	50.8	94.8	47.7	94.3

INVESTMENT OVERVIEW

The investment seeks to provide long-term capital appreciation and moderate current income. The fund invests 60% to 70% of its assets in dividend-paying and, to a lesser extent, non-dividend-paying common stocks of established large companies. The remaining 30% to 40% of the fund's assets are invested mainly in fixed income securities that the advisor believes will generate a moderate level of current income. These securities include investment-grade corporate bonds, with some exposure to U.S. Treasury and government agency bonds, and mortgage-backed securities.

PERFORMANCE



11.96

6.84

NOTES

1.38

-1.35

13.69

6.21

32.39

17.22

16.00

12.21

2.11

0.04

RISK & PERFORMANCE STATISTICS

Benchmark

R-Squared

Sharpe Ratio

Up Market Capture

Down Market Capture

1.44%

1.39%

21.15%

Peer Group Median

3 Yr	Fund	Benchmark	Peer Group Median
Alpha	-0.23	0.00	-2.34
Beta	0.62	1.00	0.65
R-Squared	95.73	100.00	94.79
Sharpe Ratio	0.55	0.58	0.36
Up Market Capture	59.48	100.00	56.33
Down Market Capture	60.89	100.00	65.14
5 Yr	Fund	Benchmark	Peer Group Median
Alpha	0.40	0.00	-1.91
Beta	0.63	1.00	0.65

95.71

0.72

63.47

62.34

31.49

19.38

-4.38

-5.77

100.00

100.00

100.00

0.69

21.83

14.00

93.72

0.47

58.73

68.07

▲

American Beacon Bridgeway Lg Cp Val Y BWLYX (American Beacon Bridgeway Lg Cap Value) 6/30/2020

Fund Incep Date: 02/03/2012

Benchmark :

Russell 1000 Value Index

Category : Large Value

1.56%

1.50%

1.40%

1.39%

17.63%

Net Assets : \$1.942.00M Manager Name : John N.R. Montgomery Manager Start Date 10/31/2003 Expense Ratio : 0.80%

Expense Rank: 31

PORTFOLIO COMPOSITION (Holdings-based)



Sector Breakdown

Hormel Foods Corp

Waste Management Inc

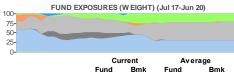
Bank of America Corp

Norfolk Southern Corp

Total:

Sector Breakdown	
Sensitive	
Communication Services	6.95%
Industrials	9.95%
Technology	10.90%
Energy	4.81%
Cyclical	
Basic Materials	2.32%
Consumer Cyclical	7.30%
Real Estate	3.66%
Financial Services	23.94%
Defensive	
Consumer Defensive	12.87%
Healthcare	13.40%
Utilities	3.91%
TOP 10 HOLDINGS	
E-mini S&P 500 Futures June 20	2.67%
Procter & Gamble Co	1.93%
Amgen Inc	1.88%
Pfizer Inc	1.88%
Biogen Inc	1.83%
Micron Technology Inc	1.60%

ASSET LOADINGS (Returns-based)

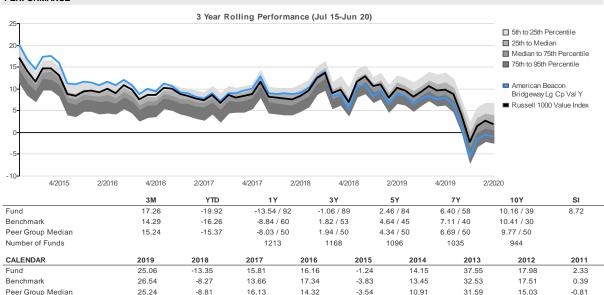


		Current		Ave	rage
		Fund	Bmk	Fund	Bmk
T	Cash	0.0	0.1	0.1	0.0
1	Top Value	29.5	66.9	37.1	67.5
-1	Top Growth	0.5	0.0	5.3	0.1
	Mid Value	48.3	33.0	38.7	32.4
1	Mid Growth	0.2	0.0	2.3	0.0
1	Sm Value	21.6	0.0	15.8	0.0
1	Sm Growth	0.0	0.0	0.7	0.0

INVESTMENT OVERVIEW

The investment seeks to provide long-term total return on capital, primarily through capital appreciation and some income. The fund invests in a diversified portfolio of stocks of large capitalization companies that are listed on the New York Stock Exchange, NYSE American, or NASDAQ. Under normal market conditions, at least 80% of Fund net assets (plus borrowings for investment purposes) are invested in stocks from among those in the large-cap value category at the time of purchase.

PERFORMANCE



NOTES

RISK & PERFORMANCE STATISTICS

Down Market Capture

3 Yr	Fund	Benchmark	Peer Group Median
Alpha	-2.52	0.00	0.14
Beta	1.15	1.00	0.99
R-Squared	98.05	100.00	97.48
Sharpe Ratio	-0.03	0.09	0.10
Up Market Capture	104.12	100.00	100.08
Down Market Capture	115.22	100.00	99.46
5 Yr	Fund	Benchmark	Peer Group Median
Alpha	-2.27	0.00	-0.18
Beta	1.11	1.00	0.99
R-Squared	97.19	100.00	96.33
Sharpe Ratio	0.16	0.29	0.27
Up Market Capture	98.20	100.00	98.15

100.00

99.40



Vanguard Institutional Index Instl PI VIIIX

1.35%

1.26%

1.15%

26.82%

6/30/2020

 Fund Incep Date:
 Benchmark:
 Category:
 Net Assets:
 Manager Name:
 Manager Start Date:
 Expense Ratio:
 Expense Ratio:
 Donald M. Butter

 07/07/1997
 S&P 500 Index
 Large Blend
 \$224,867.00M
 Donald M. Butter
 12/31/2000
 0.02%
 1

PORTFOLIO COMPOSITION (Holdings-based)





Sector Breakdown

Sensitive	
Communication Services	10.80%
Industrials	8.40%
Technology	24.01%
Energy	2.81%
Cyclical	
Basic Materials	2.20%
Consumer Cyclical	10.60%
Real Estate	2.85%
Financial Services	13.14%
Defensive	
Consumer Defensive	7.36%
Healthcare	14.77%
Utilities	3.07%
TOP 10 HOLDINGS	
Microsoft Corp	5.99%
Apple Inc	5.77%
Amazon.com Inc	4.49%
Facebook Inc A	2.12%
Alphabet Inc A	1.65%
Alphabet Inc Class C	1.61%
Johnson & Johnson	1.44%

ASSET LOADINGS (Returns-based)

Berkshire Hathaway Inc Class B

Visa Inc Class A

Total:

Procter & Gamble Co

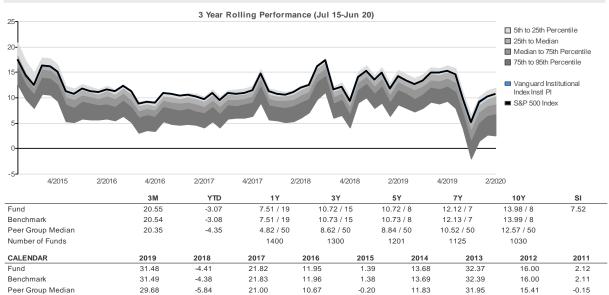


		Cu	rrent	Ave	rage
		Fund	Bmk	Fund	Bmk
T	Cash	0.2	0.2	0.1	0.1
1	Top Value	39.1	39.1	40.0	40.0
- 1	Top Growth	46.9	46.8	44.2	44.1
	Mid Value	10.2	10.2	10.9	10.9
-1	Mid Growth	3.4	3.4	4.9	4.9
1	Sm Value	0.3	0.3	0.0	0.0
1	Sm Growth	0.0	0.0	0.0	0.0

INVESTMENT OVERVIEW

The investment seeks to track the performance of a benchmark index that measures the investment return of large-capitalization stocks. The fund employs an indexing investment approach designed to track the performance of the S&P 500 Index, a widely recognized benchmark of U.S. stock market performance that is dominated by the stocks of large U.S. companies. The advisor attempts to replicate the target index by investing all, or substantially all, of its assets in the stocks that make up the index, holding each stock in approximately the same proportion as its weighting in the index.

