

CITY OF VIRGINIA DEFERRED

Screens Summary (Data as of 12-31-2022)

🚫 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	Sustain. Rating	Commit. Level	Carbon Risk	
US Stock																		
Vanguard 500 Index Admiral	VFIAX	Large Blend Index	-18.15	7.62	9.39	12.52	✔️	21.17	1.00	6.68	✔️	🇺🇸	✔️	0.04	✔️	3	1-Low	Low Risk
<i>percentile rank</i>			52	33	25	13												
<i># of funds in category</i>			1,379	1,247	1,137	837												

MFS Growth R6	MFEKX	Large Growth	-31.08	3.96	9.72	13.08	✔️	22.34	0.93	20.76	✔️	🇺🇸	✔️	0.49	✔️	4	2-Basic	Low Risk
<i>percentile rank</i>			58	65	32	24												
<i># of funds in category</i>			1,237	1,133	1,056	807												

Invesco Diversified Dividend R6	LCEFX	Large Value	-1.31	5.81	6.61	9.82	✔️	18.80	0.86	6.85	✔️	🇺🇸	✔️	0.43	✔️	2	-	Medium Risk
<i>percentile rank</i>			18	73	65	68												
<i># of funds in category</i>			1,233	1,161	1,105	825												

Vanguard Mid Cap Index Admiral	VIMAX	Mid-Cap Blend	-18.71	6.17	7.32	11.10	✔️	23.61	0.98	24.63	✔️	🇺🇸	✔️	0.05	✔️	4	1-Low	Medium Risk
<i>percentile rank</i>			86	56	30	17												
<i># of funds in category</i>			413	378	350	227												

PGIM Jennison Small Company R6	PJSQX	Small Growth	-18.57	10.45	8.60	11.27	✔️	27.92	0.98	9.10	✔️	🇺🇸	✖️	0.71	✔️	3	-	Medium Risk
<i>percentile rank</i>			10	6	19	21												
<i># of funds in category</i>			604	576	534	405												

DFA US Small Cap Value I	DFS VX	Small Value	-3.52	11.32	6.70	9.95	✔️	29.37	1.05	10.85	✔️	🇺🇸	✔️	0.30	✔️	2	-	Medium Risk
<i>percentile rank</i>			10	14	19	22												
<i># of funds in category</i>			483	455	428	324												

Non-US Stock																		
American Funds New World R6	RNWXG	Diversified Emerging Mkts	-21.75	1.01	3.04	4.98	✔️	20.37	0.90	23.56	✔️	🇺🇸	✔️	0.57	✔️	3	1-Low	Medium Risk
<i>percentile rank</i>			58	17	3	2												
<i># of funds in category</i>			820	736	652	397												

American Funds Intl Gr and Inc R6	RIGGX	Foreign Large Blend	-15.16	0.36	2.06	4.28	✔️	21.51	1.08	14.26	✔️	🇺🇸	✔️	0.54	✔️	2	1-Low	Low Risk
<i>percentile rank</i>			44	56	22	48												
<i># of funds in category</i>			763	723	630	440												

Vanguard Developed Markets Index Admiral	VTMGX	Foreign Large Blend Index	-15.32	1.33	1.67	4.92	✔️	21.45	1.08	9.86	✔️	🇺🇸	✔️	0.07	✔️	2	1-Low	Low Risk
<i>percentile rank</i>			47	28	35	20												
<i># of funds in category</i>			763	723	630	440												

Alternative																		
Vanguard Real Estate Index Admiral	VGS LX	Real Estate	-26.20	-0.41	3.68	6.42	✔️	22.84	0.96	26.65	✔️	—	✔️	0.12	✔️	3	1-Low	Low Risk
<i>percentile rank</i>			61	57	50	34												
<i># of funds in category</i>			257	238	214	155												

Fixed Income																		
Vanguard Inflation-Protected Secs Adm	VAIPX	Inflation-Protected Bond	-11.89	1.09	1.96	1.00	✔️	6.84	0.97	1.15	✖️	—	—	0.10	✔️	3	-	-
<i>percentile rank</i>			54	53	52	43												
<i># of funds in category</i>			217	204	195	138												

