Active GEM Funds Positioning Insights & Investment Trends June 2024



Active GEM Funds Positioning Insights & Investment Trends

Jun<u>e 2024</u>

In this month's report, we look at positioning in the 3 recent election markets of Mexico, South Africa and India, highlight the largest country/sector underweight in EM, a recovery in Turkish Financials and a drop in South Korean Materials Exposure.

 Mexico: GEM Funds Wrong-Footed after Election Results. Active GEM managers' overweight exposure to Mexico ahead of election proved costly, with 69% overweight and Banorte becoming crowded.

• South Africa: Growing Investor Apathy. Investor apathy drives South Africa's average fund weights down to 2.62%, with 14.2% of funds avoiding investment entirely.

• India: Record Exposure Gives Rise to Caution. Despite record MSCI India highs, valuations keep India as a significant underweight at -2.44% versus the benchmark.

• Turkish Financials: Recovery in Play. Turkish Financials see a 6% increase in funds invested, reversing a 13-year downward trend, but overall exposure remains low.

• South Korean Materials: New Lows After Further Rotation. Average fund weights in South Korean Materials hit new lows, driven by declining POSCO and LG Chem holdings.

• Taiwan Financials: Contrarian's Dream. Unloved, underweight and underowned. Taiwan Financials are EM's largest country/sector underweight.

For further information on our data collection and calculation methodology, as well as how we classify fund Styles, please view the Appendices at the back of this report.

Copley Fund Research June 18, 2024 Steven Holden steven.holden@copleyfundresearch.com



Mexico: GEM Funds Wrong Footed after Election Results

Active GEM managers were caught off guard with their exposure to Mexico heading into the election. Mexico had been the beneficiary of increased inflows and exposure over the past 3-4 years, as illustrated in charts 1-4. Specifically, the percentage of funds invested has reached an all-time hiah of 94.6%, and the average Mexican holding weight has climbed to the top of the 15-year range at 3.93%. However, Mexico's positioning against the benchmark is where it truly stands out. The percentage of active EM funds overweight the benchmark has risen steadily from about 20% in 2011 to just over 69% last month. During the same period, average Mexican weights have shifted from approximately -1% underweight to nearly +1.43% overweight compared to the iShares MSCI Emerging Markets ETF. Charts 7 and 8 compare these relative measures to other countries, with Mexico being the largest overweight by average fund weight and the second most common overweight after Indonesia.

At the stock level, the companies driving the current Mexican investment picture are shown in charts 5 and 6. Grupo Financiero Banorte is the most widely held stock, owned by 58.2% of funds at an average weight of 0.78%, followed by Wal-Mart de Mexico at 43.75% and 0.58%. Chart 6 ranks stocks by the size of the over/underweight. Grupo Financiero Banorte and Wal-Mart de Mexico are the main contributors to the net Mexican overweight, while managers are underweight in America Movil and Grupo Financiero Inbursa. Chart 9 highlights stock-level activity, with managers increasing their exposure to Grupo Financiero Banorte over the last 6 months, as 4,26% of funds initiated positions in the stock. This arguably crowded positioning in Banorte has led to some of the biggest stock price declines since the early June elections. The next page provides a summary of fund-level ownership and activity for Mexico and Mexican stocks...

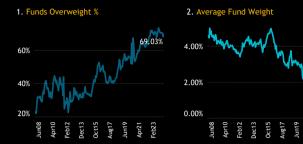
Average Weight	Average Weight vs EEM	Funds Invested %	Funds O/W %	Fund AUM, \$	Q-1
3.93%	1.43%	94.6%	69.03%	\$16,570M	CE

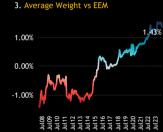
7: Average Fund Weight vs EEM per Country

As of 5/31/2024

Mexico					1.43%	(
Argentina					1.41%	
Brazil					1.27%	
United States					0.97%	
Indonesia					0.88%	
United Kingdom					0.78%	
Netherlands					0.51%	
Vietnam					0.46%	
Cayman Islands					0.42%	
Canada					0.37%	
Singapore					0.35%	
United Arab Emirates				-0.18%		
South Africa				-0.24%		
Qatar			-0.	59%		
South Korea			-0.	60%		
Kuwait			-0.6	8%		
Malaysia			-0.7	1%		
Taiwan	-2	2.37%				
Saudi Arabia	-2	.41%				
India	-2	.44%				
China & HK	-3.22%					

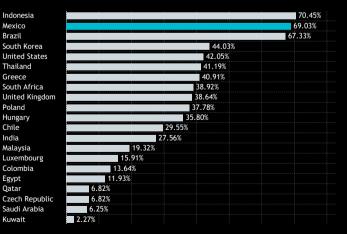
Source: Factset, Copley Fund Research







8: Percentage of Funds Overweight per Country As of 5/31/2024



4. Funds Invested %

94.60%

95%

909

5. Aggregate Stock Ownership Metrics, Ranked by Most Widely Held As of 5/31/2024

Ticker	Stock Name	Funds Invested %	Average Weight %	Average Weight vs	Fund AUM \$
GFNORTEO-MX	Grupo Financiero Banorte SA	58.24%	0.78%	0.46%	\$3,118M
WALMEX-MX	Wal-Mart de Mexico SAB de CV	43.75%	0.58%	0.31%	\$2,615M
FEMSAUBD-MX	Fomento Economico Mexican	26.14%	0.36%	0.05%	\$1,769M
AC-MX	Arca Continental SAB de CV	21.02%	0.16%	0.09%	\$555M
CEMEXCPO-MX	Cemex SAB de CV Cert Part O	18.75%	0.11%		\$516M
GMEXICOB-MX	Grupo Mexico S.A.B. de C.V	17.61%	0.22%		\$2,375M
GAPB-MX	Grupo Aeroportuario del Paci	15.34%	0.14%	0.04%	\$759M
KIMBERA-MX	Kimberly-Clark de Mexico SA	15.06%	0.10%	0.06%	\$345M
ASURB-MX	Grupo Aeroportuario del Sure	14.77%	0.08%		\$155M
FUNO11-MX	Fibra Uno Administracion SA	13.07%	0.06%		\$323M
VESTA-MX	Corporacion Inmobiliaria Vest	12.78%	0.09%	0.09%	\$227M
GRUMAB-MX	Gruma SAB de CV Class B	11.93%	0.10%	0.05%	\$340M

6. Aggregate Stock Ownership Metrics, Top Overweights & Underweights As of 5/31/2024

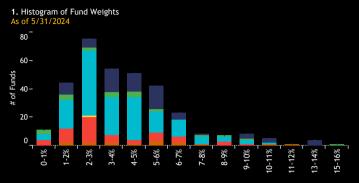
Ticker	Stock Name	Average Weight vs	Funds Invested %	Average Weight %	Fund AUM \$
GFNORTEO-MX	Grupo Financiero Banorte SA	0.46%	58.24%	0.78%	\$3,118M
WALMEX-MX	Wal-Mart de Mexico SAB de CV	0.31%	43.75%	0.58%	\$2,615M
TX-US	Ternium S.A. Sponsored ADR	0.09%	9.66%	0.09%	\$132M
VESTA-MX	Corporacion Inmobiliaria Vest	0.09%	12.78%	0.09%	\$227M
Q-MX	Qualitas Controladora S.A.B	0.09%	7.10%	0.09%	\$214M
CEMEXCPO-MX	Cemex SAB de CV Cert Part O		18.75%	0.11%	\$516M
BIMBOA-MX	Grupo Bimbo SAB de CV Class A		3.69%	0.01%	\$11M
GCARSOA1-MX	Grupo Carso SAB de CV Class		1.14%	0.00%	\$3M
GFINBURO-MX	Grupo Financiero Inbursa SAB		2.27%	0.00%	\$10M
AMXB-MX	America Movil SAB de CV Clas		9.38%	0.05%	\$147M

9. Aggregate Stock Ownership Changes, Ranked by Change in Funds Invested. Between 11/30/2023 and 5/31/2024

Ticker	Stock Name	Funds Invested	Ave Wgt % ∆	Fund Flows, \$
GFNORTEO-MX	Grupo Financiero Banorte SA	4.26%		\$226M
RA-MX	Regional, S.A.B. de C.V. Clas	1.99%	0.01%	\$15M
GENTERA-MX	Gentera SAB de CV	1.70%	0.01%	
Q-MX	Qualitas Controladora S.A.B	1.14%	0.03%	\$2M
FIBRAPL14-MX	Prologis Property Mexico, S.A	1.14%		
AC-MX	Arca Continental SAB de CV	0.85%		\$64M
AMXL-MX	America Movil SAB de CV Clas			
AMXB-MX	America Movil SAB de CV Clas			(\$26M)
OMAB-MX	Grupo Aeroportuario del Cent			(\$75M)
BIMBOA-MX	Grupo Bimbo SAB de CV Class A			(\$3M)
FEMSAUBD-MX	Fomento Economico Mexican			
GAPB-MX	Grupo Aeroportuario del Paci		0.01%	\$39M