PERFORMANCE



NOTES

3 Yr	Fund	Benchmark	Peer Group Median
Alpha	-0.01	0.00	-1.77
Beta	1.00	1.00	1.00
R-Squared	100.00	100.00	97.68
Sharpe Ratio	0.58	0.58	0.47
Up Market Capture	99.98	100.00	95.50
Down Market Capture	100.01	100.00	101.65

5 Yr	Fund	Benchmark	Peer Group Median
Alpha	-0.01	0.00	-1.57
Beta	1.00	1.00	1.00
R-Squared	100.00	100.00	96.97
Sharpe Ratio	0.69	0.69	0.57
Up Market Capture	99.98	100.00	95.16
Down Market Capture	100.01	100.00	103.08



Calvert US Large Cap Core Rspnb Idx R6 CSXRX

1.15%

1.14%

1.07%

1.04%

1.04%

25.53%

6/30/2020

Fund Incep Date: Benchmark: Category: Net Assets: Manager Name: Manager Start Date: Expense Ratio: Expense Ratio: Expense Ratio: 6

10/03/2017 S&P 500 Index Large Blend \$2,550.00M Thomas C. Seto 12/31/2016 0.19% 6

PORTFOLIO COMPOSITION (Holdings-based)



Sector Breakdown	
Sensitive	
Communication Services	9.49%
Industrials	9.20%
Technology	27.01%
Energy	0.11%
Cyclical	
Basic Materials	2.18%
Consumer Cyclical	11.76%
Real Estate	0.33%
Financial Services	14.14%
Defensive	
Consumer Defensive	7.32%
Healthcare	15.81%
Utilities	2.65%
TOP 10 HOLDINGS	
Apple Inc	5.78%
Microsoft Corp	5.56%
Amazon.com Inc	4.31%
Alphabet Inc A	3.12%
Visa Inc Class A	1.31%

ASSET LOADINGS (Returns-based)

JPMorgan Chase & Co

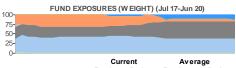
Procter & Gamble Co

The Home Depot Inc

Mastercard Inc A

Intel Corp

Total:

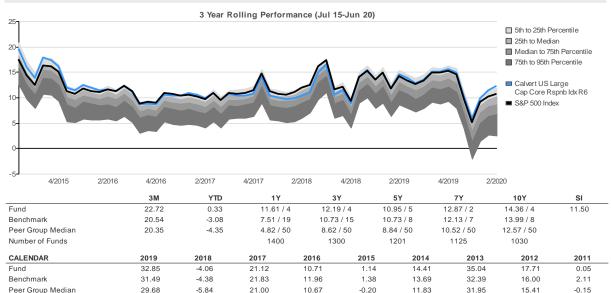


		Current		Average	
		Fund	Bmk	Fund	Bmk
	Cash	1.1	0.2	0.5	0.1
1	Top Value	36.3	39.1	39.9	40.0
-	Top Growth	44.3	46.8	33.7	44.1
	Mid Value	0.0	10.2	0.2	10.9
1	Mid Growth	5.5	3.4	20.5	4.9
1	Sm Value	0.0	0.3	0.0	0.0
1	Sm Growth	12.8	0.0	5.2	0.0

INVESTMENT OVERVIEW

The investment seeks to track the performance of the Calvert US Large-Cap Core Responsible Index, which measures the investment return of large-capitalization stocks. The fund normally invests at least 95% of its net assets, including borrowings for investment purposes, in securities contained in the index is composed of the common stocks of large companies that operate their businesses in a manner consistent with the Calvert Principles for Responsible Investment.

PERFORMANCE



NOTES

3 Yr	Fund	Benchmark	Peer Group Median
Alpha	1.28	0.00	-1.77
Beta	1.01	1.00	1.00
R-Squared	99.22	100.00	97.68
Sharpe Ratio	0.66	0.58	0.47
Up Market Capture	103.88	100.00	95.50
Down Market Capture	98.05	100.00	101.65
5 Yr	Fund	Benchmark	Peer Group Median
5 Yr Alpha	Fund 0.10	Benchmark 0.00	
* **			Median
Alpha	0.10	0.00	Median -1.57
Alpha Beta	0.10	0.00	Median -1.57 1.00
Alpha Beta R-Squared	0.10 1.01 99.00	0.00 1.00 100.00	Median -1.57 1.00 96.97



6/30/202

Fidelity Contrafund FCNTX (Fidelity Contrafund)

2.75%

46.99%

Fund Incep Date: 05/17/1967 Benchmark:

Russell 1000 Growth Index

Category: Large Growth Net Assets: \$121,367,00M Manager Name William Danoff Manager Start Date : 09/17/1990 Expense Ratio : 0.85%

Expense Rank:

PORTFOLIO COMPOSITION (Holdings-based)

Assets



Sector Breakdown

Sensitive	
Communication Services	19.07%
Industrials	2.03%
Technology	27.26%
Energy	0.41%
- 37	

Cyclical	
Basic Materials	2.39%
Consumer Cyclical	12.84%
Real Estate	0.90%
Financial Services	15.92%

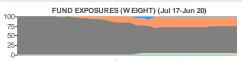
Defensive	
Consumer Defensive	3.27%
Healthcare	15.88%
Utilities	0.04%

TOP 10 HOLDINGS	
Amazon.com Inc	8.57%
Facebook Inc A	8.23%
Microsoft Corp	6.12%
Berkshire Hathaway Inc Class A	4.61%
Salesforce.com Inc	3.73%
Visa Inc Class A	3.68%
Adobe Inc	3.29%
UnitedHealth Group Inc	3.20%
Netflix Inc	2.82%

ASSET LOADINGS (Returns-based)

Alphabet Inc A

Total:

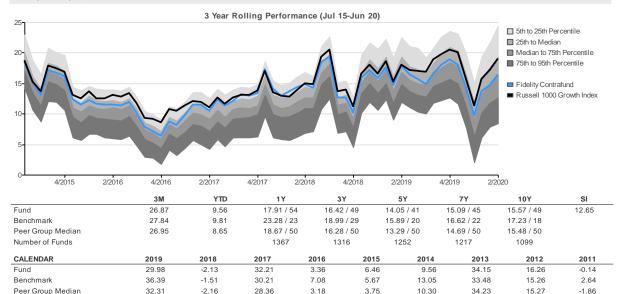


		Current		Average	
		Fund	Bmk	Fund	Bmk
T	Cash	3.5	0.1	1.7	0.1
1	Top Value	0.0	0.0	0.0	0.0
-	Top Growth	70.1	79.1	83.0	77.3
	Mid Value	0.0	0.0	0.0	0.0
-1	Mid Growth	22.9	20.1	13.8	22.2
1	Sm Value	0.0	0.0	0.0	0.0
1	Sm Growth	3.5	0.7	1.6	0.3

INVESTMENT OVERVIEW

The investment seeks capital appreciation. The fund normally invests primarily in common stocks. It invests in securities of companies whose value the advisor believes is not fully recognized by the public. The fund invests in domestic and foreign issuers. It invests in either "growth" stocks or "value" stocks or both. The fund uses fundamental analysis of factors such as each issuer's financial condition and industry position, as well as market and economic conditions to select investments.

PERFORMANCE



NOTES

RISK & PERFORMANCE STATISTICS

Up Market Capture

Down Market Capture

3 Yr	Fund	Benchmark	Peer Group Median
Alpha	-2.17	0.00	-2.09
Beta	1.00	1.00	0.99
R-Squared	97.68	100.00	95.76
Sharpe Ratio	0.85	0.98	0.84
Up Market Capture	92.75	100.00	92.74
Down Market Capture	100.57	100.00	101.51
5 Yr	Fund	Benchmark	Peer Group Median
Alpha	-1.33	0.00	-2.27
Beta	0.98	1.00	1.00
R-Squared	96.94	100.00	94.40
Sharpe Ratio	0.86	0.96	0.79

100.00

100.00

93.75

106.28

93.25



T. Rowe Price Instl Mid-Cap Equity Gr PMEGX

6/30/2020

Fund Incep Date: 07/31/1996

Benchmark:

Russell Mid-Cap Growth Index

Category: Mid-Cap Growth Net Assets: \$6,977.00M Manager Name: Brian W.H. Berghuis Manager Start Date: 07/31/1996

Expense Ratio: 0.61%

Expense Rank:

PORTFOLIO COMPOSITION (Holdings-based)

Assets



Sector Breakdown

Sensitive Communication Services	2.33%
Industrials	17.02%
Technology	22.80%
Energy	1.40%

