

FREEDOM FIRST FEDERAL CREDIT UNION

Screens Summary (Data as of 12-31-2019)

⊖ Fund Removed from Approved List ⚠ Fund on Watch List

Name	Ticker	Asset Class	Trailing Performance and Risk				Management			Style		Expense				
			1 Yr	3 Yr	5 Yr	10 Yr	Pass/ Fail	Std Dev 3 Yr %	Beta 3 Yr %	Tenure	Pass/ Fail	Style Box	Pass/ Fail	Exp Ratio	Pass/ Fail	
US Stock																
American Funds Invmt Co of Amer R6 <i>percentile rank</i> <i># of funds in category</i>	RICGX	Large Blend	24.92 87 1,394	12.03 77 1,210	9.82 60 1,065	11.73 67 815	✔	11.23	0.90	27.85	✔	☒	✔	0.29	✔	
Vanguard 500 Index Admiral <i>percentile rank</i> <i># of funds in category</i>	VFIAX	Large Blend Index	31.46 24 1,394	15.23 18 1,210	11.66 10 1,065	13.52 8 815	✔	12.10	1.00	3.68	✔	☒	✔	0.04	✔	
State St Russell Lg Cap Gr® Indx NL CI C <i>percentile rank</i> <i># of funds in category</i>		Large Growth	36.37 17 1,363	20.40 28 1,230	14.57 17 1,098	15.17 13 822	✔	13.25	1.00	20.60	✔	☒	✔	-	—	
DFA US Large Cap Value I <i>percentile rank</i> <i># of funds in category</i>	DFLVX	Large Value	25.45 49 1,215	9.66 58 1,097	8.63 39 951	12.75 9 697	✔	13.74	1.13	7.84	✔	☒	✔	0.27	✔	
Vanguard Mid-Cap Growth Index Admiral <i>percentile rank</i> <i># of funds in category</i>	VMGMX	Mid-Cap Growth	33.86 42 619	15.46 54 566	10.23 55 502	- - 386	✔	13.24	0.93	6.86	✔	☒	✔	0.07	✔	
Vanguard Mid-Cap Value Index Admiral <i>percentile rank</i> <i># of funds in category</i>	VMVAX	Mid-Cap Value	27.99 32 422	9.47 18 377	8.23 25 342	- - 233	✔	13.39	1.02	13.38	✔	☒	✔	0.07	✔	
State St Russell Sm Cap® Gr Indx NL CI C <i>percentile rank</i> <i># of funds in category</i>		Small Growth	28.44 43 642	12.35 58 574	9.26 62 509	12.89 50 383	✔	16.58	1.00	10.41	✔	☒	✔	-	—	
State St Russell Sm Cp® Val Indx NL CI C <i>percentile rank</i> <i># of funds in category</i>		Small Value	22.24 46 419	4.79 35 387	6.93 26 346	10.53 38 237	✔	15.88	1.00	10.41	✔	☒	✔	-	—	
Non-US Stock																
Vanguard Emerging Mkts Stock Idx Adm <i>percentile rank</i> <i># of funds in category</i>	VEMAX	Diversified Emerging Mkts	20.31 41 832	10.53 51 711	5.01 52 577	3.45 54 243	✔	13.64	0.94	11.35	✔	☒	✔	0.14	✔	
American Funds Europacific Growth R6 <i>percentile rank</i> <i># of funds in category</i>	REGGX	Foreign Large Blend	27.40 59 469	12.45 47 405	7.41 44 338	6.73 55 249	✔	12.25	1.07	18.59	✔	☒	✔	0.49	✔	
Vanguard International Growth Adm <i>percentile rank</i> <i># of funds in category</i>	VWILX	Foreign Large Growth	31.48 22 469	18.06 4 405	10.76 5 338	8.84 11 249	✔	15.38	1.30	16.91	✔	☒	✔	0.32	✔	
Vanguard International Value Inv <i>percentile rank</i> <i># of funds in category</i>	VTRIX	Foreign Large Value	20.39 21 347	9.61 6 305	5.17 13 253	4.91 29 165	✔	11.56	1.04	11.63	✔	☒	✖	0.37	✔	
American Funds New Perspective R6 <i>percentile rank</i> <i># of funds in category</i>	RNPGX	World Stock	30.48 19 876	16.79 13 728	11.45 10 610	11.15 7 370	✔	11.96	0.96	19.09	✔	☒	✔	0.44	✔	