Mexico: GEM Fund-Level Ownership and Activity Summary



4. Largest Fund Weights, % As of 5/31/2024

Fund Name	
Pictet Global Selection Fund - Global Growing.	15.
Pacific Select Fund - Emerging Markets Portfo	13.66%
Invesco Developing Markets Fund	13.57%
MassMutual Premier Strategic Emerging Marke.	13.36%
Rondure New World Fund	13.01%
Cullen Emerging Markets High Dividend Fund	11.13%
BNY Mellon Investment Fds Emerging Incom.	10.76%
Comgest Growth Plc - Emerging Markets	10.73%
Magellan	10.72%
Comgest Growth Plc - Emerging Markets Plus	10.51%
New Capital UCITS Fund Plc - Emerging Mkts	10.10%
Virtus SGA Emerging Markets Equity Fund	9.86%

As of 5/31/2024 15.00% -10.00% -Fourth Quintile 5.66% 5.00% - Third Quintile 4.18%



0.00%

.37%

5.37%

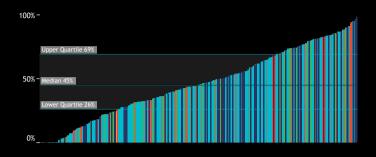
5.03% 4.84% 2.94% 2.79% 2.26% 2.23%

Fund Name

2. Distributuion of Fund Weights



3. Z-Score of Fund Weights Between 1/31/2008 and 5/31/2024



6. Largest Stock Level Fund Weights, % As of 5/31/2024

Fund Name	Stock Name	
Invesco Developing Markets Fund	Grupo Mexico S.A.B. de C.V. Class B	6.22%
Pacific Select Fund - Emerging Marke	Grupo Mexico S.A.B. de C.V. Class B	6.18%
Wasatch Emerging Markets Small Ca	Qualitas Controladora S.A.B. de C.V. Cl	6.06%
Carmignac Emergents	Grupo Financiero Banorte SAB de CV Cla	5.88%
MassMutual Premier Strategic Emergi	Grupo Mexico S.A.B. de C.V. Class B	5.76%
Magellan	Fomento Economico Mexicano SAB de C	5.72%
Comgest Growth Plc - Emerging Mark	Fomento Economico Mexicano SAB de C	5.70%
Comgest Growth Plc - Emerging Mark	Fomento Economico Mexicano SAB de C	5.52%
Virtus SGA Emerging Markets Equity	Fomento Economico Mexicano SAB de C	5.38%
Overstone Fund PLC - Emerging Mark	Ternium S.A. Sponsored ADR	5.35%
Sanlam Universal Fds. Plc - Global E	Genomma Lab Internacional SAB de CV	5.17%
Schroder Intl. Selctn. Fd. SICAV - Em	Gentera SAB de CV	4.56%

Funds Invested Δ	Average Weight Δ	# New Positions	# Closed Positions	# Funds Buying	# Funds Selling	Estimated Net Fund Flows, \$
0.57%	-0.13%	4		117	162	\$385.1M

7. Largest Changes in Fund Weight Between 11/30/2023 and 5/31/2024

Fund Name Virtus SGA Emerging Markets Equity Fund Janus Henderson Emerging Markets Fund	New or
Morgan Stanley Invt. Fds Emerging Leaders	New
Vontobel Fund - mtx Sustainable Emerging M Most Diversified Port TOBAM Anti-Benchm	
Carmignac Portfolio - Emerging Discovery	
Fidelity Funds SICAV - Sust. Emerging Market	
William Blair Emerging Markets Small Cap Gr	
Putnam Emerging Markets Equity Fund	-2.12%
BNP Paribas Funds - Emerging Equity	-2.22%
Ashmore SICAV - Emerging Markets Equity ES	-2.46%
Pictet Global Selection Fund - Global High Yi	-2.55%
Matthews Emerging Markets Equity Fund	-2.63%
TT International Funds Plc - Emerging Market	-2.99%
WCM Focused Emerging Markets Fund	-3.71%
Global Advantage Funds - Emerging Markets	-4.05%

Source: Factset, Copley Fund Research

8. Largest Estimated Fund Flows, \$ Between 11/30/2023 and 5/31/2024

Fund Name	New	
American Funds New World Fund		
Vontobel Fund - mtx Sustainable Emerging M		\$156٨
GQG Partners Emerging Markets Equity Fund		\$107M
Invesco Developing Markets Fund		\$62M
Morgan Stanley Invt. Fds Emerging Leaders	New	\$51M
Delaware Emerging Markets Fund		\$38M
JPMorgan Emerging Markets Equity Fund		\$37M
Fidelity Series Emerging Markets Fund		\$ 31M
Candriam Equities L - Emerging Markets	(\$31M)	
T Rowe Price Emerging Markets Stock Fund	(\$32M)	
BlackRock Global Funds - Emerging Markets F	(\$33M)	
T Rowe Price Emerging Markets Discovery St	(\$41M)	
Allspring Emerging Markets Equity Fund	(\$43M)	
BlackRock Emerging Markets Fund, Inc.	(\$54M)	
American Century Emerging Markets Fund	(\$58M)	
WCM Focused Emerging Markets Fund	(\$73M)	

9. Largest Changes in Stock Weight Between 11/30/2023 and 5/31/2024

\$493M

Fund Name	Stock Name	New o.		
Virtus SGA Emerging Markets Equit	Fomento Economico Mexicano	New		5.38%
Janus Henderson Emerging Market	BBB Foods, Inc. Class A	New		3.36%
Ashmore Emerging Markets Equity	Fomento Economico Mexicano	New		3.19%
Carmignac Portfolio - Emerging Di	BBB Foods, Inc. Class A	New		3.15%
Pictet Global Selection Fund - Glo	Vista Oil & Gas SA de CV Class A	New		2.17%
Wasatch Emerging Markets Small	Qualitas Controladora S.A.B. d			2.12%
Alger Funds II - Emerging Markets	Arca Continental SAB de CV	New		2.08%
Cullen Emerging Markets High Divi	Grupo Financiero Banorte SAB	New		2.02%
Candriam Sustainable - Equity Em	Fomento Economico Mexicano	Close	-1.99%	
Wasatch Emerging Markets Small	Grupo Aeroportuario del Centr		-2.02%	
Pictet Global Selection Fund - Glo	Corporacion Inmobiliaria Vesta	Close	-2.22%	
Ashmore SICAV - Emerging Market	Fomento Economico Mexicano		-2.33%	
Amonis Equity Emerging Markets	Fomento Economico Mexicano	Close		-2.60%
Matthews Emerging Markets Equit	Prologis Property Mexico, S.A			-2.76%
WCM Focused Emerging Markets F	Fomento Economico Mexicano	Close		-4.21%
Ashmore Emerging Markets Equity	Fomento Economico Mexicano	Close		-4.23%



South Africa: Growing Investor Apathy

In contrast to Mexico, active GEM managers have shown arowing apathy toward South Africa in recent years. Average fund weights in Chart 1 have fallen from over 6% pre-2017 to a low of 2.62% last month. Perhaps more of a concern is South Africa is no longer seen an essential holding for a growing number of active GEM funds, with 14.2% deciding to avoid investing in the country entirely (chart 2). Against the iShares MSCI Emeraina Market ETF in chart 3, South Africa's underweight has narrowed from a low of -3% pre-2008 to -0.24% today, but this is more down to its shrinking absolute weight than any bullish connotations. Chart 8 compares South Africa's average holding weight with its main peers, Mexico, Indonesia, and Saudi Arabia. Once the largest weight of the guartet, South Africa has been overtaken by Mexico and is now on par with Indonesia, while exposure to Saudi Arabia at 1.32% is catching up.

On the stock front, Naspers stands out, owned by a third of managers at an average weight of 0.49%. Following Naspers, there is a group of seven stocks, led by FirstRand Limited and ending with Bid Corporation, that are owned by between 15% and 22% of funds and at similar average weights. Clicks Group appears to be the most favored company compared to the benchmark, positioned 13 basis points overweight, partially offsetting underweights in Gold Fields, AngloGold Ashanti, and FirstRand, among others as shown in chart 6. The standout stock move over the last six months has been the 5.1% decrease in funds invested in Bidvest Group, against a more modest uptick of 2.3% of funds invested in Harmony Gold Mining Co. The next page provides a summary of fund-level ownership and activity for South Africa and South African stocks.