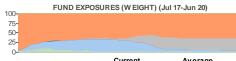
Cyclical	
Basic Materials	2.97%
Consumer Cyclical	14.23%
Real Estate	0.97%
Financial Services	7.76%

Defensive	
Consumer Defensive	5.28%
Healthcare	23.40%
Utilities	1.84%

TOP 10 HOLDINGS	
Teleflex Inc	2.74%
Ball Corp	2.46%
The Cooper Companies Inc	2.21%
Dollar General Corp	1.93%
Hologic Inc	1.89%
Agilent Technologies Inc	1.86%
Willis Towers Watson PLC	1.70%
IAC/InterActiveCorp	1.67%
Catalent Inc	1.66%
Global Payments Inc	1.54%

ASSET LOADINGS (Returns-based)

Total:

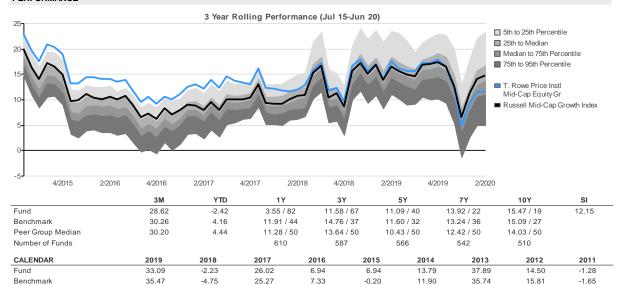


		Current		Average	
		Fund	Bmk	Fund	Bmk
Т	Cash	0.0	0.0	1.9	0.0
1	Top Value	3.3	0.0	16.0	0.0
1	Top Growth	0.0	0.0	0.1	0.0
	Mid Value	31.2	0.0	14.4	0.0
1	Mid Growth	65.5	100.0	67.6	100.0
1	Sm Value	0.0	0.0	0.0	0.0
1	Sm Growth	0.0	0.0	0.0	0.0

INVESTMENT OVERVIEW

The investment seeks to provide long-term capital appreciation. The fund will normally invest at least 80% of its net assets (including any borrowings for investment purposes) in a diversified portfolio of common stocks of mid-cap companies whose earnings T. Rowe Price expects to grow at a faster rate than the average company. The advisor defines mid-cap companies as those whose market capitalization (number of shares outstanding multiplied by share price) falls within the range of either the S&P MidCap 400® Index or the Russell Midcap® Growth Index.

PERFORMANCE



5.37

NOTES

-0.52

7.39

35.43

14.40

-4.07

RISK & PERFORMANCE STATISTICS

Peer Group Median

19.66%

3 Yr	Fund	Benchmark	Peer Group Median
Alpha	-2.61	0.00	-0.90
Beta	0.99	1.00	1.00
R-Squared	96.75	100.00	95.86
Sharpe Ratio	0.56	0.70	0.64
Up Market Capture	88.50	100.00	95.93
Down Market Capture	97.85	100.00	99.10
5 Yr	Fund	Benchmark	Peer Group Median
Alpha	-0.29	0.00	-0.79
Beta	0.99	1.00	1.00
R-Squared	96.64	100.00	94.62
Sharpe Ratio	0.63	0.65	0.59
Up Market Capture	96.45	100.00	95.97
	90.45	100.00	30.37

33.65

-5.57



iShares Russell Mid-Cap Index K BRMKX (Blackrock Mid-Cap Index Fund)

Fund Incep Date: 05/13/2015

Benchmark

Russell Mid-Cap Index

0.00%

0.52%

0.50%

6.42%

Category Mid-Cap Blend Net Assets: \$1.153.00M

Manager Name: Alan Mason

Manager Start Date : 05/13/2015

Expense Ratio: 0.07%

Expense Rank:

PORTFOLIO COMPOSITION (Holdings-based)



Non-US Bonds

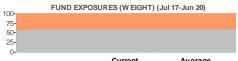
Sector Breakdown	
Sensitive	
Communication Services	4.60%
Industrials	13.67%
Technology	19.83%
Energy	2.63%
Cyclical	
Basic Materials	3.82%
Consumer Cyclical	11.20%
Real Estate	9.01%
Financial Services	10.57%
Defensive	
Consumer Defensive	5.61%
Healthcare	12.42%
Utilities	6.65%
TOP 10 HOLDINGS	
Fiserv Inc	0.84%
Advanced Micro Devices Inc	0.77%
Global Payments Inc	0.75%
Dollar General Corp	0.68%
Newmont Corp	0.67%
L3Harris Technologies Inc	0.61%
Lam Research Corp	0.55%
Centene Corp	0.53%

ASSET LOADINGS (Returns-based)

Digital Realty Trust Inc

Sempra Energy

Total:

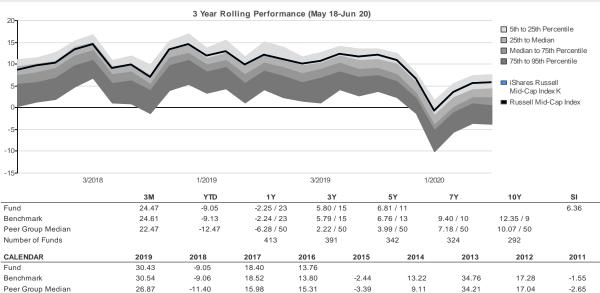


0		Current		Average	
		Fund	Bmk	Fund	Bmk
Т	Cash	0.0	0.0	0.1	0.0
1	Top Value	0.0	0.0	0.2	0.0
1	Top Growth	0.7	0.0	0.2	0.3
1	Mid Value	57.2	58.6	57.8	58.1
1	Mid Growth	41.2	40.3	41.3	41.0
1	Sm Value	0.9	0.0	0.4	0.2
1	Sm Growth	0.0	1.2	0.1	0.3

INVESTMENT OVERVIEW

The investment seeks to track the investment results of the Russell Midcap® Index (the "underlying index"), which measures the performance of the mid-capitalization sector of the U.S. equity market. The fund generally invests at least 90% of its assets, plus the amount of any borrowing for investment purposes, in securities of the underlying index. The underlying index is a float-adjusted, capitalization-weighted index of equity securities issued by approximately 800 of the smallest issuers in the Russell 1000® Index.

PERFORMANCE



NOTES

3 Yr	Fund	Benchmark	Peer Group Median
Alpha	0.01	0.00	-3.44
Beta	1.00	1.00	1.01
R-Squared	99.99	100.00	97.25
Sharpe Ratio	0.29	0.29	0.13
Up Market Capture	99.84	100.00	94.25
Down Market Capture	99.82	100.00	104.50
5 Yr	Fund	Benchmark	Peer Group Median
5 Yr Alpha	Fund 0.06	Benchmark 0.00	
			Median
Alpha	0.06	0.00	Median -2.53
Alpha Beta	0.06 1.00	0.00	Median -2.53 1.01
Alpha Beta R-Squared	0.06 1.00 99.98	0.00 1.00 100.00	Median -2.53 1.01 95.74



DFA US Micro Cap I DFSCX

6/30/2020

18.24

16.35

15.66

-3.25

-4.18

-3.15

Fund Incep Date: Benchmark: 12/23/1981 Russell 2000 Index Small Blend

Category:

0.00%

0.00%

Net Assets: \$5,157.00M Manager Name: Jed S. Fogdall

Manager Start Date: 02/28/2012

Expense Ratio: 0.51% Expense Rank:

PORTFOLIO COMPOSITION (Holdings-based)

Other

Assets Cash 1.41% US Stocks 96.73% US Bonds 0.00% Non-US Stocks 1.85% Preferred Stocks 0.01% Convertible Bonds 0.00%

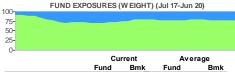
Non-US Bonds

Soctor Proakdown

Sector Breakdown	
Sensitive	
Communication Services	2.89%
Industrials	19.69%
Technology	14.14%
Energy	3.78%
Cyclical	
Basic Materials	5.45%
Consumer Cyclical	12.78%
Real Estate	0.76%
Financial Services	21.49%
Defensiv e	
Consumer Defensive	4.88%
Healthcare	11.96%
Utilities	2.17%
TOP 10 HOLDINGS	
E-mini S&P 500 Futures June 20	1.62%
Saia Inc	0.46%
Shenandoah Telecommunications Co	0.46%
Casella Waste Systems Inc Class A	0.44%
Fabrinet	0.43%
Kinsale Capital Group Inc	0.39%
AAON Inc	0.38%
Ensign Group Inc	0.38%
Winnebago Industries Inc	0.37%
Badger Meter Inc	0.36%

ASSET LOADINGS (Returns-based)

Total:



		Current		Average	
		Fund	Bmk	Fund	Bmk
Т	Cash	0.0	0.0	0.0	0.0
1	Top Value	0.0	0.0	0.0	0.0
1	Top Growth	0.0	0.0	0.0	0.0
	Mid Value	0.0	0.0	0.0	0.1
1	Mid Growth	0.0	0.0	0.0	0.0
1	Sm Value	77.5	47.5	77.3	48.6
1	Sm Growth	22.5	52.5	22.7	51.4

INVESTMENT OVERVIEW

The investment seeks long-term capital appreciation. The fund, using a market capitalization weighted approach, purchases a broad and diverse group of the securities of U.S. micro cap companies. It may purchase or sell futures contracts and options on futures contracts for U.S. equity securities and indices, to adjust market exposure based on actual or expected cash inflows to or outflows from the fund.