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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	Commit. Level	Carbon Risk	
														Updated	Updated	Updated		
Baird Aggregate Bond Inst <i>percentile rank</i> <i># of funds in category</i>	BAGIX	Intermediate-Term Bond	-13.35 49 471	-2.48 31 423	0.25 22 389	1.49 9 289	✔️	6.23	1.05	22.27	✔️	📦	—	0.30	✔️	3	1-Low	—
PIMCO Income Instl <i>percentile rank</i> <i># of funds in category</i>	PIMIX	Multisector Bond	-7.81 23 344	0.03 25 295	1.69 20 258	4.00 1 152	✔️	7.35	0.92	15.77	✔️	—	—	0.51	✔️	—	—	—
Lincoln Stable Value Account -LNGPA <i>percentile rank</i> <i># of funds in category</i>		Stable Value	— — 42	— — —	— — —	— — —	—	—	—	39.69	✔️	—	—	—	—	—	—	—
Federated Hermes Govt Ultrashort R6 <i>percentile rank</i> <i># of funds in category</i>	FGULX	Ultrashort Bond	0.45 38 237	0.63 44 218	1.19 60 180	— — 107	✔️	0.59	0.06	25.49	✔️	—	—	0.24	✔️	—	—	—

Target Date																		
Name	Ticker	Target Date	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	Commit. Level	Carbon Risk	
BlackRock LifePath® Index 2025 K <i>percentile rank</i> <i># of funds in category</i>	LIBKX	Target Date	-15.77 61 239	1.04 71 214	3.17 62 185	5.57 63 117	✔️	12.39	0.90	11.59	✔️	—	✔️	0.09	✔️	3	1-Low	Low Risk
BlackRock LifePath® Index 2030 K <i>percentile rank</i> <i># of funds in category</i>	LINKX	Target Date	-16.41 48 241	1.73 68 214	3.78 53 185	6.29 62 110	✔️	14.42	0.94	11.59	✔️	—	✔️	0.09	✔️	3	1-Low	Low Risk
BlackRock LifePath® Index 2035 K <i>percentile rank</i> <i># of funds in category</i>	LJJKX	Target Date	-17.07 45 232	2.40 64 207	4.35 46 182	6.96 58 114	✔️	16.32	0.96	11.59	✔️	—	✔️	0.09	✔️	4	1-Low	Low Risk
BlackRock LifePath® Index 2040 K <i>percentile rank</i> <i># of funds in category</i>	LKKX	Target Date	-17.65 45 236	2.93 63 208	4.84 33 185	7.56 48 110	✔️	18.10	0.99	11.59	✔️	—	✔️	0.09	✔️	4	1-Low	Low Risk
BlackRock LifePath® Index 2045 K <i>percentile rank</i> <i># of funds in category</i>	LIHXX	Target Date	-18.05 45 232	3.44 53 207	5.27 26 182	8.05 36 113	✔️	19.51	1.01	11.59	✔️	—	✔️	0.09	✔️	4	1-Low	Low Risk
BlackRock LifePath® Index 2050 K <i>percentile rank</i> <i># of funds in category</i>	LIPKX	Target Date	-18.33 53 233	3.72 41 208	5.45 19 185	8.32 24 109	✔️	20.18	1.03	11.59	✔️	—	✔️	0.09	✔️	4	1-Low	Low Risk
BlackRock LifePath® Index 2055 K <i>percentile rank</i> <i># of funds in category</i>	LIVKX	Target Date	-18.33 50 230	3.75 40 205	5.48 17 182	8.49 13 95	✔️	20.27	1.03	11.59	✔️	—	✔️	0.09	✔️	4	1-Low	Low Risk
BlackRock LifePath® Index 2060 K <i>percentile rank</i> <i># of funds in category</i>	LIZKX	Target Date	-18.32 50 228	3.74 46 198	5.48 18 171	— — 1	✔️	20.29	1.46	6.84	✔️	—	✔️	0.09	✔️	3	1-Low	Low Risk
BlackRock LifePath® Index 2065 K <i>percentile rank</i> <i># of funds in category</i>	LIWKX	Target Date	-18.32 41 176	3.89 34 64	— — 15	— — —	✔️	19.99	1.44	3.17	✔️	—	✔️	0.09	✔️	4	1-Low	Low Risk
BlackRock LifePath® Index Retire K <i>percentile rank</i> <i># of funds in category</i>	LIRKX	Target Date	-15.20 87 178	0.58 22 161	2.62 18 142	4.24 6 96	✔️	10.68	1.10	11.59	✔️	—	✔️	0.09	✔️	3	1-Low	—