Average Weight	Average Weight vs EEM	Funds Invested %	Funds O/W %	Fund AUM, \$
2.62%	-0.24%	85.8%	38.92%	\$9,581M

6.00%

5.00%

4.00%

3.00%

2.00%

1.00%

0.00%

7: Average Fund Weight per Country As of 5/31/2024

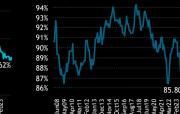
China & HK				24.08%
Taiwan			15.73%	
India			15.55%	
South Korea		10.91%		
Brazil	5.95%			
Mexico	3.93%			
South Africa	2.62%			
Indonesia	2.42%			
Argentina	1.41%			
Thailand	1.33%			
Saudi Arabia	1.32%			
United States	1.02%			
United Arab Emirates	0.90%			
United Kingdom	0.80%			
Greece	0.79%			
Poland	0.77%			
Turkey	0.71%			
Malaysia	0.69%			
Philippines	0.60%			
Netherlands	0.51%			
Hungary	0.50%			





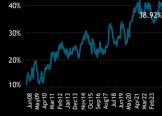
8: Average Fund Weight - Selected Countries

Mar08 Aur08 Aur09 Abr09 Abr09 Abr10 Abr11 Abr11 Abr11 Abr12 Abr22 Abr12 Abr22 Abr12 Abr22 Abr22



2. Funds Invested %





Mexico

South Africa Indonesia

Saudi Arabia

2.42%

1.32%

5. Aggregate Stock Ownership Metrics, Ranked by Most Widely Held As of 5/31/2024

Ticker	Stock Name	Funds Invested %	Average Weight %	Average Weight vs	Fund AUM \$
NPN-ZA	Naspers Limited Class N	33.24%	0.49%		\$1,652M
FSR-ZA	FirstRand Limited	22.44%	0.17%		\$896M
SBK-ZA	Standard Bank Group Limited	21.02%	0.12%		\$339M
CLS-ZA	Clicks Group Limited	19.60%	0.18%	0.13%	\$436M
GFI-ZA	Gold Fields Limited	18.47%	0.12%		\$483M
CPI-ZA	Capitec Bank Holdings Limited	17.61%	0.19%	0.05%	\$1,143M
SLM-ZA	Sanlam Limited	16.48%	0.11%	0.01%	\$379M
BID-ZA	Bid Corporation Limited	15.06%	0.10%		\$313M
ABG-ZA	Absa Group Limited	13.92%	0.08%		\$181M
KIO-ZA	Kumba Iron Ore Limited	12.78%	0.05%	0.02%	\$96M
SHP-ZA	Shoprite Holdings Limited	12.50%	0.08%		\$510M
NED-ZA	Nedbank Group Limited	11.93%	0.05%		\$187M

6. Aggregate Stock Ownership Metrics, Top Overweights & Underweights

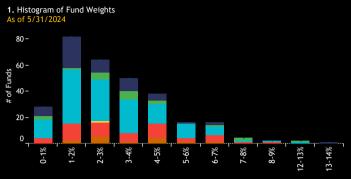
Ticker	Stock Name	Average Weight vs	Funds Invested %	Average Weight %	Fund AUM \$
CLS-ZA	Clicks Group Limited	0.13%	19.60%	0.18%	\$436M
CPI-ZA	Capitec Bank Holdings Limited	0.05%	17.61%	0.19%	\$1,143M
MNDI-GB	Mondi plc	0.05%	3.41%	0.05%	\$134M
AVI-ZA	AVI Limited Class Y	0.04%	6.53%	0.04%	\$112M
MRP-ZA	Mr Price Group Limited	0.04%	8.52%	0.04%	\$79M
RNI-ZA	Reinet Investments S.C.A.		0.85%	0.00%	\$5M
SBK-ZA	Standard Bank Group Limited		21.02%	0.12%	\$339M
FSR-ZA	FirstRand Limited		22.44%	0.17%	\$896M
ANG-ZA	AngloGold Ashanti Limited		9.66%	0.07%	\$207M
GFI-ZA	Gold Fields Limited		18.47%	0.12%	\$483M

9. Aggregate Stock Ownership Changes, Ranked by Change in Funds Invested. ween 11/30/2023 and 5/31/2024

Ticker	Stock Name	Funds Invested	Ave Wgt % Δ	Fund Flows, \$
HAR-ZA	Harmony Gold Mining Co. Ltd.	2.27%	0.01%	\$7M
TFG-ZA	Foschini Group Limited	1.70%	0.00%	\$58M
MRP-ZA	Mr Price Group Limited	1.70%	0.01%	(\$2M)
ANG-ZA	AngloGold Ashanti Limited	1.70%	0.03%	\$79M
KIO-ZA	Kumba Iron Ore Limited	1.42%		
EXX-ZA	Exxaro Resources Limited	1.42%	0.00%	\$2M
NED-ZA	Nedbank Group Limited			
IMP-ZA	Impala Platinum Holdings Lim		0.01%	\$39M
FSR-ZA	FirstRand Limited			
MCG-ZA	Multichoice Group Ltd		0.00%	
GRT-ZA	Growthpoint Properties Limit			
BVT-ZA	Bidvest Group Limited			



South Africa: GEM Fund-Level Ownership and Activity Summary



4. Largest Fund Weights, % As of 5/31/2024

Fund Name		
ODIN Emerging Markets		13.54%
Schroder Intl. Selctn. Fd. SICAV - Emerging Mr		12.36%
Pictet Global Selection Fund - Global Growing		12.32%
GMO Emerging Markets Fund	8.55%	
Boston Common ESG Impact Emerging Market	8.09%	
Optimix Emerging Markets Fund	7.85%	
Fidelity Funds SICAV - Institutional Emerging	7.48%	
Fidelity Active Strategy - Emerging Markets F	7.38%	
Lazard Glb. Active Fds. Plc - Emerging Market	7.17%	
Lazard Emerging Markets Equity Portfolio	7.00%	
RBC Funds (Lux) - Emerging Markets Value Eq	6.93%	
Pinnacle ICAV - Aikya Global Emerging Market	6.82%	

10.00% -5.00% - Fourth Quintile 4.20% Third Quintile 2.83% Second Quintile 1.800 Insta Quintile 0.938 0.00%

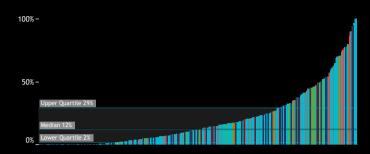


2. Distributuion of Fund Weights

As of 5/31/2024



3. Z-Score of Fund Weights Between 1/31/2008 and 5/31/2024



6. Largest Stock Level Fund Weights, % As of 5/31/2024

Fund Name	Stock Name
Fidelity Funds SICAV - Institutional E.	
Thornburg Developing World Fund	Naspers Limited Class N
Fidelity Funds SICAV - Emerging Mark	Naspers Limited Class N
Robeco Capital Gr. Fds Emerging S	Naspers Limited Class N
UBS (Lux) Equity Fund - Emerging Ma	Naspers Limited Class N
ODIN Emerging Markets	Naspers Limited Class N
Robeco Capital Gr. Fds Sustainabl	Naspers Limited Class N
Boston Common ESG Impact Emergin	Naspers Limited Class N
WCM Focused Emerging Markets Fund	Naspers Limited Class N
Omnis Portfolio Investments ICVC - G	Naspers Limited Class N
Schroder Intl. Selctn. Fd. SICAV - Em	Clicks Group Limited
First Sentier Invts ICVC - FSSA Global	Capitec Bank Holdings Limited

Funds Selling

139



Estimated Net Fund Flows, \$

Average Weight Δ# New Positions# Closed Positions# Funds Buying-0.15%37112

7. Largest Changes in Fund Weight Between 11/30/2023 and 5/31/2024

Funds Invested Δ

Fund Name Global Advantage Funds - Emerging Markets Alger Funds II - Emerging Markets Fund Redwheel Next Generation Emerging Markets Fidelity Series Emerging Markets Fund Barrow Hanley Concentrated Emerging Mark Thornburg Developing World Fund Optimix Emerging Markets Fund - Coronation Global Opportunities Fund - Glob	New or New New	
Pictet - Global Multi Asset Themes Magna Umbrella Fund Plc - Emerging Markets	Close	-2.37%
Fisher Invts. EM. Mrkts. Eq. Responsible ex-F		-2.71%
Morgan Stanley Instl. Fund - Emerging Marke		-3.02%
DWS Emerging Markets Equity Fund	Close	-3.90%
Hartford Schroders Emerging Markets Equity		-3.96%
Pictet Global Selection Fund - Global Growin		-4.31%
Orbis SICAV - Emerging Markets Equity Fund		-5.95%

Source: Factset, Copley Fund Research

8. Largest Estimated Fund Flows, \$ Between 11/30/2023 and 5/31/2024

6.50%

3.87%

3.47% 2.54%

2.28% 1.91% 1.91% 1.66%

Fund Name	New
Fidelity Series Emerging Markets Fund	
Fidelity Inv. Trust - Emerging Markets Opport	
Fidelity Advisor Focused Emerging Markets F	
Invesco Developing Markets Fund	
Redwheel Next Generation Emerging Markets	
MFS Emerging Markets Equity Fund	
Seafarer Overseas Growth & Income Fund	
Lazard Emerging Markets Equity Portfolio	
Schroder ISF - Global Emerging Market Oppor	
WCM Focused Emerging Markets Fund	
Nordea 1 SICAV - Emerging Stars Equity Fund	
Candriam Sustainable - Equity Emerging Mar	
abrdn Emerging Markets Fund	
Schroder ISF - Emerging Markets	
Orbis SICAV - Emerging Markets Equity Fund	
Hartford Schroders Emerging Markets Equity	(\$21)

	\$154M
	\$104M
	\$50M
	\$39M
	\$24M
	\$24M
	\$23M
	\$21M
(\$18M)	
(\$20M)	
(\$23M)	
(\$31M)	
(\$37M)	
\$89M)	
20M)	

