

# H AND M BAY INC CORPORATE PROFIT

## 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	
																Updated	Updated	Updated
<b>US Stock</b>																		
Vanguard Dividend Growth Inv	VDIGX	Large Blend	-4.88	9.99	11.79	12.96	✔️	18.06	0.81	16.92	✔️	🇺🇸	✔️	0.27	✔️	4	2-Basic	Low Risk
percentile rank			2	4	2	5												
# of funds in category			1,379	1,247	1,137	837												
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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
percentile rank			52	33	25	13												
# of funds in category			1,379	1,247	1,137	837												
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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
percentile rank			58	65	32	24												
# of funds in category			1,237	1,133	1,056	807												
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Invesco Growth and Income R6	GIFFX	Large Value	-5.59	7.81	6.50	10.59	✔️	24.39	1.11	19.85	✔️	🇺🇸	✔️	0.41	✔️	2	-	Medium Risk
percentile rank			48	36	68	41												
# of funds in category			1,233	1,161	1,105	825												
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MFS Mid Cap Growth R6	OTCKX	Mid-Cap Growth	-28.29	3.59	9.19	-	✔️	23.07	0.90	14.12	✔️	🇺🇸	✔️	0.66	✔️	5	2-Basic	Low Risk
percentile rank			60	59	20	-												
# of funds in category			592	540	505	395												
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Vanguard Mid-Cap Value Index Admiral	VMVAX	Mid-Cap Value	-7.90	6.74	6.39	10.98	✔️	24.01	0.96	16.38	✔️	🇺🇸	✔️	0.07	✔️	4	1-Low	Medium Risk
percentile rank			47	50	40	13												
# of funds in category			407	395	374	274												
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State St Russell Sm Cap® Gr Indx NL Cl C		Small Growth	-26.49	0.43	3.34	9.07	✔️	26.57	1.00	13.33	✔️	🇺🇸	✔️	0.05	✔️	2	-	Medium Risk
percentile rank			45	84	88	78												
# of funds in category			604	576	534	405												
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State St Russell Sm Cp® Val Indx NL Cl C		Small Value	-14.57	4.77	4.15	8.46	✔️	27.47	0.99	13.33	✔️	🇺🇸	✔️	0.05	✔️	2	-	Medium Risk
percentile rank			85	75	62	55												
# of funds in category			483	455	428	324												
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<b>Non-US Stock</b>																		
American Funds New World R6	RNWGX	Diversified Emerging Mkts	-21.75	1.01	3.04	4.98	✔️	20.37	0.90	23.56	✔️	🇺🇸	✔️	0.57	✔️	3	1-Low	Medium Risk
percentile rank			58	17	3	2												
# of funds in category			820	736	652	397												
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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
percentile rank			44	56	22	48												
# of funds in category			763	723	630	440												
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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
percentile rank			47	28	35	20												
# of funds in category			763	723	630	440												
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Vanguard International Value Inv	VTRIX	Foreign Large Value	-11.66	1.30	1.36	4.31	✔️	21.95	1.04	12.60	✔️	🇺🇸	✔️	0.36	✔️	2	-	Medium Risk
percentile rank			75	40	27	25												
# of funds in category			356	326	303	180												
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American Funds Capital World Gr&Inc R6	RWIGX	Global Stock	-17.01	3.43	4.61	7.94	✔️	19.70	0.96	16.92	✔️	---	✔️	0.42	✔️	2	1-Low	Low Risk
percentile rank			44	60	60	54												
# of funds in category			370	340	290	180												