PERFORMANCE 3 Year Rolling Performance (Jul 15-Jun 20) ■ 5th to 25th Percentile 25th to Median Median to 75th Percentile ■ 75th to 95th Percentile DFA US Micro Cap I ■ Russell 2000 Index -15 4/2015 2/2016 4/2016 2/2017 4/2017 2/2018 4/2018 2/2019 4/2019 2/2020 3M YTD 3Y 5Y 7Y 10Y SI 1 Y Fund 9.74 / 43 21.64 -20.63 -14.92 / 79 -2.51 / 76 1.81 / 67 5.44 / 60 10.79 Benchmark 25.42 -12.98-6.63 / 19 2.01 / 19 4.29 / 21 7.17 / 22 10.50 / 21 Peer Group Median 23.44 -17.00 -11.30 / 50 -0.41 / 50 2.66 / 50 6.00 / 50 9.44 / 50 Number of Funds 680 660 605 556 498 CALENDAR 2019 2018 2017 2016 2015 2014 2013 2012 2011

25.63

21.31

20.71

NOTES

-3.62

-4.41

-4.36

4.89

4.99

38.82

37.74

RISK & PERFORMANCE STATISTICS

Fund

5.29%

Benchmark

R-Squared Sharpe Ratio Up Market Capture Down Market Capture

Peer Group Median

3 Yr	Fund	Benchmark	Peer Group Median
Alpha	-4.37	0.00	-2.32
Beta	1.03	1.00	1.00
R-Squared	98.16	100.00	97.50
Sharpe Ratio	-0.06	0.13	0.03
Up Market Capture	97.86	100.00	94.36
Down Market Capture	112.06	100.00	101.79
5 Yr	Fund	Benchmark	Peer Group Median
Alpha	-2.34	0.00	-1.44
Beta	1.01	1.00	0.99

20.66

25.52

24.35

-11.60

-11.01

-12.26

11.18

14.65

1.01	1.00	0.99
97.09	100.00	96.24
0.14	0.25	0.18
95.96	100.00	92.32
105.28	100.00	99.22

iShares Russell 2000 Small-Cap Idx K BDBKX (Blackrock Russell 2000 Index Fund)

Fund Incep Date: 03/31/2011

Benchmark: Russell 2000 Index Category Small Blend

0.00%

0.00%

4.37%

Net Assets: \$2.078.00M

Manager Name: Alan Mason

Manager Start Date : 02/04/2014

Expense Ratio : 0.07% Expense Rank:

PORTFOLIO COMPOSITION (Holdings-based)

Other



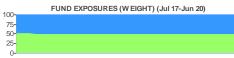
Non-US Bonds

Sector Breakdown

Sensitive	
Communication Services	2.44%
Industrials	16.08%
Technology	15.21%
Energy	1.82%
Cyclical	
Basic Materials	3.37%
Consumer Cyclical	9.03%
Real Estate	7.50%
Financial Services	14.05%
Defensive	
Consumer Defensive	4.43%
Healthcare	22.30%
Utilities	3.78%
TOP 10 HOLDINGS	
Teladoc Health Inc	0.71%
iShares Russell 2000 ETF	0.65%
Chegg Inc	0.41%
Trex Co Inc	0.40%
Immunomedics Inc	0.39%
Repligen Corp	0.39%
Generac Holdings Inc	0.38%
Quidel Corp	0.35%
Five9 Inc	0.35%
Amedisvs Inc	0.34%

ASSET LOADINGS (Returns-based)

Total:

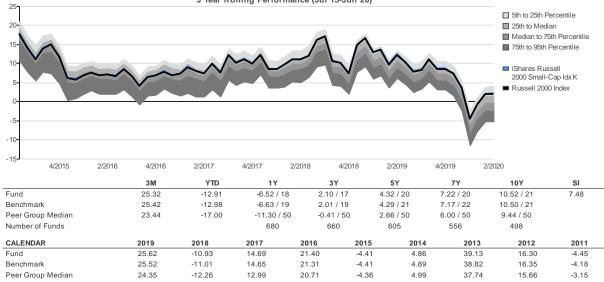


		Current		Ave	rage
		Fund	Bmk	Fund	Bmk
T	Cash	0.0	0.0	0.0	0.0
	Top Value	0.0	0.0	0.2	0.0
-	Top Growth	0.4	0.0	0.2	0.0
	Mid Value	0.0	0.0	0.0	0.1
-1	Mid Growth	0.0	0.0	0.0	0.0
1	Sm Value	47.3	47.5	48.0	48.6
1	Sm Growth	52.3	52.5	51.6	51.4

INVESTMENT OVERVIEW

The investment seeks to match the performance of the Russell 2000® Index as closely as possible before the deduction of fund expenses. The fund is a "feeder" fund that invests all of its assets in the Series, a series of the Master LLC, which has the same investment objective and strategies as the fund. It will be substantially invested in securities in the Russell 2000, and will invest, under normal circumstances, at least 80% of its assets in securities or other financial instruments that are components of or have economic characteristics similar to the securities included in the Russell 2000.

PERFORMANCE 3 Year Rolling Performance (Jul 15-Jun 20) ■ 5th to 25th Percentile 25th to Median



NOTES

RISK & PERFORMANCE STATISTICS

Sharpe Ratio

Up Market Capture

Down Market Capture

3 Yr	Fund	Benchmark	Peer Group Median
Alpha	0.08	0.00	-2.32
Beta	1.00	1.00	1.00
R-Squared	100.00	100.00	97.50
Sharpe Ratio	0.13	0.13	0.03
Up Market Capture	100.08	100.00	94.36
Down Market Capture	99.79	100.00	101.79
5 Yr	Fund	Benchmark	Peer Group Median
Alpha	0.04	0.00	-1.44
Beta	1.00	1.00	0.99
R-Squared	100.00	100.00	96.24

0.25

100.00

100.00

0.18

92.32

99.22

0.25

99.89



iShares MSCI EAFE Intl Idx K BTMKX (Blackrock EAFE Equity Index Fund)

6/30/2020

Fund Incep Date: Benchmark Category Net Assets: Manager Name : Manager Start Date : Expense Ratio: Expense Rank: 03/31/2011 MSCI EAFE Foreign Large Blend \$5.602.00M Alan Mason 02/04/2014 0.03%

PORTFOLIO COMPOSITION (Holdings-based)

Assets



Sector Breakdown

Concitive

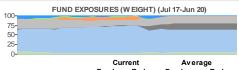
Sensitive	
Communication Services	6.53%
Industrials	14.15%
Technology	7.90%
Energy	4.14%
Cyclical	
Basic Materials	6.65%
Consumer Cyclical	9.56%
Real Estate	3.28%
Financial Services	16.34%
Defensive	
Consumer Defensive	12.67%
Healthcare	14.70%
Utilities	4.08%
TOP 10 HOLDINGS	
Nestle SA	2.55%
Euro Stoxx 50 Jun20 Xeur 20200619	1.97%
Roche Holding AG Dividend Right Cert.	1.90%
Novartis AG	1.49%
Nikkei 225 (Sgx) Jun20 Xsim 20200611	1.44%
FTSE 100 Index Future June20	1.18%
Toyota Motor Corp	1.15%
AstraZeneca PLC	0.98%

