

LOUISVILLE HIGH SCHOOL EMPLOYEES

Screens Summary (Data as of 12-31-2024)

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	
																	Updated	Updated	Updated
US Stock																			
Vanguard Dividend Growth Inv percentile rank # of funds in category	VDIGX	Large Blend	9.03 98 1,468	3.88 89 1,339	9.42 94 1,232	10.48 79 914	✖	13.84	0.70	2.50	✖	📊	✔	0.29	✔	4	2-Basic	Low Risk	
Vanguard 500 Index Admiral percentile rank # of funds in category	VFIAX	Large Blend Index	24.97 24 1,468	8.89 23 1,339	14.48 21 1,232	13.06 8 914	✔	17.40	1.00	7.09	✔	📊	✔	0.04	✔	3	1-Low	Low Risk	
MFS Growth R6 percentile rank # of funds in category	MFEKX	Large Growth	31.79 38 1,117	7.36 52 1,050	15.07 58 980	15.22 28 762	✔	20.27	0.97	22.76	✔	📊	✔	0.51	✔	3	2-Basic	Low Risk	
Invesco Diversified Dividend R6 percentile rank # of funds in category	LCEFX	Large Value	13.48 60 1,190	6.92 38 1,115	7.97 78 1,058	8.07 72 823	✔	14.69	0.86	8.85	✔	📊	✔	0.47	✔	3	—	Medium Risk	
MFS Mid Cap Growth R6 percentile rank # of funds in category	OTCKX	Mid-Cap Growth	14.79 52 512	0.00 52 496	9.17 51 457	11.60 15 370	✔	20.71	0.90	16.12	✔	📊	✔	0.66	✔	4	2-Basic	Low Risk	
Vanguard Selected Value Inv percentile rank # of funds in category	VASVX	Mid-Cap Value	7.18 83 436	7.53 18 405	10.95 21 384	8.86 28 293	✔	20.81	1.01	19.86	✔	📊	✔	0.43	✔	4	—	Medium Risk	
PGIM Jennison Small Company R6 percentile rank # of funds in category	PJSQX	Small Growth	14.18 47 565	1.37 21 547	11.50 15 530	9.81 32 401	✔	20.37	0.81	11.10	✔	📊	✖	0.69	✔	4	—	Medium Risk	
DFA US Small Cap Value I percentile rank # of funds in category	DFS VX	Small Value	9.57 44 498	7.93 12 474	12.44 12 449	8.61 20 353	✔	23.11	0.96	12.85	✔	📊	✔	0.31	✔	3	—	Medium Risk	
Non-US Stock																			
American Funds New World R6 percentile rank # of funds in category	RNWGX	Diversified Emerging Mkts	6.88 44 794	-0.94 39 714	5.07 16 639	6.57 1 434	✔	15.98	0.79	25.56	✔	📊	✔	0.57	✔	3	1-Low	Medium Risk	
American Funds Intl Gr and Inc R6 percentile rank # of funds in category	RIGGX	Foreign Large Blend	3.68 64 771	0.60 58 705	3.94 68 668	4.72 65 442	✔	16.37	0.98	16.26	✔	📊	✔	0.54	✔	3	1-Low	Low Risk	
Invesco Oppenheimer International Gr R6 percentile rank # of funds in category	OIGIX	Foreign Large Growth	-1.41 91 390	-4.45 64 371	3.45 65 340	4.80 74 215	✔	21.62	1.22	12.77	✔	📊	✔	0.73	✔	3	—	Low Risk	
Vanguard International Value Inv percentile rank # of funds in category	VTRIX	Foreign Large Value	1.04 86 380	1.21 83 353	4.06 66 326	4.61 40 225	✔	17.15	0.97	14.61	✔	📊	✖	0.39	✔	3	—	Medium Risk	
American Funds Capital World Gr&Inc R6 percentile rank # of funds in category	RWIGX	Global Stock	14.26 50 338	4.75 47 322	8.91 48 304	8.57 49 199	✔	16.35	0.97	18.93	✔	—	✔	0.41	✔	2	1-Low	Low Risk	