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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	Sustain. Rating	Commit. Level	Carbon Risk	
																Updated	Updated	Updated
<b>Alternative</b>																		
PIMCO Commodity Real Ret Strat Instl	PCRIX	Commodities Broad Basket	8.85	13.57	7.23	-1.44	✔	22.31	1.17	4.17	✔	—	—	0.76	✔	3	—	—
<i>percentile rank</i>			91	49	36	71												
<i># of funds in category</i>			114	109	91	65									12-31-2022	—	—	
Vanguard Real Estate Index Admiral	VGSLX	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									12-31-2022	02-15-2022	12-31-2022	
<b>Fixed Income</b>																		
PIMCO International Bond (USD-Hdg) Instl	PFORX	Global Bond	-9.84	-2.00	0.72	2.61	✔	4.88	0.64	8.27	✔	—	—	0.51	✔	3	—	—
<i>percentile rank</i>			14	13	5	1												
<i># of funds in category</i>			130	112	98	59									12-31-2022	—	—	
Eaton Vance Income Fund of Boston R6	EIBRX	High Yield Bond	-7.84	0.88	2.62	—	✔	10.30	0.91	8.16	✔	—	—	0.66	✔	—	—	—
<i>percentile rank</i>			20	22	17	—												
<i># of funds in category</i>			687	630	584	417												
BlackRock Inflation Protected Bond K	BPLBX	Inflation-Protected Bond	-11.47	1.56	2.18	1.05	✔	7.27	1.03	5.88	✔	—	—	0.30	✔	3	—	—
<i>percentile rank</i>			47	36	31	34												
<i># of funds in category</i>			217	204	195	138									09-30-2022	—	—	
Baird Aggregate Bond Inst	BAGIX	Intermediate-Term Bond	-13.35	-2.48	0.25	1.49	✔	6.23	1.05	22.27	✔	📊	—	0.30	✔	3	1-Low	—
<i>percentile rank</i>			49	31	22	9												
<i># of funds in category</i>			471	423	389	289									12-31-2022	02-15-2022	—	
PIMCO Income Instl	PIMIX	Multisector Bond	-7.81	0.03	1.69	4.00	✔	7.35	0.92	15.77	✔	—	—	0.51	✔	—	—	—
<i>percentile rank</i>			23	25	20	1												
<i># of funds in category</i>			344	295	258	152												
Lincoln Stable Value Account -LNGPA		Stable Value	—	—	—	—	—	—	—	39.69	✔	—	—	—	—	—	—	—
<i>percentile rank</i>			—	—	—	—												
<i># of funds in category</i>			42	—	—	—												
Federated Hermes Govt Ultrashort R6	FGULX	Ultrashort Bond	0.45	0.63	1.19	—	✔	0.59	0.06	25.49	✔	—	—	0.24	✔	—	—	—
<i>percentile rank</i>			38	44	60	—												
<i># of funds in category</i>			237	218	180	107												
<b>Target Date</b>																		
Vanguard Target Retirement 2020 Fund	VTWNX	Target Date	-14.15	1.33	3.22	5.83	✔	11.48	0.91	9.86	✔	—	✔	0.08	✔	3	1-Low	—
<i>percentile rank</i>			39	55	44	29												
<i># of funds in category</i>			153	143	122	56									12-31-2022	02-15-2022	—	
Vanguard Target Retirement 2025 Fund	VTVX	Target Date	-15.55	1.66	3.58	6.43	✔	13.38	0.96	9.86	✔	—	✔	0.08	✔	3	1-Low	Low Risk
<i>percentile rank</i>			52	46	39	18												
<i># of funds in category</i>			239	214	185	117									12-31-2022	02-15-2022	12-31-2022	
Vanguard Target Retirement 2030 Fund	VTHRX	Target Date	-16.27	2.09	3.94	6.99	✔	14.76	0.96	9.86	✔	—	✔	0.08	✔	3	1-Low	Low Risk
<i>percentile rank</i>			44	51	45	25												
<i># of funds in category</i>			241	214	185	110									12-31-2022	02-15-2022	12-31-2022	

