

# CITY OF RICHMOND 457B DEFERRED

## Screens Summary (Data as of 09-30-2022)

🚫 Fund Removed from Approved List    ⚠️ Fund on Watch List

Name	Ticker	Asset Class	Trailing Performance and Risk				Management			Style		Expense			ESG Metrics			
			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	Sustain. Rating <i>Updated</i>	Commit. Level <i>Updated</i>	Carbon Risk <i>Updated</i>
<b>US Stock</b>																		
DFA US Core Equity 1 I	DFEOX	Large Blend	-14.72	8.04	8.19	11.25	✓	21.30	1.04	10.59	✓	📊	✓	0.14	✓	2	-	Low Risk
<i>percentile rank</i>			35	26	52	33												
<i># of funds in category</i>			1,376	1,250	1,131	828									08-31-2022	-	06-30-2022	
Vanguard FTSE Social Index Admiral	VFTAX	Large Blend Index	-20.13	7.66	-	-	✓	21.52	1.05	6.78	✓	📊	✖️	0.14	✓	4	2-Basic	Low Risk
<i>percentile rank</i>			88	38	-	-												
<i># of funds in category</i>			1,376	1,250	1,131	828									08-31-2022	02-15-2022	06-30-2022	
American Funds Growth Fund of Amer R6	RGAGX	Large Growth	-27.58	7.78	8.54	11.94	✓	22.36	0.95	28.93	✓	📊	✓	0.30	✓	1	1-Low	Low Risk
<i>percentile rank</i>			61	42	63	38												
<i># of funds in category</i>			1,256	1,146	1,067	795									08-31-2022	04-07-2022	06-30-2022	
State St Russell Lg Cp Val® Indx NL Cl C		Large Value	-11.42	4.40	5.31	9.18	✓	20.43	1.00	23.61	✓	📊	✓	0.04	✓	3	-	Medium Risk
<i>percentile rank</i>			71	66	64	45												
<i># of funds in category</i>			1,220	1,158	1,099	804									08-31-2022	-	06-30-2022	
ClearBridge Mid Cap Growth IS	LCMIX	Mid-Cap Growth	-33.29	6.71	8.89	-	✓	25.05	1.02	12.09	✓	📊	✓	0.75	✓	5	-	Low Risk
<i>percentile rank</i>			75	23	21	-												
<i># of funds in category</i>			585	535	494	382									08-31-2022	-	06-30-2022	
Vanguard Mid-Cap Value Index Admiral	VMVAX	Mid-Cap Value	-11.10	4.86	5.23	10.10	✓	22.98	0.96	16.13	✓	📊	✓	0.07	✓	4	1-Low	Medium Risk
<i>percentile rank</i>			51	54	35	12												
<i># of funds in category</i>			407	393	366	272									08-31-2022	02-15-2022	06-30-2022	
State St Russell Sm Cap® Gr Indx NL Cl C		Small Growth	-29.45	2.70	3.41	8.67	✓	25.97	1.00	13.08	✓	📊	✓	0.05	✓	2	-	Medium Risk
<i>percentile rank</i>			56	78	86	73												
<i># of funds in category</i>			620	585	542	409									08-31-2022	-	06-30-2022	
State St Russell Sm Cp® Val Indx NL Cl C		Small Value	-17.78	4.76	2.91	7.93	✓	26.29	0.99	13.08	✓	📊	✓	0.05	✓	2	-	Medium Risk
<i>percentile rank</i>			80	64	57	47												
<i># of funds in category</i>			473	445	419	318									08-31-2022	-	06-30-2022	
<b>Non-US Stock</b>																		
American Funds New World R6	RNWGX	Diversified Emerging Mkts	-28.75	0.73	2.20	4.56	✓	19.53	0.93	23.30	✓	📊	✓	0.57	✓	3	1-Low	Low Risk
<i>percentile rank</i>			53	18	4	3												
<i># of funds in category</i>			808	726	644	373									08-31-2022	02-15-2022	06-30-2022	
American Funds Intl Gr and Inc R6	RIGGX	Foreign Large Blend	-25.44	-1.79	-0.46	3.31	✓	20.07	1.07	14.01	✓	📊	✓	0.54	✓	2	1-Low	Low Risk
<i>percentile rank</i>			47	49	31	49												
<i># of funds in category</i>			755	706	617	425									08-31-2022	02-15-2022	06-30-2022	
Vanguard International Growth Adm	VWILX	Foreign Large Growth	-40.24	3.65	3.12	7.27	✓	23.42	1.04	12.76	✓	📊	✓	0.32	✓	3	-	Low Risk
<i>percentile rank</i>			89	5	10	4												
<i># of funds in category</i>			449	390	350	227									08-31-2022	-	06-30-2022	
DFA International Value I	DFIVX	Foreign Large Value	-17.06	0.45	-1.11	3.57	✓	23.64	1.14	12.59	✓	📊	✓	0.29	✓	1	-	Medium Risk
<i>percentile rank</i>			12	8	21	18												
<i># of funds in category</i>			343	316	294	177									08-31-2022	-	06-30-2022	
American Funds New Perspective R6	RNPGX	Global Stock	-26.83	6.07	6.92	9.85	✓	21.64	1.09	21.84	✓	—	✓	0.41	✓	2	2-Basic	Low Risk
<i>percentile rank</i>			36	15	18	14												
<i># of funds in category</i>			367	308	272	179									08-31-2022	02-15-2022	06-30-2022	