(S

9. Largest Changes in Stock Weight Between 11/30/2023 and 5/31/2024

Fund Name	Stock Name	New o		
Virtus SGA Emerging Markets Equit	Sanlam Limited	New		3.21%
Pictet Global Selection Fund - Glo	Naspers Limited Class N	New		3.06%
Redwheel Next Generation Emergi	Impala Platinum Holdings Lim	New		2.16%
Virtus NFJ Emerging Markets Valu	Naspers Limited Class N	New		2.15%
Alger Funds II - Emerging Markets	Capitec Bank Holdings Limited	New		2.12%
Fidelity Funds SICAV - Institutional	Naspers Limited Class N			1.92%
Thornburg Developing World Fund	Naspers Limited Class N			1.91%
Alger Funds II - Emerging Markets	Bid Corporation Limited	New		1.74%
Fisher Invts. Instl. Fds. Plc - Emer	Kumba Iron Ore Limited		-1.87%	
GMO Emerging Markets Fund	Kumba Iron Ore Limited		-1.88%	
Pictet Global Selection Fund - Glo	JSE Limited	Close	-1.92%	
Pictet Global Selection Fund - Glo	Nedbank Group Limited	Close	-2.05%	
Pictet Global Selection Fund - Glo	FirstRand Limited	Close	-2.12%	
Fisher Invts. EM. Mrkts. Eq. Respo	Naspers Limited Class N		-2.26%	
Magna Umbrella Fund Plc - Emergi	Naspers Limited Class N		-2.58%	
Orbis SICAV - Emerging Markets Eq	Naspers Limited Class N	Close		-3.95%



India: Record Exposure Gives Rise to Caution

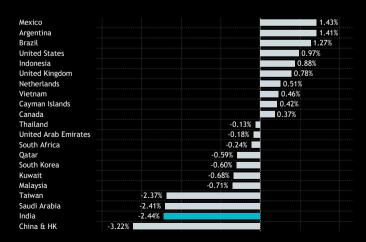
As the MSCI India index continues to hit all-time highs, so do Indian allocations among active GEM funds. Chart 1 shows the average Indian allocation breaking through the 15% barrier at the start of 2024 and remaining above it as the year progresses. Although this indicates bullish sentiment for India. there is a definite note of caution, highlighted by an ever-increasing underweight position versus the benchmark index. Chart 3 shows the average weight relative to the iShares MSCI EM ETF hitting record underweights of -2.44%, while chart 4 reveals the percentage of funds positioned overweight falling to record lows of 27.6%. This places India as the second-laraest underweight country holding among active EM managers, as shown in chart 7. The primary cause of this underweight stance appears to be valuations. Chart 8 illustrates the average weight versus the benchmark split by fund style, highlighting how Value managers have found it increasingly difficult to match the benchmark weight in India, and even Growth funds have shifted to an underweight position. Only the most aggressive proponents of growth are maintaining a net overweight stance.

The stock ownership picture in India has real depth. HDFC Bank is the most widely held company, owned by 60.5% of funds at an average weight of 1.44%, with the trio of ICICI Bank, Infosys, and Reliance Industries forming a solid second tier. While HDFC Bank is a net overweight, it is overshadowed by underweights across the majority of Indian names in the iShares MSCI EM ETF, led by Reliance Industries, Larsen & Toubro, and Bharti Airtel. In fact, of the 136 Indian names in the benchmark, only 23 are held as net overweights among active GEM funds. Recent activity over the last six months saw managers reduce holdings in HDFC Bank and Hindustan Unilever, while increasing ownership in Macrotech Developers and Zomato Ltd. Fund level detail on the following page.

Average Weight	Average Weight vs EEM	Funds Invested %	Funds O/W %	Fund AUM, \$
15.55%	-2.44%	98.3%	27.56%	\$68,455M

Time-Series

7: Average Fund Weight vs EEM per Country As of 5/31/2024



Source: Factset, Copley Fund Research





8: India - Average Fund Weight vs EEM by Fund Style





5. Aggregate Stock Ownership Metrics, Ranked by Most Widely Held

98.30%

27.56%

kpr21 eb23

Ticker	Stock Name	Funds Invested %	Average Weight %	Average Weight vs	Fund AUM \$
500180-IN	HDFC Bank Limited	60.51%	1.44%	0.75%	\$6,327M
532174-IN	ICICI Bank Limited	52.56%	1.01%	0.05%	\$3,850M
500209-IN	Infosys Limited	49.15%	0.65%	-0.12%	\$2,097M
500325-IN	Reliance Industries Limited	41.76%	0.85%		\$4,264M
532540-IN	Tata Consultancy Services Li	34.38%	0.49%		\$2,433M
532215-IN	Axis Bank Limited	32.39%	0.43%		\$1,887M
532281-IN	HCL Technologies Limited	29.26%	0.25%	0.05%	\$768M
532898-IN	Power Grid Corporation of In	26.42%	0.31%	0.07%	\$1,098M
532454-IN	Bharti Airtel Limited	22.73%	0.30%		\$2,150M
500520-IN	Mahindra & Mahindra Ltd.	22.73%	0.37%		\$1,253M
500247-IN	Kotak Mahindra Bank Limited	20.45%	0.23%		\$2,451M
500124-IN	Dr. Reddy's Laboratories Ltd.	19.03%	0.14%	0.03%	\$379M

6. Aggregate Stock Ownership Metrics, Top Overweights & Underweights As of 5/31/2024

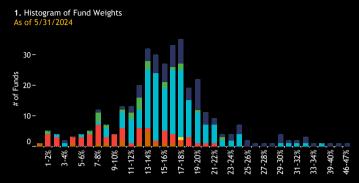
Ticker	Stock Name	Average Weight vs	Funds Invested %	Average Weight %	Fund AUM \$
500180-IN	HDFC Bank Limited	0.75%	60.51%	1.44%	\$6,327M
MMYT-US	MakeMyTrip Ltd.	0.23%	13.64%	0.23%	\$984M
511218-IN	Shriram Finance Limited	0.09%	17.33%	0.20%	\$628M
532977-IN	Bajaj Auto Limited	0.08%	17.61%	0.18%	\$658M
534816-IN	Indus Towers Limited	0.08%	7.67%	0.08%	\$318M
500570-IN	Tata Motors Limited		12.22%	0.07%	\$252M
532555-IN	NTPC Limited		8.81%	0.06%	\$675M
532454-IN	Bharti Airtel Limited		22.73%	0.30%	\$2,150M
500510-IN	Larsen & Toubro Ltd.		18.47%	0.19%	\$1,149M
500325-IN	Reliance Industries Limited		41.76%	0.85%	\$4,264M

9. Aggregate Stock Ownership Changes, Ranked by Change in Funds Invested. ween 11/30/2023 and 5/31/2024

Ticker	Stock Name	Funds Invested	Ave Wgt % Δ	Fund Flows, \$
543287-IN	Macrotech Developers Ltd.	4.83%	0.05%	\$222M
543320-IN	Zomato Ltd.	3.41%	0.09%	(\$28M)
543220-IN	Max Healthcare Institute Ltd	3.41%	0.01%	(\$221M)
524715-IN	Sun Pharmaceutical Industrie	3.41%	0.01%	\$136M
532454-IN	Bharti Airtel Limited	3.13%	0.07%	\$163M
534816-IN	Indus Towers Limited	2.84%	0.04%	\$46M
500247-IN	Kotak Mahindra Bank Limited			(\$442M)
500188-IN	Hindustan Zinc Limited		0.00%	
500875-IN	ITC Limited			\$139M
543940-IN	Jio Financial Services Limited		0.02%	
500696-IN	Hindustan Unilever Limited			
500180-IN	HDFC Bank Limited			



India: GEM Fund-Level Ownership and Activity Summary



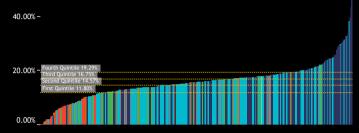
4. Largest Fund Weights, % As of 5/31/2024

Fund Name

Aubrey Capital Mgmt. Access Fund - Global E	
Morgan Stanley Invt. Fds Emerging Leaders	
First Sentier Investors ICVC - Stewart Inv. Glb	
Carmignac Portfolio - Emerging Discovery	
William Blair Emerging Markets Small Cap Gro	
Wasatch Emerging Markets Small Cap Fund	
GQG Partners Emerging Markets Equity Fund	
First Sentier Investors ICVC - Stewart Inv. Glb	
PGIM Jennison Emerging Markets Equity Oppo	
JOHCM Emerging Markets Discovery Fund	
Wasatch Emerging Markets Select Fund	
Most Diversified Port TOBAM Anti-Benchma	

2. Distributuion of Fund Weights

As of 5/31/2024



5. Largest Fund AUM, \$ As of 5/31/2024

46.39%

11.17%

10.21% 9.18%

9.11%

7.06% 6.86%

6.80%

6.48%

43.51%

39.37%

38.14%

33.54%

32.88%

32.73%

32.70%

31.62%

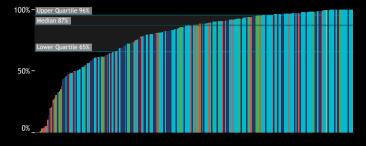
31.40%

30.73%

30.03%



3. Z-Score of Fund Weights Between 1/31/2008 and 5/31/2024



6. Largest Stock Level Fund Weights, % As of 5/31/2024

Fund Name	Stock Name	
Optimix Emerging Markets Fund	iShares MSCI India ETF	12.05%
Sabadell Bolsas Emergentes, FI	iShares MSCI India UCITS ETF	10.28%
PGIM Jennison Emerging Markets Equ	MakeMyTrip Ltd.	9.84%
Delaware Emerging Markets Fund	Reliance Industries Limited	9.56%
Delaware VIP Trust - Emerging Marke	Reliance Industries Limited	9.17%
Swiss Rock (Lux) SICAV - Emerging E	UTI Goldfinch Funds PLC - UTI India Dyn	8.93%
Macquarie Fd. Sol Emerging Marke	Reliance Industries Limited	8.19%
Flossbach von Storch - Global Emergi	HDFC Bank Limited	8.09%
Aubrey Capital Mgmt. Access Fund	Varun Beverages Ltd.	7.41%
VP Bank Risk Optimised ESG Eq. Fd	iShares MSCI India UCITS ETF	7.26%
Virtus KAR Emerging Markets Small C	Oracle Financial Services Software Limit.	7.11%
First Sentier Investors ICVC - Stewart	Mahindra & Mahindra Ltd.	7.04%