ASSET LOADINGS (Returns-based)

HSBC Holdings PLC

ASML Holding NV

Total:

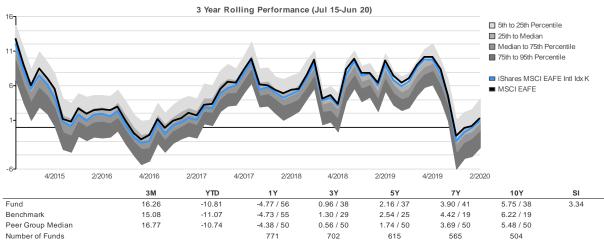


		Current		Average	
		Fund	Bmk	Fund	Bmk
Т	Cash	5.2	3.4	4.2	3.4
1	Europe Lg	57.8	62.1	61.8	61.2
-	Europe Sm	17.1	3.4	6.6	3.7
	AsiaPac Lg	17.2	28.0	19.3	27.9
1	AsiaPac Sm	0.0	1.5	2.7	2.5
1	Emg Europe	1.0	1.6	1.2	1.4
1	Emg Asia	1.6	0.0	4.1	0.0

INVESTMENT OVERVIEW

The investment seeks to match the performance of the MSCI EAFE Index (Europe, Australasia, Far East) in U.S. dollars with net dividends as closely as possible before the deduction of fund expenses. The fund will be substantially invested in securities in the MSCI EAFE Index, and will invest at least 80% of its assets in securities or other financial instruments that are components of or have economic characteristics similar to the securities included in the MSCI EAFE Index.

PERFORMANCE



CALENDAR	2019	2018	2017	2016	2015	2014	2013	2012	2011
Fund	21.94	-13.33	25.17	1.03	-0.81	-6.12	21.57	18.65	-12.56
Benchmark	22.66	-13.36	25.62	1.51	-0.39	-4.48	23.29	17.90	-11.73
Peer Group Median	21.80	-15.02	25.30	0.84	-1.11	-5.45	20.13	17.92	-13.52
RISK & PERFORMANCE STATISTICS			NOT	ES					

RISK & PERFORMANCE STATISTICS

0.96%

0.94%

14.56%

3 Yr	Fund	Benchmark	Peer Grou Median
Alpha	-0.27	0.00	-0.63
Beta	1.02	1.00	1.04
R-Squared	98.62	100.00	95.76
Sharpe Ratio	0.03	0.05	0.00
Up Market Capture	99.75	100.00	99.49
Down Market Capture	101.29	100.00	103.49

5 Yr	Fund	Benchmark	Peer Group Median
Alpha	-0.35	0.00	-0.70
Beta	0.98	1.00	0.99
R-Squared	98.06	100.00	93.79
Sharpe Ratio	0.14	0.16	0.11
Up Market Capture	96.62	100.00	95.30
Down Market Capture	98.69	100.00	98.95



American Funds Europacific Growth R6 RERGX

0.01%

1.57%

1.54%

1.52%

1.52%

18.82%

3.2

0.0

17.9

39.0

6/30/2020

Fund Incep Date: 05/01/2009

Benchmark:

MSCI ACWI ex USA GDP NR USD

Category: Foreign Large Growth Net Assets: \$153,331.00M Manager Name: Carl M. Kawaja

Manager Start Date: 06/01/2001

Expense Ratio: 0.46% Expense Rank:

PORTFOLIO COMPOSITION (Holdings-based)

Assets Cash 9.22% US Stocks 0.91% US Bonds 0.08% Non-US Stocks 89.78% Preferred Stocks 0.00% Convertible Bonds 0.00% Other 0.00%

Non-US Bonds

Keyence Corp

Airbus SE

Total:

MercadoLibre Inc

AsiaPac Lg

AsiaPac Sm

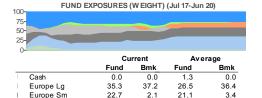
Emg Europe

Emg Asia

Sector Breakdown	
Sensitive	
Communication Services	7.76%
Industrials	8.69%
Technology	15.05%
Energy	4.28%
Cyclical	
Basic Materials	5.86%
Consumer Cyclical	14.69%
Real Estate	1.36%
Financial Services	16.32%
Defensive	
Consumer Defensive	6.71%
Healthcare	15.57%
Utilities	3.71%
TOP 10 HOLDINGS	
AIA Group Ltd	2.61%
ASML Holding NV	2.39%
Reliance Industries Ltd	2.13%
Daiichi Sankyo Co Ltd	2.08%
Nintendo Co Ltd	1.78%
HDFC Bank Ltd	1.68%

ASSET LOADINGS (Returns-based)

LVMH Moet Hennessy Louis Vuitton SE



0.0

0.0

19.5

41.2

10.0

5.1

3.9

32.2

0.0

13.3

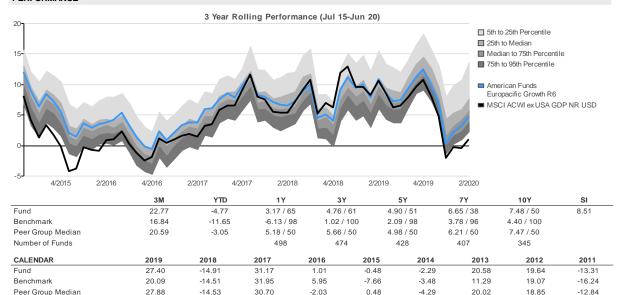
1.8

27.0

INVESTMENT OVERVIEW

The investment seeks long-term growth of capital. The fund invests primarily in common stocks of issuers in Europe and the Pacific Basin that the investment adviser believes have the potential for growth. Growth stocks are stocks that the investment adviser believes have the potential for above-average capital appreciation. It normally will invest at least 80% of its net assets in securities of issuers in Europe and the Pacific Basin. The fund may invest a portion of its assets in common stocks and other securities of companies in emerging markets.

PERFORMANCE



NOTES

3 Yr	Fund	Benchmark	Peer Group Median
Alpha	3.60	0.00	4.34
Beta	0.95	1.00	0.88
R-Squared	95.15	100.00	87.41
Sharpe Ratio	0.26	0.04	0.31
Up Market Capture	103.95	100.00	96.75
Down Market Capture	88.84	100.00	79.68
5 Yr	Fund	Benchmark	Peer Group Median
Alpha	2.78	0.00	2.91
Beta	0.90	1.00	0.85
R-Squared	92.49	100.00	83.74
Sharpe Ratio	0.31	0.14	0.33
Up Market Capture	97.25	100.00	91.48
Down Market Capture	85.66	100.00	81.12



Capital Markets Overview

Second Quarter 2020

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Macroeconomic Summary

Global economies still reeling from pandemic

- Global economy is in clear recession, punctuated by a revision downward by the IMF estimates of global growth forecast to -4.9%. This comes after an earlier projection of -3.0% in April.
- The National Bureau of Economic Research (NBER) officially declared the U.S. entered recession. Indeed, 1Q20 posted a -5% GDP and forecasts for 2Q could be -30% or worse.
- Fiscal and monetary support was global and immense. The U.S. was the global leader, and is estimated to have pumped a combined 22% of U.S. GDP into the system.
- Market participants broadly expect more stimulus to be required, and as of this writing congress is currently **contemplating additional measures ranging \$1 \$3.5 trillion**.