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			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	Sustain. Rating Updated	Commit. Level Updated	Carbon Risk Updated	
<b>Alternative</b>																		
PIMCO Commodity Real Ret Strat Instl	PCRIX	Commodities Broad Basket	4.81	14.52	7.60	-2.37	✔	22.45	1.17	3.92	✔	—	—	0.76	✔	3	—	—
<i>percentile rank</i>			95	36	38	71												
<i># of funds in category</i>			115	109	92	66									08-31-2022	—	—	
Vanguard Real Estate Index Admiral	VGSLX	Real Estate	-18.71	-1.59	3.09	6.24	✔	22.30	0.96	26.40	✔	—	✔	0.12	✔	3	1-Low	Low Risk
<i>percentile rank</i>			70	52	54	35												
<i># of funds in category</i>			256	237	209	152									08-31-2022	02-15-2022	06-30-2022	
<b>Fixed Income</b>																		
PIMCO International Bond (USD-Hdg) Instl	PFORX	Global Bond	-10.93	-2.49	0.75	2.71	✔	4.66	0.68	8.02	✔	—	—	0.51	✔	2	—	—
<i>percentile rank</i>			15	19	3	1												
<i># of funds in category</i>			131	112	95	58									04-30-2022	—	—	
PIMCO High Yield Instl	PHYX	High Yield Bond	-13.79	-1.28	1.05	3.45	✔	10.27	0.91	12.73	✔	—	—	0.56	✔	—	—	—
<i>percentile rank</i>			50	64	51	32												
<i># of funds in category</i>			685	637	582	403												
BlackRock Inflation Protected Bond K	BPLBX	Inflation-Protected Bond	-11.56	1.27	2.05	0.93	✔	7.12	1.03	5.63	✔	—	—	0.30	✔	3	—	—
<i>percentile rank</i>			48	32	25	27												
<i># of funds in category</i>			210	199	190	128									08-31-2022	—	—	
Baird Aggregate Bond Inst	BAGIX	Intermediate-Term Bond	-15.26	-3.07	-0.09	1.36	✔	5.71	1.04	22.02	✔	📊	—	0.30	✔	3	1-Low	—
<i>percentile rank</i>			64	33	24	10												
<i># of funds in category</i>			448	404	366	272									08-31-2022	02-15-2022	—	
PIMCO Income Instl	PIMIX	Multisector Bond	-10.70	-0.26	1.24	4.05	✔	7.14	0.95	15.52	✔	—	—	0.51	✔	—	—	—
<i>percentile rank</i>			30	21	23	1												
<i># of funds in category</i>			345	289	255	152												
Federated Hermes Govt Ultrashort R6	FGULX	Ultrashort Bond	-0.38	0.50	1.08	—	✔	0.56	0.07	25.24	✔	—	—	0.24	✔	—	—	—
<i>percentile rank</i>			30	46	61	—												
<i># of funds in category</i>			237	216	178	99												
<b>Target Date</b>																		
Vanguard Target Retirement 2020 Fund	VTWNX	Target Date	-15.83	1.17	2.91	5.46	✔	10.98	0.90	9.61	✔	—	✔	0.08	✔	3	1-Low	—
<i>percentile rank</i>			36	48	35	24												
<i># of funds in category</i>			157	147	120	57									08-31-2022	02-15-2022	—	
Vanguard Target Retirement 2025 Fund	VTVX	Target Date	-17.53	1.40	3.15	5.96	✔	12.78	0.96	9.61	✔	—	✔	0.08	✔	3	1-Low	Low Risk
<i>percentile rank</i>			58	46	34	21												
<i># of funds in category</i>			226	202	172	94									08-31-2022	02-15-2022	06-30-2022	
Vanguard Target Retirement 2030 Fund	VTHRX	Target Date	-18.42	1.82	3.43	6.46	✔	14.11	0.96	9.61	✔	—	✔	0.08	✔	3	1-Low	Low Risk
<i>percentile rank</i>			50	50	44	27												
<i># of funds in category</i>			226	202	170	97									08-31-2022	02-15-2022	06-30-2022	
Vanguard Target Retirement 2035 Fund	VTTX	Target Date	-18.87	2.39	3.78	6.99	✔	15.35	0.94	9.61	✔	—	✔	0.08	✔	3	1-Low	Low Risk
<i>percentile rank</i>			39	49	44	28												
<i># of funds in category</i>			219	195	169	91									08-31-2022	02-15-2022	06-30-2022	