Funds Invested Δ Average Weight Δ	# New Positions	# Closed Positions	# Funds Buying	# Funds Selling	Estimated Net Fund Flows, \$
0.28% 0.91%	1	0	120	170	(\$2,870.5M)

7. Largest Changes in Fund Weight Between 11/30/2023 and 5/31/2024

Fund Name Neuberger Berman Emerging Markets Equity PGIM Jennison Emerging Markets Equity Opp Amonis Equity Emerging Markets Optimix Emerging Markets Fund Most Diversified Port TOBAM Anti-Benchm CPR Invest - GEAR Emerging Alquity SICAV - Future World Fund NEF - Emerging Market Equity	New or
Voya Investors Trust - JPMorgan Emerging Ma	-4.25%
BNY Mellon Investment Fds Global Emergin	-4.27%
Jupiter Asset Mgmt. Series Plc - Global EM F	-4.43%
Quilter Investors OEIC - Emerging Markets Eq	-4.47%
Jupiter Global Emerging Markets Fund	-4.70%
Fidelity Active Strategy - Emerging Markets F	-5.35%
William Blair Emerging Markets Small Cap Gr	-8.61%
Heptagon Fd. Plc - Driehaus Emerging Mrkts.	-9.44%

Source: Factset, Copley Fund Research

8. Largest Estimated Fund Flows, \$ Between 11/30/2023 and 5/31/2024

Fund Name	New
GQG Partners Emerging Markets Equity Fund	
Hartford Schroders Emerging Markets Equity	
MFS Emerging Markets Equity Fund	
Artisan Developing World Fund	
Robeco Capital Gr. Fds QI Emerging Marke	
Schroder ISF - Emerging Markets	
Seafarer Overseas Growth & Income Fund	
JPMorgan Fund ICVC - Emerging Markets Inco	
Calvert Emerging Markets Equity Fund	
Virtus SGA Emerging Markets Equity Fund	
Federated Hermes Invt. Funds - Global Emer	
JPMorgan Emerging Markets Equity Fund	
Baron Emerging Markets Fund	
American Funds New World Fund	(2
Invesco Developing Markets Fund	(\$5
Fidelity Inv. Trust - Emerging Markets Opport	(\$809M)

9. Largest Changes in Stock Weight Between 11/30/2023 and 5/31/2024

\$515M

\$151M

\$144M

\$77M \$77M

\$76M

\$70M

\$50M

(\$123M) (\$140M)

(\$162M)

(\$242M)

(\$247M) \$427M) 45M)

Fund Name	Stock Name	New o		
NEF - Emerging Market Equity	HDFC Bank Limited	New		5.28%
PGIM Jennison Emerging Markets E	MakeMyTrip Ltd.			3.67%
Alger Funds II - Emerging Markets	ICICI Bank Limited	New		3.67%
Virtus SGA Emerging Markets Equit	Infosys Limited			3.65%
Optimix Emerging Markets Fund	iShares MSCI India ETF			3.55%
Evli Gem Fund	Cochin Shipyard Limited			3.50%
Alger Funds II - Emerging Markets	Bharat Electronics Limited	New		3.44%
Mirabaud - Equities Global Emergi	Zomato Ltd.	New		3.29%
Alger Funds II - Emerging Markets	Ruchi Soya Industries Limited	Close	-3.62%	
Jupiter Global Emerging Markets F	Polycab India Ltd.	Close	-3.73%	
Quilter Investors OEIC - Emerging	Polycab India Ltd.	Close	-3.76%	
Voya Investors Trust - JPMorgan E	HDFC Bank Limited		-3.82%	
Jupiter Asset Mgmt. Series Plc - Gl	Polycab India Ltd.	Close	-3.84%	
PineBridge Global Funds - Global E	Angel Broking Limited	Close	-4.01%	
Morgan Stanley Invt. Fds Emergi	AU Small Finance Bank Limited		-4.36%	
Heptagon Fd. Plc - Driehaus Emer	Nestle India Ltd.			-12.57%



Turkey Financials: Recovery in Play

Turkish Financials are bucking a 13-year downward ownership trend. Chart 2 shows the percentage of funds invested in Turkish Financials, falling from a high of 77.1% in October 2010 to a low of 13.1% in June of last year. Since then, an increasing number of funds are agining exposure, with recent entrants led by Delaware EM, Danske EM and JP Morgan EM. among many others (chart 7). The 6% increase in funds invested for the sector over the last 6-months was the 2nd highest across Global EM (chart 5), though most holders maintain exposure less than 2.5% (chart 1). On the stock side, Yapi Kredi Bankasi and Akbank are the 2 most widely held companies (chart 3) and the drivers behind the recent rotation alongside Sabanci Holdings (chart 4). Garanti Bank, once owned by over 50% of managers, is now the least widely owned of the major Turkish Financial stocks, as chart 6 shows. Overall, some positive signs for the sector, but still very lightly owned.

1. Largest Fund Weights, % As of 5/31/2024



Average Weight	Average Weight vs EEM	Funds Invested %	Funds O/W %	Fund AUM, \$
0.21%	-0.03%	23.6%	21.31%	\$1,003M

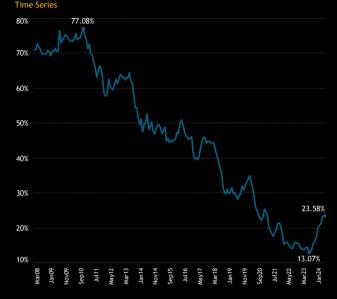
6.59%

5: Change in Funds Invested - Major Country/Sectors Between 11/30/2023 and 5/31/2024

6.82%
5.97%
5.68%
5.68%
5.11%
4.83%
4.83%
4.55%
4.26%
3.98%
3.98%

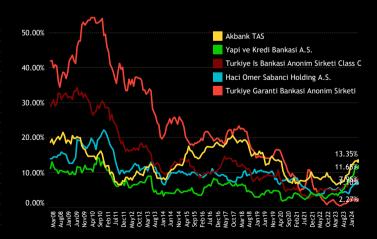
Source: Factset, Copley Fund Research

2. Funds Invested % - Turkey Financials



Weight vs EEM	Funds Invested %	Funds O/W %	Fund AUM, \$
).03%	23.6%	21.31%	\$1,003M

6: Funds Invested % - Major Turkey Financials Stocks



3. Aggregate Stock Ownership Metrics, Ranked by Most Widely Held As of 5/31/2024

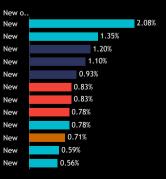
Ticker	Stock Name	Funds Invested %	Average Weight %	Average Weight vs	Fund AUM \$
AKBNK.E-TR	Akbank TAS	13.35%	0.08%		\$499M
YKBNK.E-TR	Yapi ve Kredi Bankasi A.S.	11.65%	0.05%	0.00%	\$253M
ISCTR.E-TR	Turkiye Is Bankasi Anonim Sir	7.95%	0.02%		\$62M
SAHOL.E-TR	Haci Omer Sabanci Holding A	7.10%	0.03%		\$121M
GARAN.E-TR	Turkiye Garanti Bankasi Anon	2.27%	0.02%	0.02%	\$57M
TSKB.E-TR	Turkiye Sinai Kalkinma Banka	0.28%	0.00%	0.00%	\$1M
ISMEN.E-TR	Is Yatirim Menkul Degerler AS	0.28%	0.00%	0.00%	\$9M
AGESA.E-TR	AgeSA Hayat ve Emeklilik A.S.	0.28%	0.00%	0.00%	\$1M
YKSGR-TR	Yapi Kredi Sigorta A.S.		0.00%	0.00%	\$0M
VERUS.E-TR	Verusa Holding AS		0.00%	0.00%	\$0M
VAKBN.E-TR	Turkiye Vakiflar Bankasi Turk		0.00%	0.00%	\$0M
TYABY-US	Turkiye Is Bankasi Anonim Sir		0.00%	0.00%	\$0M

4. Aggregate Stock Ownership Changes, Ranked by Change in Funds Invested. Between 11/30/2023 and 5/31/2024

Ticker	Stock Name	Funds Invested	Ave Wgt % Δ	Fund Flows, \$
YKBNK.E-TR	Yapi ve Kredi Bankasi A.S.	4.26%	0.03%	\$139M
AKBNK.E-TR	Akbank TAS	3.69%	0.04%	\$170M
SAHOL.E-TR	Haci Omer Sabanci Holding A	3.13%	0.02%	\$56M
ISCTR.E-TR	Turkiye Is Bankasi Anonim Sir	0.57%	0.01%	
GARAN.E-TR	Turkiye Garanti Bankasi Anon	0.28%	0.01%	
YKSGR-TR	Yapi Kredi Sigorta A.S.	0.00%	0.00%	\$0M
ANHYT.E-TR	Anadolu Hayat Emeklilik A.S.	0.00%	0.00%	\$0M
ALBRK.E-TR	Albaraka Turk Katilim Bankas	0.00%	0.00%	\$0M
AKGRT.E-TR	Aksigorta AS	0.00%	0.00%	\$0M
AKBTY-US	Akbank TAS	0.00%	0.00%	\$0M
AKBNK-TR	Akbank TAS	0.00%	0.00%	\$0M
AGESA.E-TR	AgeSA Hayat ve Emeklilik A.S.	0.00%	0.00%	\$0M