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

Fund Removed from Approved List Fund on Watch List

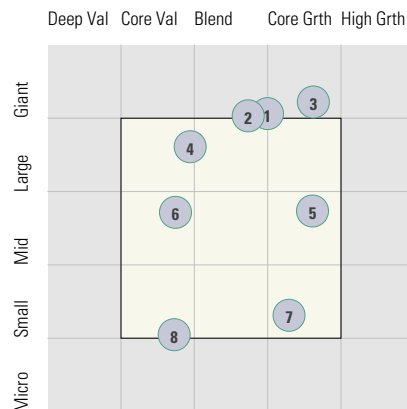
Name	Ticker	Asset Class	Trailing Performance and Risk				Management			Style		Expense		ESG Metrics						
			1 Yr	3 Yr	5 Yr	10 Yr	Pass/ Fail	Std Dev 3 Yr %	Beta 3 Yr %	Tenure	Pass/ Fail	Style Box	Pass/ Fail	Exp Ratio	Pass/ Fail	Sustain. Rating	Commit. Level	Carbon Risk		
														Updated	Updated	Updated				
Vanguard Target Retirement 2035 Fund	VTHX	Target Date	-16.62	2.64	4.34	7.57		16.04	0.95	9.86		—		0.08		3	1-Low	Low Risk		
percentile rank			37	55	49	29												12-31-2022	02-15-2022	12-31-2022
# of funds in category			232	207	182	114														
Vanguard Target Retirement 2040 Fund	VFORX	Target Date	-16.98	3.17	4.74	8.06		17.33	0.94	9.86		—		0.08		3	1-Low	Low Risk		
percentile rank			36	50	45	26												12-31-2022	02-15-2022	12-31-2022
# of funds in category			236	208	185	110														
Vanguard Target Retirement 2045 Fund	VTIVX	Target Date	-17.36	3.74	5.14	8.34		18.64	0.97	9.86		—		0.08		3	1-Low	Low Risk		
percentile rank			31	37	34	21												12-31-2022	02-15-2022	12-31-2022
# of funds in category			232	207	182	113														
Vanguard Target Retirement 2050 Fund	VFIFX	Target Date	-17.46	3.80	5.18	8.36		18.82	0.96	9.86		—		0.08		3	1-Low	Low Risk		
percentile rank			29	36	37	22												12-31-2022	02-15-2022	12-31-2022
# of funds in category			233	208	185	109														
Vanguard Target Retirement 2055 Fund	VFFVX	Target Date	-17.46	3.79	5.18	8.34		18.83	0.95	9.86		—		0.08		3	1-Low	Low Risk		
percentile rank			24	38	39	25												12-31-2022	02-15-2022	12-31-2022
# of funds in category			230	205	182	95														
Vanguard Target Retirement 2060 Fund	VTTSX	Target Date	-17.46	3.79	5.18	8.34		18.81	1.35	9.86		—		0.08		3	1-Low	Low Risk		
percentile rank			25	43	46	1												12-31-2022	02-15-2022	12-31-2022
# of funds in category			228	198	171	1														
Vanguard Target Retirement 2065 Fund	VLXVX	Target Date	-17.39	3.78	5.15	—		18.82	1.35	5.47		—		0.08		3	1-Low	Low Risk		
percentile rank			16	47	49	—												12-31-2022	02-15-2022	12-31-2022
# of funds in category			176	64	15	—														
Vanguard Target Retirement 2070 Fund	VSVNX	Target Date	—	—	—	—	—	—	—	0.51		—		0.08		3	—	Low Risk		
percentile rank			—	—	—	—												12-31-2022	—	12-31-2022
# of funds in category			176	64	15	—														
Vanguard Target Retirement Income Fund	VTINX	Target Date	-12.74	0.34	2.30	3.62		8.59	0.88	9.86		—		0.08		3	1-Low	—		
percentile rank			54	38	36	40												12-31-2022	02-15-2022	—
# of funds in category			178	161	142	96														
<b>Balanced</b>																				
Vanguard LifeStrategy Cnsvr Gr Inv	VSCGX	Target Risk	-14.99	0.18	2.45	4.44		10.44	1.02	0.85		—		0.12		3	1-Low	—		
percentile rank			78	68	45	31												12-31-2022	02-15-2022	—
# of funds in category			467	433	406	300														
Vanguard LifeStrategy Growth Inv	VASGX	Target Risk	-17.09	3.06	4.64	7.60		17.09	1.02	0.85		—		0.14		3	1-Low	Low Risk		
percentile rank			63	60	43	34												12-31-2022	02-15-2022	12-31-2022
# of funds in category			322	296	279	224														
Vanguard LifeStrategy Income Inv	VASIX	Target Risk	-13.93	-1.45	1.20	2.77		7.50	0.99	0.85		—		0.11		4	1-Low	—		
percentile rank			85	84	64	42												12-31-2022	02-15-2022	—
# of funds in category			142	128	125	90														
Vanguard LifeStrategy Moderate Gr Inv	VSMGX	Target Risk	-16.00	1.65	3.58	6.05		13.71	0.99	0.85		—		0.13		3	1-Low	Low Risk		
percentile rank			66	79	64	55												12-31-2022	02-15-2022	12-31-2022
# of funds in category			758	698	658	495														

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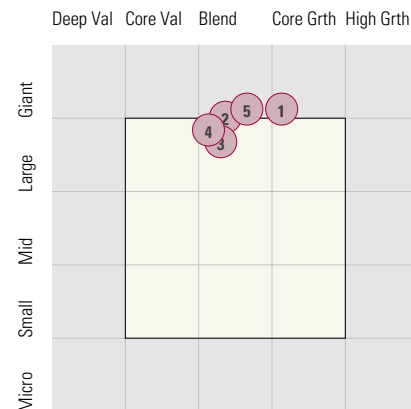
## Style Analysis (Data as of 12-31-2022)