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⊖ Fund Removed from Approved List
 ! Fund on Watch List

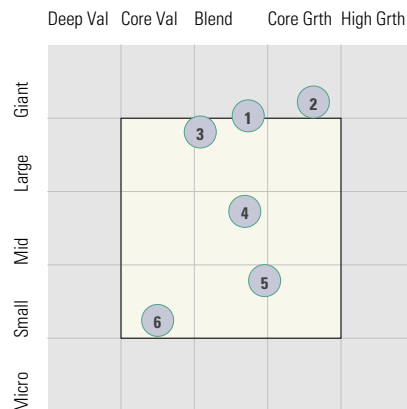
Name	Ticker	Asset Class	Trailing Performance and Risk				Management			Style			Expense		ESG Metrics			
			1 Yr	3 Yr	5 Yr	10 Yr	Pass/ Fail	Std Dev 3 Yr %	Beta 3 Yr %	Tenure	Pass/ Fail	Style Box	Pass/ Fail	Exp Ratio	Pass/ Fail	Sustain. Rating	Commit. Level	Carbon Risk
Balanced																		
American Funds American Balanced R6	RLBGX	Moderate Allocation	-11.83	4.42	5.84	8.59	✓	13.31	0.95	24.01	✓	—	✓	0.25	✓	2	1-Low	Low Risk
<i>percentile rank</i>			24	18	17	5												
<i># of funds in category</i>			758	698	658	495										12-31-2022	02-15-2022	12-31-2022

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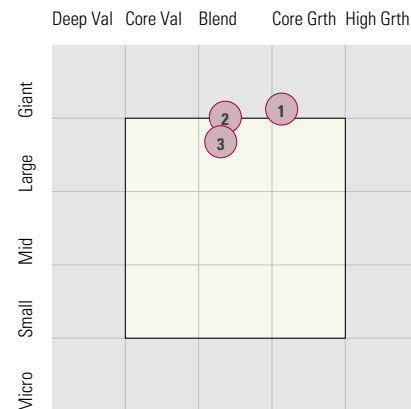
Style Analysis (Data as of 12-31-2022)

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	Vanguard 500 Index Admiral	Large Blend Index	28.67	26.71	44.61	0.33	98.54	1.12	161.35
2	MFS Growth R6	Large Growth	31.86	20.60	47.54	2.83	92.90	4.27	201.36
3	Invesco Diversified Dividend R6	Large Value	29.50	36.42	34.07	2.27	93.72	4.01	122.00
4	Vanguard Mid Cap Index Admiral	Mid-Cap Blend	36.29	23.70	40.00	1.15	97.41	1.44	22.38
5	PGIM Jennison Small Company R6	Small Growth	37.42	24.02	38.56	4.25	89.43	6.31	4.43
6	DFA US Small Cap Value I	Small Value	50.60	10.08	39.30	0.90	96.50	2.53	2.38

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	American Funds New World R6	Diversified Emerging Mkts	40.45	23.60	35.96	36.28	39.06	24.67	60.61	39.39	52.53
2	American Funds Intl Gr and Inc R6	Foreign Large Blend	37.80	26.38	35.82	14.47	28.83	56.70	85.71	14.29	45.50
3	Vanguard Developed Markets Index Admiral	Foreign Large Blend Index	41.39	22.98	35.64	10.76	36.24	53.00	99.43	0.57	27.03