7. Largest Opening Positions Between 11/30/2023 and 5/31/2024

Fund Name Delaware VIP Trust - Emerging Markets Series Danske Invest Emerging Markets Equity Fund (FI) JPMorgan Emerging Markets Equity Fund DWS Invest - ESG Global Emerging Markets Equities New Voya Investors Trust - JPMorgan Emerging Markets .. New KBI Funds ICAV - Emerging Markets Equity Fund Causeway Emerging Markets Fund Global Advantage Funds - Emerging Markets High V.. New Victory Sophus Emerging Markets Fund Allspring (Lux) Ww. Fd. - EM Equity Income Fund MGI Funds Plc - Emerging Markets Equity Fund JOHCM Emerging Markets Discovery Fund



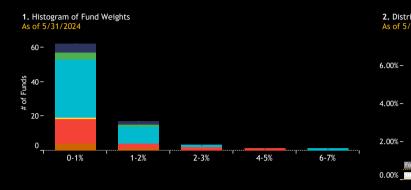


Turkey Financials: GEM Fund-Level Ownership and Activity Summary

6.59%

3.38%

2.08%



4. Largest Fund Weights, % As of 5/31/2024

Fund Name		
Redwheel Global Emerging Markets Fund		
Redwheel Next Generation Emerging Markets		4.33%
Robeco Capital Gr. Fds QI EM Sust. Active E	2.43%	
AXA IM Equity Trust - Global EM Equity QI	2.21%	
Delaware VIP Trust - Emerging Markets Series	2.08%	
Principal Funds, Inc Origin Emerging Market	1.82%	
Robeco Capital Gr. Fds QI Emerging Market	1.74%	
Amonis Equity Emerging Markets	1.74%	
PACE International Emerging Markets Equity I	1.52%	
Candriam Sustainable - Equity Emerging Mark	1.46%	
Advisors Series Tr Pzena Emerging Markets	1.43%	
Barclays MM Fd. Plc - GlobalAccess Emerging	1.36%	



\$73M

\$64M

\$59M



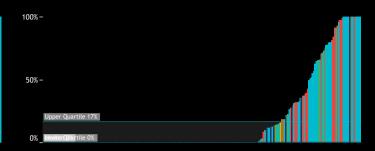
Fourth Quintile 0.55%

2. Distributuion of Fund Weights









6. Largest Stock Level Fund Weights, % As of 5/31/2024

Fund Name	Stock Name	
Redwheel Global Emerging Markets F	Akbank TAS	3.22%
Redwheel Global Emerging Markets F	Turkiye Garanti Bankasi Anonim Sirketi	2.83%
Delaware VIP Trust - Emerging Marke	Akbank TAS	2.08%
Redwheel Next Generation Emerging	Akbank TAS	1.90%
Amonis Equity Emerging Markets	Haci Omer Sabanci Holding A.S.	1.74%
Candriam Sustainable - Equity Emerg	Haci Omer Sabanci Holding A.S.	1.46%
Advisors Series Tr Pzena Emerging	Akbank TAS	1.43%
Redwheel Next Generation Emerging	Haci Omer Sabanci Holding A.S.	1.39%
Danske Invest Emerging Markets Equi	Yapi ve Kredi Bankasi A.S.	1.35%
Principal Funds, Inc Origin Emergi	Akbank TAS	1.21%
JPMorgan Emerging Markets Equity F	Yapi ve Kredi Bankasi A.S.	1.20%
Nordea Emerging Market Equities	Haci Omer Sabanci Holding A.S.	1.15%

Funds Invested Δ	Average Weight Δ	# New Positions	# Closed Positions	# Funds Buying	# Funds Selling	Estimated Net Fund Flows, \$
5.97 %	0.10%	22		47		\$346.6M

7. Largest Changes in Fund Weight Between 11/30/2023 and 5/31/2024

Fund Name Redwheel Global Emerging Markets Fund	New or	
Delaware VIP Trust - Emerging Markets Series	New	2.0
Principal Funds, Inc Origin Emerging Marke		1.42%
Danske Invest Emerging Markets Equity Fund	New	1.35%
JPMorgan Emerging Markets Equity Fund	New	1.20%
DWS Invest - ESG Global Emerging Markets E	New	1.10%
SEI Global Master Fund Plc - Emerging Marke		1.07%
Candriam Sustainable - Equity Emerging Mar		1.04%
AB SICAV I - Emerging Markets Low Volatility		0.00%
AB FCP II - Emerging Market Value Portfolio		0.00%
AB FCP I - Emerging Markets Growth Portfolio		0.00%
KBC Equity Fund - Emerging Markets Respons	-0.06%	
Segall Bryant & Hamill Emerging Markets Fund	-0.08%	
Lazard Glb. Active Fds. Plc - Emerging Marke	-0.14%	
TT International Funds Plc - Emerging Market	Close -0.52%	
PIMCO RAE Emerging Markets Fund	-1.43%	

Source: Factset, Copley Fund Research

8. Largest Estimated Fund Flows, \$ Between 11/30/2023 and 5/31/2024

Fund Name	New		
JPMorgan Emerging Markets Equity Fund	New		
Invesco Developing Markets Fund			
American Funds New World Fund			
GQG Partners Emerging Markets Equity Fund	New		\$34M
Hartford Schroders Emerging Markets Equity	New		\$31M
Principal Funds, Inc Origin Emerging Marke			\$20M
Candriam Sustainable - Equity Emerging Mar			\$19M
Causeway Emerging Markets Fund	New		\$10M
American Funds Developing World Growth &		(\$1M)	
AQR Emerging Multi-Style II Fund		(\$1M)	
Advisors Series Tr Pzena Emerging Markets		(\$2M)	
SEI Institutional Invt. Trust - Emerging Marke		(\$2M)	
Lazard Glb. Active Fds. Plc - Emerging Marke		(\$3M)	
KBC Equity Fund - Emerging Markets Respons		(\$3M)	
TT International Funds Plc - Emerging Market.	Close	(\$4M)	
PIMCO RAE Emerging Markets Fund		(\$21M)	

9. Largest Changes in Stock Weight Between 11/30/2023 and 5/31/2024

Fund Name	Stock Name	New o		
Delaware VIP Trust - Emerging Ma	Akbank TAS	New		2.08%
Redwheel Global Emerging Market	Akbank TAS			1.60%
Redwheel Next Generation Emergi	Haci Omer Sabanci Holding A	New		1.39%
Danske Invest Emerging Markets E	Yapi ve Kredi Bankasi A.S.	New		1.35%
Redwheel Global Emerging Market	Turkiye Garanti Bankasi Anon			1.22%
Principal Funds, Inc Origin Emer	Akbank TAS	New		1.21%
JPMorgan Emerging Markets Equit	Yapi ve Kredi Bankasi A.S.	New		1.20%
DWS Invest - ESG Global Emerging	Akbank TAS	New		1.10%
Segall Bryant & Hamill Emerging M	Akbank TAS	Close	-0.18%	
Redwheel Next Generation Emergi	Akbank TAS		-0.20%	
Lazard Glb. Active Fds. Plc - Emer	Yapi ve Kredi Bankasi A.S.	Close	-0.21%	
Lazard Glb. Active Fds. Plc - Emer	Turkiye Is Bankasi Anonim Sir	Close	-0.21%	
TT International Funds Plc - Emer	Turkiye Garanti Bankasi Anon	Close		-0.52%
PIMCO RAE Emerging Markets Fund	Haci Omer Sabanci Holding A			-0.54%
Redwheel Next Generation Emergi	Yapi ve Kredi Bankasi A.S.			-0.67%
PIMCO RAE Emerging Markets Fund	Turkiye Is Bankasi Anonim Sir	Close		-0.85%



Coplev Fund Research June 18, 2024

South Korea Materials: New Lows After Further Rotation

Average fund weights in South Korean Materials have sunk to new lows. Stuck in a range of between 0.5% and 1% for the best part of the last decade, average weights broke through the lower barrier at the beginning of the year and have continued to hit new lows each month (chart 2). Over the past six months, the percentage of funds invested in the sector has fallen by -6.82%, the largest decline among country/sector peers (chart 5). This drop was primarily driven by the ongoing reduction in POSCO exposure and a cyclical downturn in LG Chem holdings, with 7.4% of investors exiting the stock (chart 4). Despite this decline. LG Chem remains the most widely held company in the sector, owned by 22.4% of funds at an average weight of 0.12%. The largest reductions in holdings were led by Mirabaud and Abrdn (chart 7), however, 41.5% of funds remain invested in the sector. with the larger holders maintaining positions above 2%.