The alphabet soup of recovery "shapes" continues to be debated

- A deluge of letters ranging from V, to U, to W, to Nike Swoosh, to backward square root sign have become daily discourse among financial pundits the outcome may depend on virus containment.
- Most economic data was understandably negative across 2Q, though seems to be recovering
 - Unemployment is currently worse than at the peak of the Great Financial Crisis, and remains in double digits
 - Segments of the PMIs have increased and Consumer Confidence is depressed but at acceptable levels all things considered
 - Housing likely contributes to that confidence as it has held up remarkably well, prices remain elevated likely due to a drop in supply and falling mortgage rates
- Net-net, it will take more time and data to understand the shape of this recovery, especially as continued jobless claims and unemployment suggest more permanent damage possible



Market Summary

US Markets

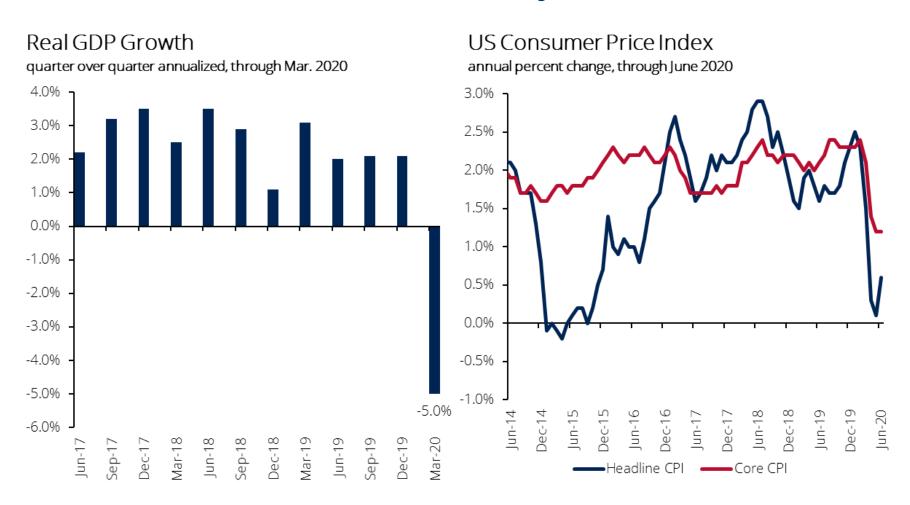
- If there is one area that experienced a "V-shaped recovery" it was the U.S. stock market. A 1Q20 drawdown of -30.43% was met by a hard rally of 35.23% on the S&P through June 30.
- Technology stocks have led the way, as giants Apple, Amazon and Microsoft have led the NASDAQ index to all-time highs while DJIA and S&P 500 are still net-negative YTD.
- "Safe haven" assets have rallied through the 2Q: investment grade bonds, U.S. Government debt and even gold were broadly positive.
- The stock market has dislocated from the real economy, as a backdrop of a global pandemic and one of the worst labor markets on record rarely make for stock market all time highs.
 - The "Don't Fight the Fed" trade is the likely culprit.

Global Markets

- Policy response across Europe has been slower than in the U.S., as Euro disagreement about size and scope of stimulus hit predictable cultural divides regarding frugality.
- This is **evident through market prices** as despite better control of the virus than the U.S., prices **remain depressed**:
 - MSCI EAFE has returned -11.3% YTD
 - MSCI EM has returned -9.8% YTD
- As was evident in the U.S. was also observed in ex-U.S. with respect to safe haven perceptions
 - Japan (-7.1%) and Switzerland (-1.8%), often regarded as more durable in both currency and market prices, declined less than their developed peers YTD
 - China, the only market to post a positive GDP growth figure, also boasts +3.5% YTD returns

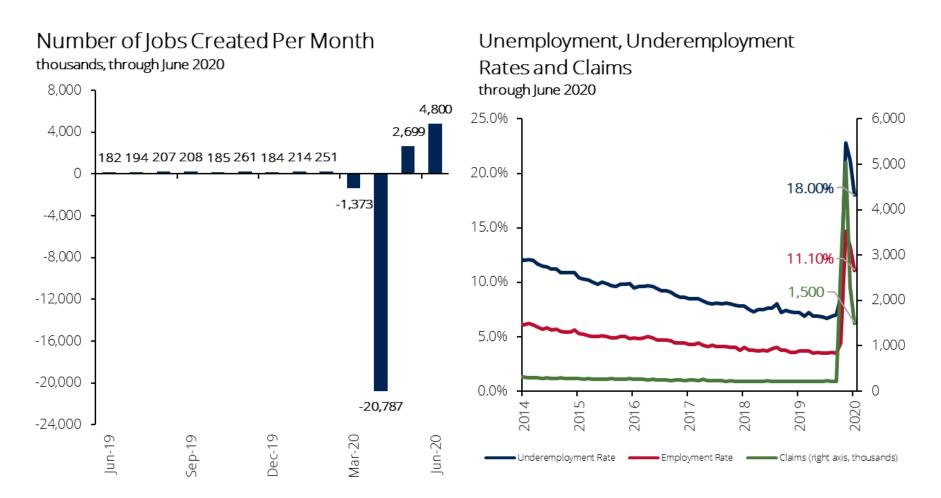


State of the U.S. Economy



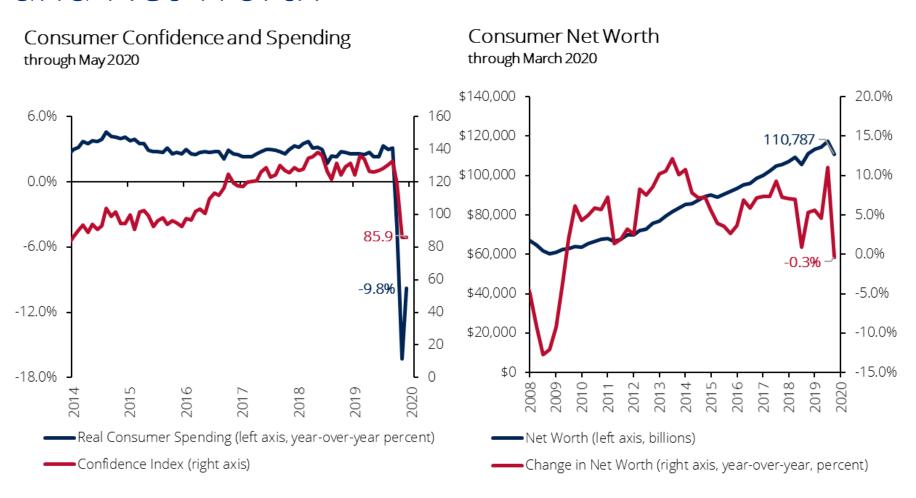


U.S. Labor Market Trends





U.S. Consumer Confidence, Spending and Net Worth





U.S Housing Market Trends

Case Shiller 20 City Home Price Index through April 2020



Housing Supply and Demand through May 2020



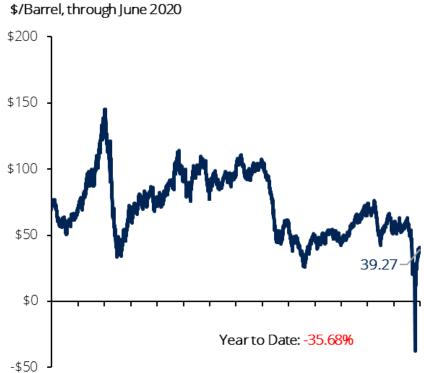


Energy Inflation and Oil





Oil Price



Jun-11

Jun-14



Historical, Current and Forward Rates

U.S. Yield Curve

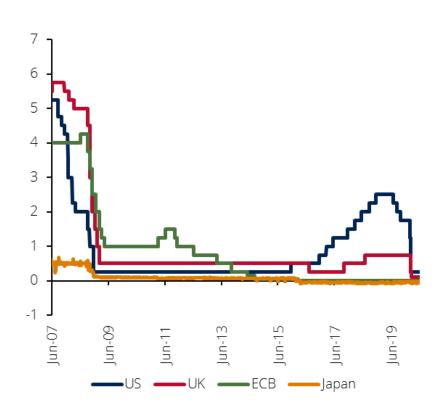
red represents projected change from current to two years forward





Global Monetary Policies and Interest Rates

Global Central Bank Rates through June 2020

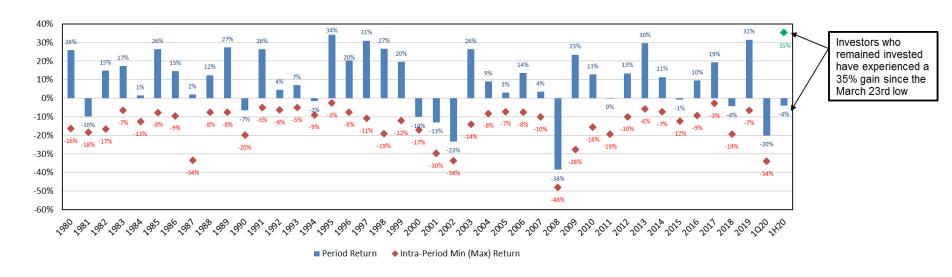


Sovereign Yield Curve





Investors who had sold during the Q1 sell-off would have missed a powerful rally



S&P 500 data going back 40 years demonstrates how frequently large drawdowns in the equity market exist