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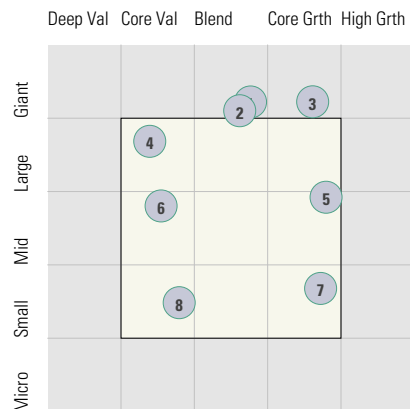
Name	Ticker	Asset Class	Trailing Performance and Risk				Management			Style		Expense			
			1 Yr	3 Yr	5 Yr	10 Yr	Pass/ Fail	Std Dev 3 Yr %	Beta 3 Yr %	Tenure	Pass/ Fail	Style Box	Pass/ Fail	Exp Ratio	Pass/ Fail
Alternative															
PIMCO Commodity Real Ret Strat Instl	PCRIX	Commodities Broad Basket	12.27	-0.20	-3.29	-3.32		9.75	1.11	5.00		—	—	1.46	
<i>percentile rank</i>			10	47	47	19									
<i># of funds in category</i>			131	107	97	36									
Vanguard Real Estate Index Admiral	VGSLX	Real Estate	28.94	8.37	7.17	11.97		12.06	0.98	23.65		—		0.11	
<i>percentile rank</i>			29	46	38	29									
<i># of funds in category</i>			259	224	200	138									
Fixed Income															
Baird Core Plus Bond Inst	BCOIX	Core Plus Bond	10.11	4.66	3.75	4.92		2.74	0.92	19.27		—	—	0.30	
<i>percentile rank</i>			23	19	13	16									
<i># of funds in category</i>			613	530	444	332									
Vanguard High-Yield Corporate Adm	VWEAX	High Yield Bond	15.91	6.45	5.79	7.20		4.23	0.98	11.88		—	—	0.13	
<i>percentile rank</i>			10	11	15	15									
<i># of funds in category</i>			713	618	543	340									
Vanguard Inflation-Protected Secs Adm	VAIPX	Inflation- Protected Bond	8.16	3.15	2.45	3.25		2.96	0.98	8.37		—	—	0.10	
<i>percentile rank</i>			45	35	33	23									
<i># of funds in category</i>			221	194	163	104									
Vanguard Total Bond Market Index Adm	VBTLX	Intermediate- Term Bond	8.71	4.02	3.00	3.68		2.94	1.01	6.86			—	0.05	
<i>percentile rank</i>			34	28	32	47									
<i># of funds in category</i>			431	383	328	252									
Federated Government Ultrashrt Dur R6	FGULX	Ultrashort Bond	2.16	1.71	—	—		0.24	0.02	22.49		—	—	0.24	
<i>percentile rank</i>			93	85	—	—									
<i># of funds in category</i>			201	161	130	62									
Templeton Global Bond R6	FBNRX	World Bond	1.01	1.79	1.59	—		6.28	-0.94	18.01		—	—	0.49	
<i>percentile rank</i>			94	82	83	—									
<i># of funds in category</i>			316	283	236	80									
Balanced															
Vanguard LifeStrategy Cnsvr Gr Inv	VSCGX	Target Risk	15.68	7.59	5.67	6.62		4.58	0.98	25.27		—		0.12	
<i>percentile rank</i>			36	16	18	29									
<i># of funds in category</i>			562	509	419	270									
Vanguard LifeStrategy Growth Inv	VASGX	Target Risk	23.13	10.97	7.91	9.35		9.15	1.01	25.27		—		0.14	
<i>percentile rank</i>			32	19	19	23									
<i># of funds in category</i>			334	304	274	193									
Vanguard LifeStrategy Income Inv	VASIX	Target Risk	12.05	5.85	4.45	5.18		2.82	0.32	25.27		—		0.11	
<i>percentile rank</i>			35	18	18	43									
<i># of funds in category</i>			200	183	158	91									
Vanguard LifeStrategy Moderate Gr Inv	VSMGX	Target Risk	19.37	9.30	6.82	8.08		6.81	1.00	25.27		—		0.13	
<i>percentile rank</i>			53	37	34	44									
<i># of funds in category</i>			699	644	571	420									