1. Largest Fund Weights, % As of 5/31/2024

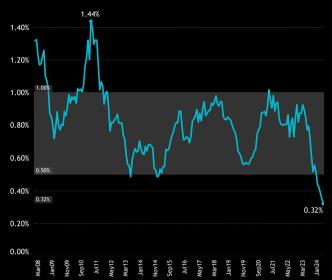
Fund Name Vaughan Nelson Emerging Markets Fund Carmignac Portfolio - Emerging Discovery Carmignac Emergents Skyline Umb. Fd. ICAV - ARGA Emerging Market Equity PIMCO RAE Emerging Markets Fund Ashmore SICAV - Emerging Markets Equity ESG Fund JSS Investmentfonds - Systematic Equity Emerging Mark. Martin Currie SMASh Series EM Fund Sparinvest Value Emerging Markets Fidelity Emerging Markets Discovery Fund

Average Weight	Average Weight vs EEM	Funds Invested %	Funds O/W %	Fund <i>i</i>
0.32%	-0.49%	41.5%	13.92 %	\$97

5: Change in Funds Invested - Major Country/Sectors Between 11/30/2023 and 5/31/2024

India Real Estate		6.82%
Turkey Financials		5.97%
South Korea Financials		5.68%
Poland Financials		5.68%
Mexico Financials		5.11%
Saudi Arabia Financials		4.83%
India Utilities		4.83%
Kazakhstan Financials		4.55%
Cayman Islands Information Technology		4.26%
India Communication Services		3.98%
Mexico Communication Services	-2.84%	
China & HK Industrials	-2.84%	
Mexico Industrials	-3.13%	
China & HK Materials	-3.13%	
Taiwan Consumer Discretionary	-3.41%	
Thailand Financials	-3.41%	
South Korea Consumer Staples	-3.69%	
China & HK Information Technology	-4.55%	
Chile Materials	-4.55%	
China & HK Health Care	-6.25%	
South Korea Materials	-6.82%	

2. Average Weight % - South Korea Materials Time Series



Average Weight	Average Weight vs EEM	Funds Invested %	Funds O/W %	Fund AUM, \$
0.32%	-0.49%	41.5%	13.92%	\$970M

3.15%

2.94%

2.65%

2.57%

2.47%

2.44%

2.21%

2.19%

2.09%

2.07%

6: Funds Invested % - LG Chem vs POSCO



3. Aggregate Stock Ownership Metrics, Ranked by Most Widely Held As of 5/31/2024

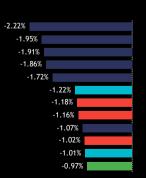
Ticker	Stock Name	Funds Invested %	Average Weight %	Average Weight vs	Fund AUM \$
051910-KR	LG Chem Ltd.	22.44%	0.12%		\$489M
051915-KR	LG Chem Ltd Pfd Registered	6.82%	0.02%	0.00%	\$56M
005490-KR	POSCO Holdings Inc.	6.82%	0.04%	-0.22%	\$102M
004020-KR	Hyundai Steel Company	5.68%	0.01%		\$29M
014680-KR	Hansol Chemical Co., Ltd	3.98%	0.04%	0.04%	\$110M
011780-KR	Kumho Petrochemical Co., Ltd.	3.98%	0.01%		\$11M
010060-KR	OCI Co., Ltd	3.98%	0.01%	0.01%	\$21M
010130-KR	Korea Zinc Co., Ltd.	3.69%	0.01%		\$32M
011170-KR	Lotte Chemical Corp.	2.56%	0.00%		\$18M
361610-KR	Sk le Technology Co., Ltd.	2.27%	0.00%		\$3M
003670-KR	POSCO Chemical Co., Ltd.	2.27%	0.00%		\$4M
004000-KR	LOTTE Fine Chemical Co,. Ltd.	1.99%	0.00%	0.00%	\$2M

4. Aggregate Stock Ownership Changes, Ranked by Change in Funds Invested. Between 11/30/2023 and 5/31/2024

Ticker	Stock Name	Funds Invested	Ave Wgt % Δ	Fund Flows, \$
011780-KR	Kumho Petrochemical Co., Ltd.	1.14%	0.00%	\$3M
001570-KR	Kum Yang Co., Ltd.	1.14%		\$3M
361610-KR	Sk le Technology Co., Ltd.	0.57%	0.00%	\$2M
014680-KR	Hansol Chemical Co., Ltd	0.57%		\$42M
002380-KR	KCC Corporation	0.57%	0.00%	\$0M
003670-KR	POSCO Chemical Co., Ltd.	0.28%		\$0M
011790-KR	SKC Co., Ltd.			(\$3M)
000880-KR	Hanwha Corp			\$0M
010060-KR	OCI Co., Ltd			
004000-KR	LOTTE Fine Chemical Co,. Ltd.			
005490-KR	POSCO Holdings Inc.	-4.83%		(\$182M)
051910-KR	LG Chem Ltd.			(\$385M)

7. Largest Closing Positions Between 11/30/2023 and 5/31/2024

Fund Name	New
Mirabaud - Equities Global Emerging Markets	Close
abrdn Emerging Markets Sustainable Leaders Fund	Close
abrdn SICAV I - EM Sustainable Equity Fund	Close
abrdn Emerging Markets Fund	Close
John Hancock Emerging Markets Equity Fund	Close
JPMorgan Funds - Emerging Markets Opportunities	Close
AQR Emerging Multi-Style II Fund	Close
Global Advantage Funds - Emerging Markets High V	Close
Dunham Emerging Markets Stock Fund	Close
Oaktree (Lux.) Funds - Emerging Markets Equity	Close
Jyske Invest Nye Aktiemarkeder KL	Close
Evli Gem Fund	Close





Source: Factset, Copley Fund Research

South Korea Materials: GEM Fund-Level Ownership and Activity Summary

3.15%

0.77%

0.68%

0.68% 0.66%

0.61%

0.48%

0.45%

0.33%

2.94%

2 65%

2.57%

2.47%

2.44%

2 21%

2.19%

2.09%

2.07%

1.83%

1.73%

Average Weight Δ

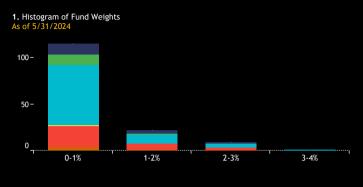
-1.72%

-1.86%

-1.91%

-2.22%

-2.35%



4. Largest Fund Weights, % As of 5/31/2024

Fund Name

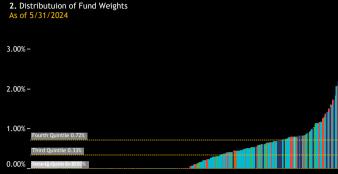
Vaughan Nelson Emerging Markets Fund Carmignac Portfolio - Emerging Discovery Carmignac Emergents Skyline Umb. Fd. ICAV - ARGA Emerging Mark. PIMCO RAE Emerging Markets Fund Ashmore SICAV - Emerging Markets Equity ES.. JSS Investmentfonds - Systematic Equity Eme.. Martin Currie SMASh Series EM Fund Sparinvest Value Emerging Markets Fidelity Emerging Markets Discovery Fund Templeton Emerging Markets Small Cap Fund Calvert Emerging Markets Equity Fund

Funds Invested Δ

-6.829

7. Largest Changes in Fund Weight Between 11/30/2023 and 5/31/

Fund Name	New or.
Victory Sophus Emerging Markets Fund	New
Matthews Emerging Markets Small Companie	New
Calvert Emerging Markets Equity Fund	
AB FCP II - Emerging Market Value Portfolio	New
Most Diversified Port TOBAM Anti-Benchm	New
Federated Hermes Invt. Funds - Global Emer	
Pictet - Global Multi Asset Themes	New
Delaware Emerging Markets Fund	New
John Hancock Emerging Markets Equity Fund	Close
abrdn Emerging Markets Fund	Close
abrdn SICAV I - EM Sustainable Equity Fund	Close
abrdn Emerging Markets Sustainable Leaders	Close
Magellan	
Comgest Growth Plc - Emerging Markets	
Mirabaud - Equities Global Emerging Markets	Close
Ashmore SICAV - Emerging Markets Equity ES	





New Positions

8

Fund Name

8. Largest Estimated Fund Flows, \$

Federated Hermes Invt. Funds - Global Emer..

Pacific Capital UCITS Funds Plc - North of So..

T Rowe Price Emerging Markets Discovery St..

John Hancock Emerging Markets Equity Fund

Most Diversified Port. - TOBAM Anti-Benchm.. New

JPMorgan Funds - Emerging Markets Opportu.. Close

Fidelity Inv. Trust - Emerging Markets Opport.. Close

GQG Partners Emerging Markets Equity Fund Close

T Rowe Price Emerging Markets Stock Fund

Allspring Emerging Markets Equity Fund

Fidelity Series Emerging Markets Fund

abrdn Emerging Markets Fund

Invesco Developing Markets Fund

Between 11/30/2023 and 5/31/2

Delaware Emerging Markets Fund

PIMCO RAE Emerging Markets Fund

Calvert Emerging Markets Equity Fund



Closed Positions

New .