Fixed Income Funds

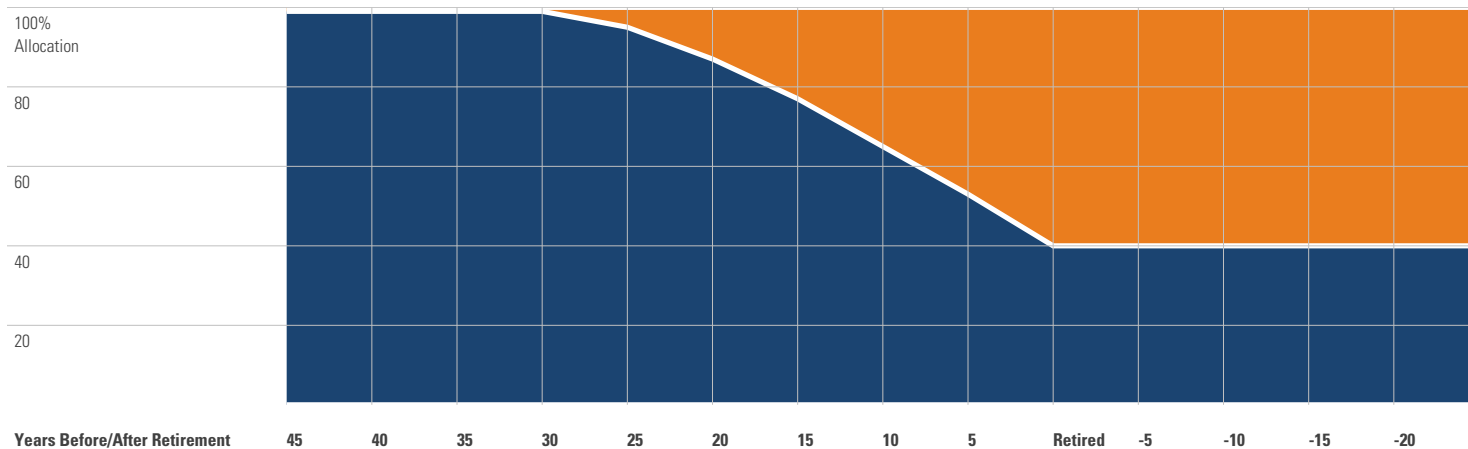
	Category	Super Sectors %				Other Stats		Credit Quality %		
		US Govt Debt	Mtg	US Credit	Non US	Avg Eff Duration	Inv Grade	Below Inv Grade	NR/NA	
1	Vanguard Inflation-Protected Secs Adm	Inflation-Protected Bond	95.86	0.00	0.00	0.00	6.54	95.88	0.00	4.12
2	Baird Aggregate Bond Inst	Intermediate-Term Bond	25.92	25.01	47.20	0.00	6.17	99.70	0.30	0.00
3	PIMCO Income Instl	Multisector Bond	27.36	2.53	12.71	0.00	3.22	71.23	28.78	0.00
4	Lincoln Stable Value Account -LNGPA	Stable Value	-	-	-	0.00	-	0.00	0.00	-
5	Federated Hermes Govt Ultrashort R6	Ultrashort Bond	7.01	31.43	0.00	0.00	0.30	100.00	0.00	0.00

CITY OF VIRGINIA DEFERRED

Target Date Analysis (Data as of 12-31-2022)

Target Date Allocation

● Stocks ● Cash ● Bonds ● Other



Target Date Portfolio Data

Asset Allocation %

	Total Stock	US Stock	Non-US Stock	Total Bond	Infl Prot Bond	HY Bond	Cash	Other	Avg Mkt Cap \$M
BlackRock LifePath® Index 2025 K	45.57	28.45	17.12	53.07	14.22	1.53	1.32	0.05	49.73
BlackRock LifePath® Index 2030 K	58.01	36.12	21.89	40.84	16.27	0.94	1.08	0.06	54.48
BlackRock LifePath® Index 2035 K	69.62	43.27	26.35	29.47	18.27	0.53	0.85	0.06	57.36
BlackRock LifePath® Index 2040 K	80.43	49.91	30.52	18.39	20.87	0.25	1.11	0.07	59.99
BlackRock LifePath® Index 2045 K	90.66	56.28	34.38	8.77	24.22	0.09	0.48	0.09	60.68
BlackRock LifePath® Index 2050 K	96.82	60.05	36.77	2.74	23.33	0.00	0.36	0.09	60.79
BlackRock LifePath® Index 2055 K	98.44	61.05	37.39	1.00	12.23	0.01	0.47	0.09	60.85
BlackRock LifePath® Index 2060 K	98.50	61.02	37.48	1.01	7.53	0.01	0.40	0.09	60.78
BlackRock LifePath® Index 2065 K	98.21	60.74	37.47	1.04	0.00	0.01	0.68	0.09	60.71
BlackRock LifePath® Index Retire K	39.70	24.94	14.76	58.79	13.37	1.82	1.46	0.05	46.47