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			Trailing Performance and Risk							Management			Style		Expense		ESG Metrics		
Name	Ticker	Asset Class	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>	
Alternative																			
PIMCO Commodity Real Ret Strat Instl	PCRIX	Commodities Broad Basket	4.69	1.82	7.27	1.86	✔	16.37	1.10	6.17	✔	—	—	1.00	✔	3	—	—	
percentile rank			75	95	47	55													
# of funds in category			111	103	98	67										11-30-2024	—	—	
Vanguard Real Estate Index Admiral	VGSIX	Real Estate	4.92	-4.69	2.99	5.06	✔	21.84	1.03	28.65	✔	—	✔	0.13	✔	3	1-Low	Low Risk	
percentile rank			66	62	64	52													
# of funds in category			229	219	203	150										11-30-2024	02-15-2022	12-31-2022	
Fixed Income																			
PIMCO International Bond (USD-Hdg) Instl	PFORX	Global Bond	5.68	1.42	1.72	2.93	✔	5.15	0.56	10.27	✔	—	—	0.75	✔	4	—	—	
percentile rank			8	3	4	3													
# of funds in category			119	114	98	60										11-30-2024	—	—	
Eaton Vance Income Fund of Boston R6	EIBRX	High Yield Bond	7.44	3.55	4.34	4.92	✔	7.94	0.92	10.17	✔	—	—	0.66	✔	—	—	—	
percentile rank			56	25	26	18													
# of funds in category			642	596	555	433										—	—	—	
Vanguard Inflation-Protected Secs Adm	VAIPX	Inflation-Protected Bond	1.86	-2.33	1.79	2.12	✔	7.21	0.99	3.15	✔	—	—	0.10	✔	3	—	—	
percentile rank			55	37	45	36													
# of funds in category			158	150	141	104										11-30-2024	—	—	
Baird Aggregate Bond Inst	BAGIX	Intermediate-Term Bond	1.85	-2.07	0.11	1.76	✔	7.95	1.01	24.27	✔	⚠	—	0.30	✔	4	1-Low	—	
percentile rank			34	28	27	18													
# of funds in category			542	482	434	294										11-30-2024	02-15-2022	—	
PIMCO Income Instl	PIMIX	Multisector Bond	5.42	2.04	2.89	4.27	✔	6.72	0.82	17.77	✔	—	—	0.83	✔	4	—	—	
percentile rank			62	25	29	5													
# of funds in category			372	341	297	204										11-30-2024	—	—	
Federated Hermes Govt Ultrashort R6	FGULX	Ultrashort Bond	5.68	3.72	2.51	—	✔	0.93	0.07	27.50	✔	—	—	0.24	✔	—	—	—	
percentile rank			48	61	64	—													
# of funds in category			255	203	185	112										—	—	—	
Target Date																			
Vanguard Target Retirement 2020 Fund	VTWNX	Target Date	7.75	1.34	4.75	5.58	✔	10.27	0.85	11.86	✔	—	✔	0.08	✔	3	1-Low	—	
percentile rank			48	43	43	37													
# of funds in category			164	147	132	80										11-30-2024	02-15-2022	—	
Vanguard Target Retirement 2025 Fund	VTTVX	Target Date	9.44	1.92	5.66	6.32	✔	11.82	0.92	11.86	✔	—	✔	0.08	✔	3	1-Low	Low Risk	
percentile rank			12	16	23	17													
# of funds in category			218	202	175	115										11-30-2024	02-15-2022	12-31-2022	
Vanguard Target Retirement 2030 Fund	VTHRX	Target Date	10.64	2.44	6.44	6.92	✔	12.87	0.93	11.86	✔	—	✔	0.08	✔	3	1-Low	Low Risk	
percentile rank			15	17	26	24													
# of funds in category			252	233	201	135										11-30-2024	02-15-2022	12-31-2022	
Vanguard Target Retirement 2035 Fund	VTTTHX	Target Date	11.78	2.97	7.20	7.51	✔	13.65	0.93	11.86	✔	—	✔	0.08	✔	3	1-Low	Low Risk	
percentile rank			26	19	37	39													
# of funds in category			247	224	194	134										11-30-2024	02-15-2022	12-31-2022	