### 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 Dividend Growth Inv	Large Blend	34.24	34.55	31.20	2.97	87.92	9.11	156.30
2	Vanguard 500 Index Admiral	Large Blend Index	28.67	26.71	44.61	0.33	98.54	1.12	161.35
3	MFS Growth R6	Large Growth	31.86	20.60	47.54	2.83	92.90	4.27	201.36
4	Invesco Growth and Income R6	Large Value	34.71	26.53	38.75	1.95	89.30	8.75	85.02
5	MFS Mid Cap Growth R6	Mid-Cap Growth	34.43	19.92	45.64	2.06	87.01	10.93	20.71
6	Vanguard Mid-Cap Value Index Admiral	Mid-Cap Value	43.78	28.95	27.26	0.41	97.96	1.63	21.77
7	State St Russell Sm Cap® Gr Indx NL CI C	Small Growth	22.71	29.84	47.46	0.92	97.19	1.90	2.51
8	State St Russell Sm Cp® Val Indx NL CI C	Small Value	53.43	19.23	27.35	0.33	98.10	1.57	1.82

#### 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
4	Vanguard International Value Inv	Foreign Large Value	43.79	16.66	39.54	9.51	40.34	50.14	79.78	20.22	28.83
5	American Funds Capital World Gr&Inc R6	Global Stock	31.28	27.78	40.94	56.46	18.25	25.29	91.05	8.95	88.68

#### 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	PIMCO International Bond (USD-Hdg) Instl	Global Bond	40.62	2.82	6.35	0.00	6.67	94.31	5.70	0.00
2	Eaton Vance Income Fund of Boston R6	High Yield Bond	0.00	0.00	92.59	0.00	4.16	3.49	90.82	5.68
3	BlackRock Inflation Protected Bond K	Inflation-Protected Bond	83.52	0.00	1.92	0.00	0.03	97.74	0.14	2.12
4	Baird Aggregate Bond Inst	Intermediate-Term Bond	25.92	25.01	47.20	0.00	6.17	99.70	0.30	0.00
5	PIMCO Income Instl	Multisector Bond	27.36	2.53	12.71	0.00	3.22	71.23	28.78	0.00
6	Lincoln Stable Value Account -LNGPA	Stable Value	-	-	-	0.00	-	0.00	0.00	-
7	Federated Hermes Govt Ultrashort R6	Ultrashort Bond	7.01	31.43	0.00	0.00	0.30	100.00	0.00	0.00

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## 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
Vanguard Target Retirement 2020 Fund	41.82	24.85	16.97	54.88	15.54	0.18	3.27	0.03	57.23
Vanguard Target Retirement 2025 Fund	54.03	31.84	22.19	42.94	6.25	0.15	2.99	0.03	56.84
Vanguard Target Retirement 2030 Fund	62.61	36.80	25.81	34.55	0.00	0.13	2.80	0.04	56.72
Vanguard Target Retirement 2035 Fund	69.63	40.88	28.75	27.40	0.00	0.10	2.93	0.04	56.67
Vanguard Target Retirement 2040 Fund	76.99	45.29	31.70	20.13	0.00	0.08	2.84	0.03	56.76
Vanguard Target Retirement 2045 Fund	84.31	49.69	34.62	12.96	0.00	0.05	2.69	0.04	56.84
Vanguard Target Retirement 2050 Fund	88.00	51.89	36.11	9.33	0.00	0.04	2.64	0.04	56.87
Vanguard Target Retirement 2055 Fund	87.93	51.89	36.04	9.30	0.00	0.04	2.73	0.04	56.90
Vanguard Target Retirement 2060 Fund	87.82	51.88	35.94	9.27	0.00	0.04	2.86	0.04	56.95
Vanguard Target Retirement 2065 Fund	87.85	52.34	35.51	9.12	0.00	0.04	2.99	0.04	57.35
Vanguard Target Retirement 2070 Fund	88.29	53.23	35.06	9.78	0.00	0.04	1.89	0.04	57.92
Vanguard Target Retirement Income Fund	28.79	16.96	11.83	67.58	19.62	0.20	3.60	0.02	56.82