It also highlights that full year performance does not tend to be defined by the presence of a large drawdown and can often finish the year positive



Large cap equities have come back strong from the historic bear market

S&P 500 Index

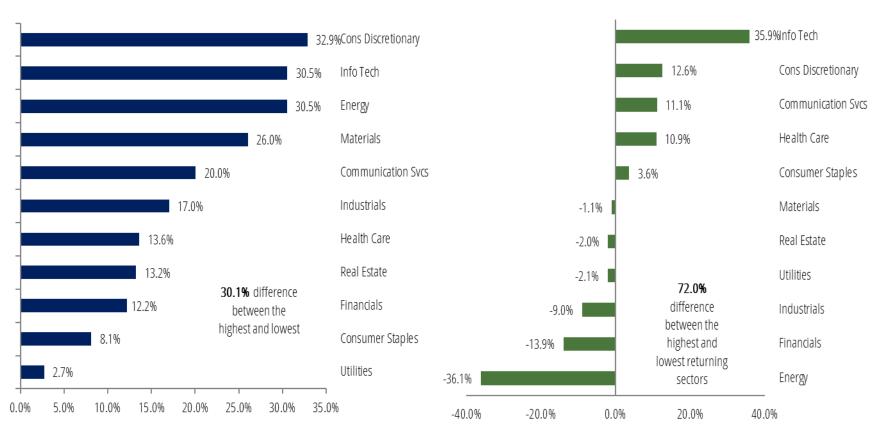




S&P 500 Sector Returns

QTD Returns as of June 30, 2020

1 Year Trailing Returns as of June 30, 2020





Equity Market Returns

(as o	(as of June 30, 2020)		YTD	1 Year Trailing	3 Year Trailing	5 Year Trailing	10 Year Trailing	2019	2018	2017	2016	2015	2014	2013
Domestic Equity														
de	S&P 500	20.5%	-3.1%	7.5%	10.7%	10.7%	14.0%	31.5%	-4.4%	21.8%	12.0%	1.4%	13.7%	32.4%
Large Cap	Russell 1000 Value	14.3%	-16.3%	-8.8%	1.8%	4.6%	10.4%	26.5%	-8.3%	13.7%	17.3%	-3.8%	13.5%	32.5%
Lar	Russell 1000 Growth	27.8%	9.8%	23.3%	19.0%	15.9%	17.2%	36.4%	-1.5%	30.2%	7.1%	5.7%	13.0%	33.5%
	Russell Mid Cap	24.6%	-9.1%	-2.2%	5.8%	6.8%	12.3%	30.5%	-9.1%	18.5%	13.8%	-2.4%	13.2%	34.8%
Mid Cap	·													
Mid	Russell Mid Cap Value	19.9%	-18.1%	-11.8%	-0.5%	3.3%	10.3%	27.1%	-12.3%	13.3%	20.0%	-4.8%	14.7%	33.5%
_	Russell Mid Cap Growth	30.3%	4.2%	11.9%	14.8%	11.6%	15.1%	35.5%	-4.8%	25.3%	7.3%	-0.2%	11.9%	35.7%
de	Russell 2000	25.4%	-13.0%	-6.6%	2.0%	4.3%	10.5%	25.5%	-11.0%	14.6%	21.3%	-4.4%	4.9%	38.8%
Small Cap	Russell 2000 Value	18.9%	-23.5%	-17.5%	-4.3%	1.3%	7.8%	22.4%	-12.9%	7.8%	31.7%	-7.5%	4.2%	34.5%
S	Russell 2000 Growth	30.6%	-3.1%	3.5%	7.9%	6.9%	12.9%	28.5%	-9.3%	22.2%	11.3%	-1.4%	5.6%	43.3%
International Equity														
	MSCI EAFE	14.9%	-11.3%	-5.1%	0.8%	2.1%	5.7%	22.0%	-13.8%	25.0%	1.0%	-0.8%	-4.9%	22.8%
ts	Australia	28.9%	-14.0%	-11.5%	0.8%	3.0%	5.2%	22.9%	-12.0%	19.9%	11.4%	-10.0%	-3.4%	4.2%
Developed Markets	Canada	20.2%	-12.9%	-8.2%	1.1%	1.6%	2.7%	27.5%	-17.2%	16.1%	24.6%	-24.2%	1.5%	5.6%
Ĭ	France	16.1%	-15.9%	-10.3%	0.5%	3.5%	5.8%	25.7%	-12.8%	28.7%	4.9%	-0.1%	-9.9%	26.3%
obec	Germany	26.5%	-7.6%	-2.6%	-1.3%	1.8%	6.1%	20.8%	-22.2%	27.7%	2.8%	-1.9%	-10.4%	31.4%
velo	Japan	11.6%	-7.1%	3.1%	3.0%	3.4%	6.1%	19.6%	-12.9%	24.0%	2.4%	9.6%	-4.0%	27.2%
Ď	Switzerland	10.9%	-1.8%	5.9%	7.0%	5.5%	9.1%	32.3%	-9.1%	22.5%	-4.9%	0.4%	-0.1%	26.6%
	UK	7.8%	-23.3%	-17.7%	-3.9%	-2.5%	3.9%	21.0%	-14.2%	22.3%	-0.1%	-7.6%	-5.4%	20.7%
	MSCI Emerging Markets	18.1%	-9.8%	-3.4%	1.9%	2.9%	3.3%	18.4%	-14.6%	37.3%	11.2%	-14.9%	-2.2%	-2.6%
S	Brazil	22.8%	-38.9%	-33.4%	-2.5%	0.4%	-4.1%	26.3%	-0.5%	24.1%	66.2%	-41.4%	-14.0%	-16.0%
rke	China	15.3%	3.5%	13.1%	8.6%	5.3%	6.4%	23.5%	-18.9%	54.1%	0.9%	-7.8%	8.0%	3.6%
M	India	20.6%	-16.9%	-17.0%	-1.6%	0.9%	1.7%	7.6%	-7.3%	38.8%	-1.4%	-6.1%	23.9%	-3.8%
Emerging Markets	Indonesia	24.0%	-25.1%	-24.0%	-7.4%	-0.3%	0.9%	9.1%	-9.2%	24.2%	17.0%	-19.5%	26.6%	-23.5%
mer	Korea	19.5%	-7.3%	0.4%	-1.9%	4.2%	4.8%	12.5%	-20.9%	47.3%	8.7%	-6.7%	-11.1%	3.9%
됴	Mexico	11.0%	-28.4%	-25.2%	-14.4%	-9.2%	-2.0%	11.4%	-15.5%	16.0%	-9.2%	-14.4%	-9.3%	0.2%
	Russia	18.7%	-24.5%	-13.0%	11.6%	8.6%	2.3%	50.9%	-0.4%	5.2%	54.8%	4.2%	-46.3%	0.8%

Source: Morningstar Direct; GWCM Analysis

Individual country returns are represented by MSCI indices and shown as USD returns

*Canada is not part of the EAFE Index

Past performance is not a guarantee or prediction of future results.



Returns by Style

		3 Months				1 Year		Since Market Peak (February, 2020)					
	Value	Blend	Growth		Value	Blend	Growth		Value	Blend	Growth		
Large	14.3%	20.5%	27.8%	Large	-8.8%	7.5%	23.3%	Large	-17.3%	-7.8%	0.5%		
Mid	19.9%	24.6%	30.3%	Mid	-11.8%	-2.2%	11.9%	Mid	-19.5%	-12.5%	-2.6%		
Small	18.9%	25.4%	30.6%	Small	-17.5%	-6.6%	3.5%	Small	-21.9%	-14.3%	-7.8%		
		3 Year				5 Year			Since Mark	cet Low (Ma	rch, 2020)		
	Value	Blend	Growth		Value	Blend	Growth		Value	Blend	Growth		
Large	1.8%	10.7%	19.0%	Large	4.6%	10.7%	15.9%	Large	28.2%	35.2%	43.9%		
Mid	-0.5%	5.8%	14.8%	Mid	3.3%	6.8%	11.6%	Mid	36.5%	41.9%	48.5%		
mall	-4.3%	2.0%	7.9%	mall	1.3%	4.3%	6.9%	mall	33.8%	42.8%	50.1%		

performance as of June 30, 2020

Source: Morningstar Direct; GWCM Analysis; Large Blend – S&P 500 Index, Large Value – Russell 1000 Value Index, Large Growth – Russell 1000 Growth Index, Mid Blend – Russell Mid Cap Index, Mid Value – Russell Mid Cap Value Index, Mid Growth – Russell Mid Cap Growth Index, Small Blend – Russell 2000 Index, Small Value – Russell 2000 Value Index, Small Growth – Russell 2000 Growth Index