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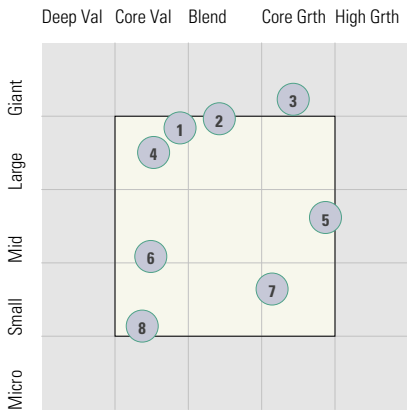
Name	Ticker	Asset Class	Trailing Performance and Risk							Management		Style	Expense		ESG Metrics			
			1 Yr	3 Yr	5 Yr	10 Yr	Pass/ Fail	Std Dev 3 Yr %	Beta 3 Yr %	Tenure	Pass/ Fail	Style Box	Pass/ Fail	Exp Ratio	Pass/ Fail	Sustain. Rating	Commit. Level	Carbon Risk
																Updated	Updated	Updated
Vanguard Target Retirement 2040 Fund <i>percentile rank</i> <i># of funds in category</i>	VFORX	Target Date	12.88 45 246	3.51 29 228	7.97 47 196	8.08 42 135	✔	14.42	0.93	11.86	✔	—	✔	0.08	✔	3	1-Low	Low Risk
Vanguard Target Retirement 2045 Fund <i>percentile rank</i> <i># of funds in category</i>	VTIVX	Target Date	13.91 54 242	4.00 27 224	8.73 38 194	8.57 31 134	✔	15.22	0.95	11.86	✔	—	✔	0.08	✔	3	1-Low	Low Risk
Vanguard Target Retirement 2050 Fund <i>percentile rank</i> <i># of funds in category</i>	VFIX	Target Date	14.64 41 244	4.37 21 226	9.03 34 196	8.72 30 135	✔	15.63	0.96	11.86	✔	—	✔	0.08	✔	3	1-Low	Low Risk
Vanguard Target Retirement 2055 Fund <i>percentile rank</i> <i># of funds in category</i>	VFFVX	Target Date	14.64 46 241	4.37 26 223	9.02 38 193	8.70 34 129	✔	15.64	0.96	11.86	✔	—	✔	0.08	✔	3	1-Low	Low Risk
Vanguard Target Retirement 2060 Fund <i>percentile rank</i> <i># of funds in category</i>	VITSX	Target Date	14.63 47 239	4.38 26 221	9.02 45 186	8.70 50 51	✔	15.63	1.22	11.86	✔	—	✔	0.08	✔	3	1-Low	Low Risk
Vanguard Target Retirement 2065 Fund <i>percentile rank</i> <i># of funds in category</i>	VLXVX	Target Date	14.62 49 244	4.39 31 177	9.01 51 64	— — —	✔	15.61	1.22	7.48	✔	—	✔	0.08	✔	3	1-Low	Low Risk
Vanguard Target Retirement 2070 Fund <i>percentile rank</i> <i># of funds in category</i>	VSVNX	Target Date	14.59 51 244	— — 177	— — 64	— — —	—	—	—	2.51	✖	—	✔	0.08	✔	3	—	Low Risk
Vanguard Target Retirement Income Fund <i>percentile rank</i> <i># of funds in category</i>	VTINX	Target Date	6.58 54 187	0.98 36 170	3.58 50 148	4.19 40 106	✔	8.85	0.94	11.86	✔	—	✔	0.08	✔	4	1-Low	—
Balanced																		
American Funds American Balanced R6 <i>percentile rank</i> <i># of funds in category</i>	RLBGX	Moderate Allocation	15.30 14 736	5.15 11 696	8.47 16 652	8.47 9 495	✔	11.99	0.96	26.02	✔	—	✔	0.25	✔	3	1-Low	Low Risk

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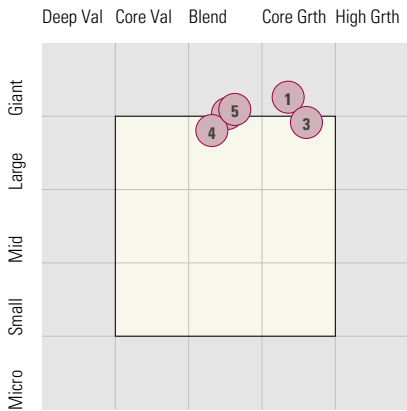
Style Analysis (Data as of 12-31-2024)

Style Analysis

Morningstar Style Box US Stock



Morningstar Style Box Non-US Stock



US Stock Funds			Super Sectors %			Asset Allocation %					
		Category	Cyclical	Defensive	Sensitive	Cash	US Stock	Foreign	Avg Mkt Cap M\$		
1	Vanguard Dividend Growth Inv	Large Blend	33.30	32.40	34.29	2.20	90.61	7.19	221.96		
2	Vanguard 500 Index Admiral	Large Blend Index	28.32	18.14	53.53	0.10	99.34	0.56	362.38		
3	MFS Growth R6	Large Growth	27.50	10.15	62.35	0.42	97.41	2.17	510.11		
4	Invesco Diversified Dividend R6	Large Value	34.44	28.43	37.13	1.01	90.07	8.92	135.69		
5	MFS Mid Cap Growth R6	Mid-Cap Growth	29.60	13.66	56.74	1.11	91.54	7.35	30.27		
6	Vanguard Selected Value Inv	Mid-Cap Value	50.07	16.78	33.14	5.25	83.02	11.72	10.91		
7	PGIM Jennison Small Company R6	Small Growth	45.02	18.04	36.95	2.82	88.91	8.27	6.08		
8	DFA US Small Cap Value I	Small Value	53.18	10.20	36.61	0.51	97.75	1.74	3.55		