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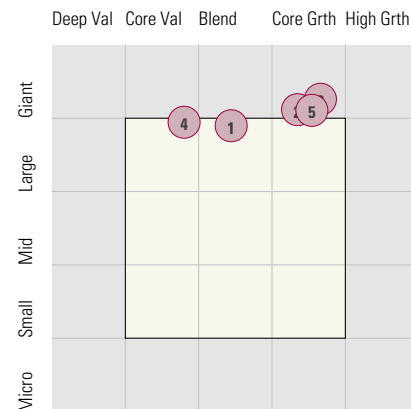
Style Analysis (Data as of 12-31-2019)

Style Analysis

Morningstar Style Box US Stock



Morningstar Style Box Non-US Stock



US Stock Funds

	Category	Super Sectors %			Asset Allocation %			Avg Mkt Cap M\$	
		Cyclical	Defensive	Sensitive	Cash	US Stock	Foreign		
1	American Funds Invmt Co of Amer R6	Large Blend	21.71	31.35	46.94	5.11	79.99	14.78	73.81
2	Vanguard 500 Index Admiral	Large Blend Index	30.69	25.24	44.08	0.35	98.70	0.95	71.43
3	State St Russell Lg Cap Gr® Indx NL CI C	Large Growth	25.66	19.73	54.62	0.76	99.07	0.17	49.99
4	DFA US Large Cap Value I	Large Value	35.32	19.81	44.87	0.84	97.81	1.35	53.28
5	Vanguard Mid-Cap Growth Index Admiral	Mid-Cap Growth	30.13	20.10	49.76	0.38	98.54	1.08	11.59
6	Vanguard Mid-Cap Value Index Admiral	Mid-Cap Value	47.80	23.91	28.29	0.21	97.32	2.47	9.97
7	State St Russell Sm Cap® Gr Indx NL CI C	Small Growth	24.12	36.29	39.58	0.98	97.89	1.12	1.57
8	State St Russell Sm Cp® Val Indx NL CI C	Small Value	54.33	14.52	31.15	0.69	98.22	1.09	1.32

Non-US Stock Funds

	Category	Super Sectors %			Regional Exposure %			Market Maturity %			
		Cyclical	Defensive	Sensitive	Americas	Greater Asia	Greater Europe	Developed	EM%	Avg Mkt Cap M\$	
1	Vanguard Emerging Mkts Stock Idx Adm	Diversified Emerging Mkts	49.32	12.80	37.89	12.90	71.01	16.09	18.53	81.47	18.95
2	American Funds Europacific Growth R6	Foreign Large Blend	40.93	20.70	38.37	11.55	47.62	40.81	71.76	28.24	39.57
3	Vanguard International Growth Adm	Foreign Large Growth	44.59	20.93	34.49	13.68	38.62	47.71	75.72	24.28	31.23
4	Vanguard International Value Inv	Foreign Large Value	33.27	21.85	44.88	7.63	37.88	54.50	89.21	10.79	33.22
5	American Funds New Perspective R6	World Stock	35.92	22.64	41.44	58.10	14.02	27.87	94.81	5.19	55.05

Fixed Income Funds

	Category	Super Sectors %				Avg Eff Duration	Credit Quality %			
		US Govt Debt	Mtg	US Credit	Non US		Inv Grade	Below Inv Grade	NR/NA	
1	Baird Core Plus Bond Inst	Core Plus Bond	17.63	21.34	51.18	0.00	5.68	96.80	2.90	0.30
2	Vanguard High-Yield Corporate Adm	High Yield Bond	2.85	0.00	90.05	0.00	3.03	8.93	88.95	2.12
3	Vanguard Inflation-Protected Secs Adm	Inflation-Protected Bond	97.66	0.00	0.00	0.00	7.38	100.00	0.00	0.00
4	Vanguard Total Bond Market Index Adm	Intermediate-Term Bond	46.34	22.94	27.53	0.00	6.26	100.00	0.00	0.00
5	Federated Government Ultrashrt Dur R6	Ultrashort Bond	15.26	56.99	0.00	0.00	0.38	100.00	0.00	0.00
6	Templeton Global Bond R6	World Bond	76.93	0.00	0.06	0.00	-1.39	85.16	17.29	-2.44