Fixed Income and Specialty Returns

(as of June 30, 2020)	QTD	YTD	1 Year Trailing	3 Year Trailing	5 Year Trailing	10 Year Trailing	2019	2018	2017	2016	2015	2014	2013
Fixed Income													
Bloomberg Barclays US Aggregate	2.9%	6.1%	8.7%	5.3%	4.3%	3.8%	8.7%	0.0%	3.5%	2.6%	0.5%	6.0%	-2.0%
Bloomberg Barclays US Treasury	0.5%	8.7%	10.4%	5.6%	4.1%	3.4%	6.9%	0.9%	2.3%	1.0%	0.8%	5.1%	-2.7%
Bloomberg Barclays US Govt/Credit Intermedia	2.8%	5.3%	7.1%	4.4%	3.5%	3.1%	6.8%	0.9%	2.1%	2.1%	1.1%	3.1%	-0.9%
Bloomberg Barclays US Govt/Credit Long	6.2%	12.8%	18.9%	10.3%	9.0%	7.8%	19.6%	-4.7%	10.7%	6.7%	-3.3%	19.3%	-8.8%
Bloomberg Barclays US TIPS	4.2%	6.0%	8.3%	5.0%	3.7%	3.5%	8.4%	-1.3%	3.0%	4.7%	-1.4%	3.6%	-8.6%
Bloomberg Barclays US Corporate High Yield	10.2%	-3.8%	0.0%	3.3%	4.8%	6.7%	14.3%	-2.1%	7.5%	17.1%	-4.5%	2.5%	7.4%
FTSE WGBI	2.0%	4.1%	4.6%	4.0%	3.7%	2.4%	5.9%	-0.8%	7.5%	1.6%	-3.6%	-0.5%	-4.0%
JPM EMBI Global Diversified	12.3%	-2.8%	0.5%	3.6%	5.3%	6.0%	15.0%	-4.3%	10.3%	10.2%	1.2%	7.4%	-5.3%
FTSE Treasury Bill 3 Month	0.1%	0.5%	1.6%	1.7%	1.2%	0.6%	2.3%	1.9%	0.8%	0.3%	0.0%	0.0%	0.1%
Specialty													
Bloomberg Commodity	5.1%	-19.4%	-17.4%	-6.1%	-7.7%	-5.8%	7.7%	-11.2%	1.7%	11.8%	-24.7%	-17.0%	-9.5%
DJ US Select REIT	9.1%	-22.0%	-17.7%	-2.0%	2.4%	8.3%	23.1%	-4.2%	3.8%	6.7%	4.5%	32.0%	1.2%
FTSE EPRA/NAREIT Developed Ex US	8.8%	-21.2%	-15.4%	-0.3%	1.3%	5.9%	21.8%	-5.8%	20.8%	2.0%	-3.2%	3.2%	6.1%



Calendar Year Returns by Asset Class

2011	2012	2013	2014	2015	2016	2017	2018	2019	2020 YTD	Cumulative Return*
Agg Bond	Mid Value	Sm Growth	Mid Value	Lg Growth	Sm Value	Emrg Mkt	Agg Bond	Lg Growth	Lg Growth	Lg Growth
7.8	18.5	43.3	14.7	5.7	31.7	37.3	0.01	36.39	9.81	287.97
Balanced	Emrg Mkt	Mid Growth	Lg Value	Balanced	Mid Yalue	Lg Growth	Lg Growth	Mid Growth	Agg Bond	Mid Growth
4.7	18.2	35.7	13.5	1.3	20.0	30.2	-1.51	35.47	6.14	211.98
Lg Growth	Sm Value	Sm Value	Lg Growth	Agg Bond	Lg Value	Mid Growth	Balanced	Sm Growth	Mid Growth	Sm Growth
2.6	18.1	34.5	13.0	0.5	17.3	25.3	-2.35	28.48	4.16	155.06
Lg Yalue	Lg Value	Lg Growth	Mid Growth	Mid Growth	Sm Growth	International	Mid Growth	Mid Value	Balanced	Lg Value
0.4	17.5	33.5	11.9	-0.2	11.3	25.0	-4.75	27.06	0.98	128.74
Mid Yalue	International	Mid Value	Balanced	International	Emrg Mkt	Sm Growth	Lg Value	Lg Value	Sm Growth	Sm Value
-1.4	17.3	33.5	10.6	-0.8	11.2	22.2	-8.27	26.54	-3.06	121.61
Mid Growth	Mid Growth	Lg Value	Agg Bond	Sm Growth	Balanced	Balanced	Sm Growth	Sm Value	Emrg Mkt	Balanced
-1.7	15.8	32.5	6.0	-1.4	8.3	14.2	-9.31	22.39	-9.78	111.60
Sm Growth	Lg Growth	International	Sm Growth	Lg Value	Mid Growth	Lg Value	Mid Yalue	Balanced	International	Mid Yalue
-2.9	15.3	22.8	5.6	-3.8	7.3	13.7	-12.29	22.18	-11.34	67.74
Sm Value	Sm Growth	Balanced	Sm Value	Mid Value	Lg Growth	Mid Yalue	Sm Value	International	Lg ¥alue	Agg Bond
-5.5	14.6	17.6	4.2	-4.8	7.1	13.3	-12.86	22.01	-16.26	43.90
International	Balanced	Agg Bond	Emrg Mkt	Sm Value	Agg Bond	Sm Value	International	Emrg Mkt	Mid Value	International
-12.1	11.3	-2.0	-2.2	-7.5	2.6	7.8	-13.79	18.42	-18.09	40.58
Emrg Mkt	Agg Bond	Emrg Mkt	International	Emrg Mkt	International	Agg Bond	Emrg Mkt	Agg Bond	Sm Value	Emrg Mkt
-18.4	4.2	-2.6	-4.9	-14.9	1.0	3.5	-14.58	8.72	-23.50	8.91

^{*}Cumulative return is for the time period 1/1/2011 - 6/30/2020

Source: Morningstar Direct; GWCM Analysis; Lg Growth – Russell 1000 Growth Index, Lg Value – Russell 1000 Value Index, Mid Growth – Russell Mid Cap Growth – Russell 2000 Growth Index, Sm Value – Russell 2000 Value Index, International – MSCI EAFE NR Index, Emrg Mkt – MSCI EM NR Index, Agg Bond – Bloomberg Barclays US Aggregate Bond Index, Balanced – 60% S&P 500 Index and 40% Bloomberg Barclays US Aggregate Bond Index.



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- The Russell 1000 Value Market capitalization-weighted index of those firms in the Russell 1000 with lower price-to-book ratios and lower forecasted growth values. The Russell 1000 includes the largest 1000 firms in the Russell 3000, which represents approximately 98% of the investable U.S. equity market.
- The Russell 1000 Growth Market capitalization-weighted index of those firms in the Russell 1000 with higher price-to-book ratios and higher forecasted growth values. The Russell 1000 includes the largest 1000 firms in the Russell 3000, which represents approximately 98% of the investable U.S. equity market.



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- The Russell 2000 Growth Market-weighted total return index that measures the performance of companies within the Russell 2000 Index having higher price-to-book ratios and higher forecasted growth values. The Russell 2000 Index includes the 2000 firms from the Russell 3000 Index with the smallest market capitalizations.
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- The Bloomberg Barclays US TIPS Index includes all publicly issued, U.S. Treasury inflation-protected securities that have at least one year remaining to maturity, are rated investment grade, and have \$250 million or more of outstanding face value.
- The Dow Jones U.S. Select REIT Index intends to measure the performance of publicly traded REITs and REIT-like securities. The index is a subset of the Dow Jones U.S. Select Real Estate Securities Index (RESI), which represents equity real estate investment trusts (REITs) and real estate operating companies (REOCs) traded in the U.S.
- The FTSE EPRA/NAREIT Developed ex US Index is a subset of the FTSE EPRA/NAREIT Developed Index and is designed to track the performance of listed real estate companies and REITS.

Source: Morningstar Direct.



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