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														Updated	Updated	Updated		
Vanguard Target Retirement 2040 Fund	VFORX	Target Date	-19.42	2.91	4.11	7.40	✓	16.61	0.94	9.61	✓	—	✓	0.08	✓	3	1-Low	Low Risk
percentile rank			33	46	39	22												
# of funds in category			220	196	170	97												
															08-31-2022	02-15-2022	06-30-2022	
Vanguard Target Retirement 2045 Fund	VTIVX	Target Date	-19.93	3.46	4.42	7.61	✓	17.88	0.96	9.61	✓	—	✓	0.08	✓	3	1-Low	Low Risk
percentile rank			36	34	31	20												
# of funds in category			219	195	169	90												
															08-31-2022	02-15-2022	06-30-2022	
Vanguard Target Retirement 2050 Fund	VFIX	Target Date	-20.18	3.41	4.39	7.60	✓	18.01	0.95	9.61	✓	—	✓	0.08	✓	3	1-Low	Low Risk
percentile rank			38	35	33	20												
# of funds in category			220	196	170	95												
															08-31-2022	02-15-2022	06-30-2022	
Vanguard Target Retirement 2055 Fund	VFFVX	Target Date	-20.17	3.40	4.38	7.58	✓	18.02	0.95	9.61	✓	—	✓	0.08	✓	3	1-Low	Low Risk
percentile rank			37	35	38	26												
# of funds in category			219	195	169	72												
															08-31-2022	02-15-2022	06-30-2022	
Vanguard Target Retirement 2060 Fund	VTTX	Target Date	-20.16	3.40	4.38	7.58	✓	17.99	1.35	9.61	✓	—	✓	0.08	✓	3	1-Low	Low Risk
percentile rank			37	42	41	1												
# of funds in category			218	186	150	1												
															08-31-2022	02-15-2022	06-30-2022	
Vanguard Target Retirement 2065 Fund	VLXVX	Target Date	-20.10	3.38	4.36	—	✖	18.01	1.36	5.22	✓	—	✓	0.08	✓	3	1-Low	Low Risk
percentile rank			24	55	68	—												
# of funds in category			161	37	8	—												
															08-31-2022	02-15-2022	06-30-2022	
Vanguard Target Retirement Income Fund	VTINX	Target Date	-14.19	-0.02	1.96	3.31	✓	8.10	0.87	9.61	✓	—	✓	0.08	✓	3	1-Low	—
percentile rank			49	31	27	36												
# of funds in category			162	146	123	81												
															08-31-2022	02-15-2022	—	
<b>Balanced</b>																		
Vanguard LifeStrategy Cnsv Gr Inv	VSCGX	Target Risk	-16.75	-0.25	2.05	4.07	✓	9.85	1.00	0.59	✖	—	✓	0.12	✓	3	1-Low	—
percentile rank			83	62	38	30												
# of funds in category			465	429	401	290												
															08-31-2022	02-15-2022	—	
Vanguard LifeStrategy Growth Inv	VASGX	Target Risk	-19.55	2.69	3.95	6.93	✓	16.32	1.01	0.59	✖	—	✓	0.14	✓	3	1-Low	Low Risk
percentile rank			73	55	43	34												
# of funds in category			332	309	286	226												
															08-31-2022	02-15-2022	06-30-2022	
Vanguard LifeStrategy Income Inv	VASIX	Target Risk	-15.38	-1.88	0.95	2.53	✓	6.98	0.98	0.59	✖	—	✓	0.11	✓	3	1-Low	—
percentile rank			75	85	60	42												
# of funds in category			143	132	128	89												
															08-31-2022	02-15-2022	—	
Vanguard LifeStrategy Moderate Gr Inv	VSMGX	Target Risk	-18.16	1.24	3.02	5.52	✓	13.03	0.98	0.59	✖	—	✓	0.13	✓	3	1-Low	Low Risk
percentile rank			82	77	62	54												
# of funds in category			766	708	658	487												
															08-31-2022	02-15-2022	06-30-2022	