Non-US Stock Funds			Super Sectors %			Regional Exposure %			Market Maturity %		
		Category	Cyclical	Defensive	Sensitive	Americas	Greater Asia	Greater Europe	Developed	EM%	Avg Mkt Cap M\$
1	American Funds New World R6	Diversified Emerging Mkts	40.46	19.44	40.09	31.83	45.97	22.21	54.30	45.70	80.24
2	American Funds Intl Gr and Inc R6	Foreign Large Blend	36.43	21.80	41.76	12.63	29.98	57.38	86.75	13.25	57.70
3	Invesco Oppenheimer International Gr R6	Foreign Large Growth	27.21	25.48	47.30	14.37	20.19	65.43	93.88	6.12	53.08
4	Vanguard International Value Inv	Foreign Large Value	43.10	17.61	39.31	10.95	39.95	49.11	80.11	19.89	34.15
5	American Funds Capital World Gr&Inc R6	Global Stock	29.70	22.24	48.06	57.18	15.31	27.52	94.16	5.84	148.43

Fixed Income Funds			Super Sectors %				Other Stats		Credit Quality %		
		Category	US Govt Debt	Mtg	US Credit	Non US	Avg Eff Duration		Inv Grade	Below Inv Grade	NR/NA
1	PIMCO International Bond (USD-Hdg) Instl	Global Bond	45.51	10.28	4.38	0.00	6.39		96.17	3.83	0.00
2	Eaton Vance Income Fund of Boston R6	High Yield Bond	0.00	0.00	87.24	0.00	3.13		2.46	94.67	2.87
3	Vanguard Inflation-Protected Secs Adm	Inflation-Protected Bond	97.08	0.00	0.00	0.00	6.70		97.69	0.00	2.31
4	Baird Aggregate Bond Inst	Intermediate-Term Bond	28.07	21.85	43.22	0.00	6.08		99.80	0.20	0.00
5	PIMCO Income Instl	Multisector Bond	28.82	16.21	10.66	0.00	3.28		87.20	12.80	0.00
6	Federated Hermes Govt Ultrashort R6	Ultrashort Bond	7.66	69.83	0.00	0.00	0.69		100.00	0.00	0.00

LOUISVILLE HIGH SCHOOL EMPLOYEES

Target Date Analysis (Data as of 12-31-2024)

Target Date Allocation



Target Date Portfolio Data

	Asset Allocation %								Avg Mkt Cap \$M
	Total Stock	US Stock	Non-US Stock	Total Bond	Infl Prot Bond	HY Bond	Cash	Other	
Vanguard Target Retirement 2020 Fund	35.67	21.53	14.14	59.81	16.91	0.23	4.44	0.07	96.21
Vanguard Target Retirement 2025 Fund	49.71	30.25	19.46	46.58	10.93	0.20	3.64	0.06	97.11
Vanguard Target Retirement 2030 Fund	59.69	36.96	22.73	37.13	0.00	0.17	3.12	0.07	99.12
Vanguard Target Retirement 2035 Fund	67.04	41.42	25.62	30.02	0.00	0.14	2.86	0.08	98.84
Vanguard Target Retirement 2040 Fund	74.26	46.02	28.24	23.16	0.00	0.11	2.51	0.07	99.20
Vanguard Target Retirement 2045 Fund	81.89	50.60	31.29	15.75	0.00	0.08	2.28	0.07	98.87
Vanguard Target Retirement 2050 Fund	88.42	54.59	33.83	9.43	0.00	0.05	2.09	0.07	98.77
Vanguard Target Retirement 2055 Fund	88.40	54.54	33.86	9.50	0.00	0.05	2.04	0.07	98.68
Vanguard Target Retirement 2060 Fund	88.34	54.25	34.09	9.43	0.00	0.05	2.17	0.07	98.15
Vanguard Target Retirement 2065 Fund	88.23	53.46	34.77	9.43	0.00	0.05	2.27	0.07	96.64
Vanguard Target Retirement 2070 Fund	88.52	54.03	34.49	9.70	0.00	0.05	1.70	0.07	97.47
Vanguard Target Retirement Income Fund	28.64	17.28	11.36	66.48	19.17	0.25	4.81	0.06	96.17