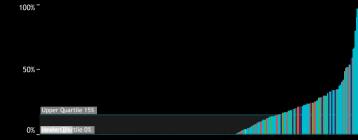
New

Close

Close

Close

3. Z-Score of Fund Weights Between 1/31/2008 and 5/31/2024



6. Largest Stock Level Fund Weights, % As of 5/31/2024

Martin Currie SMASh Series EM Fund PIMCO RAE Emerging Markets Fund Sparinvest Value Emerging Markets Vaughan Nelson Emerging Markets Fu	
Sparinvest Value Emerging Markets	POSCO Holdings Inc.
Carmignac Emergents	LG Chem Ltd.
CM-AM Global Emerging Markets Vontobel Fund II - MTX Sustainable E Ashmore Emerging Markets Equity Fu Magna Umbrella Fund Plc - Emerging	Hansol Chemical Co., Ltd



2.94%

Funds Buying 46

\$160M

\$36M

\$24M

\$18M

\$11M

\$6M

\$6M

\$6M

\$6M

(\$17M)

(\$21M) (\$22M)

(\$28M)

(\$31M)

(\$94M)

(\$109M)

(\$186M)

Funds Selling

Estimated Net Fund Flows, \$

9. Largest Changes in Stock Weight Between 11/30/2023 and 5/31/

Stock Name	New o		
Hansol Chemical Co., Ltd	New		0.88%
Hansol Chemical Co., Ltd	New		0.79%
LG Chem Ltd.	New		0.77%
Advanced Nano Products Co.,	New		0.68%
LG Chem Ltd.			0.66%
Kumho Petrochemical Co., Ltd.	New		0.57%
LG Chem Ltd.			0.51%
Korea Zinc Co., Ltd.	New		0.45%
LG Chem Ltd.	Close -1.72%	6	
LG Chem Ltd.	Close -1.79%	5	
LG Chem Ltd.	Close		1.86%
LG Chem Ltd.	Close	-	1.91%
LG Chem Ltd.	Close	-	1.95%
LG Chem Ltd.		-2.18%	
LG Chem Ltd.		-2.22%	
LG Chem Ltd.	Close	-2.22%	
	Hansol Chemical Co., Ltd Hansol Chemical Co., Ltd LG Chem Ltd. Advanced Nano Products Co., LG Chem Ltd. Kumho Petrochemical Co., Ltd. LG Chem Ltd.	Hansol Chemical Co., Ltd New Hansol Chemical Co., Ltd New LG Chem Ltd. New Advanced Nano Products Co., New LG Chem Ltd. Kumho Petrochemical Co., Ltd New LG Chem Ltd. Korea Zinc Co., Ltd. New LG Chem Ltd. Close -1.72% LG Chem Ltd. Close -1.72% LG Chem Ltd. Close LG Chem LG Close LG Close LG Chem LG Close LG Close LG Close LG Close LG Close LG Close	Hansol Chemical Co., Ltd New Hansol Chem Ltd. New Hansol Chem Ltd. New Hansol Chem Ltd. New Hansol Chem Ltd. Close -1.72% Hansol Chem Ltd. Close -1.72% Hansol Chem Ltd. Close Hansol Close Hansol Chem Ltd. Close Hansol



-1.95% -2.18% -2.22%

Source: Factset, Copley Fund Research

Taiwan Financials: Contrarian's Dream

Taiwan Financials represent a structural and deliberate underweight for active emerging market eauity funds. They are the largest country/sector underweight in the entire EM complex, with current levels at -1.54% below benchmark the lowest on record (chart 2). A sianificant 91.5% of funds are positioned underweight in the sector (chart 4). Compared to Financials exposure in other countries, Taiwan Financials are the third-largest weight in the iShares MSCI EM ETF (chart 8) but rank as the ninth-laraest in active EM funds (chart 9). What sets the underweight in Taiwan Financials apart is the lack of outright ownership. with only 27.5% of funds holding any exposure at all. Chart 11 illustrates how an increasing number of funds have exited the sector entirely, unlike other major EM markets where managers typically maintain at least some Financials exposure.

The stock picture in chart 6 highlights just how out of favor Taiwanese financial companies are with EM investors. The most widely held stock is CTBC Financial Holding Co., owned by 18.2% of funds at an average weight of 0.17%, or underweight compared to the benchmark by -0.09%. No other company is owned by more than 10% of managers, and all are held at 60.00% weights lower than the MSCI EM index. Over the last six months, company-level activity shows a rise in investment levels for CTBC Financial, but this increase is more than offset 40.00% by declining exposure in E.SUN Financials. Cathay Financials, and China Development Financials.

If the contrarian in you is looking for a sector that's unloved, underowned, and underweight, then look no further.

1.29%

1.27%

1.01%

0.91%

0.67%

0.54%

0.51%

0.50%

0.47%

0.43%

0.29%

0.24%

0.15%

0.15%

0.15%

0.15%

0.13%

Average Weight	Average Weight vs EEM	Funds Invested %	Funds O/W %	Fund AUM, \$	288
3 3					288
0.49%	-1.54%	27.6%	8.52%	\$1,389M	288

20.00%

0.00%

2. Average Weight vs EEM

4. Percentage of Funds O/W

Jun 1008 Apr 10 Aar 11 Aar 11 Aar 11 Aar 13 Aar 13 Aar 22 Aar 22 Jul 18 Aar 22 Aar 22 Jun 19 Aar 22 Aar 22 Jun 19 Aar 22 Jun 19 Aar 22 Jun 18 Aar 20 Aar 20

4.83%

3.61%

1.73%

1.69%

1.68%

1.06%

1.00%

0.00%

-1.00%

8. Financials - iShares EEM ETF Weight per Country As of 5/31/2024

China & HK Financials India Financials Taiwan Financials Saudi Arabia Financials South Korea Financials Brazil Financials South Africa Financials Indonesia Financials Kuwait Financials Malaysia Financials United Arab Emirates Financials Oatar Financials Poland Financials Mexico Financials Greece Financials Turkey Financials Philippines Financials Peru Financials Hungary Financials Chile Financials Thailand Financials

4.71% India Financia 4.43% China & HK F 2.02% South Korea 1.73% Indonesia Fir Brazil Financ Mexico Finan South Africa Saudi Arabia

Taiwan Finar

Greece Finar

Peru Financia

Thailand Fina

Poland Finan

Malaysia Fina

Hungary Fina

United Arab

Turkey Finar

Philippines F

Chile Financi

Qatar Financ

Colombia Fin

9. Financials - Average Fund Weight per Country As of 5/31/2024

Financials 1.7 ancials 1.6 ials 1.6 cials 1.6 Financials 0.84% Financials 0.54% cials 0.46% cials 0.46% ls 0.36% ncials 0.33% ncials 0.27% Emirates Financials 0.27% cials 0.27% als 0.15%	als	
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als 0.12% als 0.07%	cials	
ials 0.07%	nancials	0.15%
ancials 0.06%	ials	
	ancials	0.06%

10. Financials - Average Weight vs EEM per Country As of 5/31/2024

3. Average Weight %

1.50%

1.00%

0.50%

0.00%

60.00%

40.00%

20.00%

0.00%

Indonesia Financials
Mexico Financials
South Korea Financials
Brazil Financials
India Financials
Kazakhstan Financials
Thailand Financials
Peru Financials
Greece Financials
United Kingdom Financials
Turkey Financials
Egypt Financials
Poland Financials
South Africa Financials
Malaysia Financials
United Arab Emirates Financials
Qatar Financials
Kuwait Financials
China & HK Financials
Saudi Arabia Financials
Taiwan Financials

Jun08 Apr109 Apr109 Apr10 Apr11 Apr11 Apr11 Jul18 Jul18 Apr21 Apr21 Apr21 Apr21 Apr21 Jan24 Jan24

5. Percentage of Funds Invested, %

0.78% 0.62% 0.44% 0.42% 0.40% 0.30% 0.22% 0.20% 0.16% 0.15% -0.03% -0.04% -0.13% -0.17% -0.25% -0.26% -0.43% -0.63% -1.10%

-1.54%

-1.18%

6. Aggregate Stock Ownership Metrics, Ranked by Most Widely Held As of 5/31/2024

Ticke

2891

2881

2882 288

288

2886

2892

2890

5880 2801

2887

5876

27.56%

er	Stock Name	Funds Invested %	Average Weight %	Average Weight vs	Fund AUM \$
-TW	CTBC Financial Holding Comp	18.18%	0.17%	-0.09%	\$431M
-TW	Fubon Financial Holding Co.,	8.81%	0.05%		\$165M
2-TW	Cathay Financial Holdings Co	8.24%	0.06%		\$177M
5-TW	Yuanta Financial Holding Co	7.39%	0.04%		\$65M
I-TW	E.SUN Financial Holding Co.,	6.25%	0.04%	-0.12%	\$91M
5-TW	Mega Financial Holding Co., L	5.68%	0.03%		\$94M
2-TW	First Financial Holding Co. Ltd.	5.40%	0.03%		\$51M
)-TW	SinoPac Financial Holdings Co	5.40%	0.02%		\$90M
)-TW	Taiwan Cooperative Financial	4.26%	0.01%		\$82M
-TW	Chang Hwa Commercial Bank	3.98%	0.01%		\$39M
7-TW	Taishin Financial Holdings Co	3.41%	0.01%		\$11M
5-TW	Shanghai Commercial & Savin	3.13%	0.01%		\$35M

7. Aggregate Stock Ownership Changes, Ranked by Change in Funds Invested. Between 11/30/2023 and 5/31/2024

Ticker	Stock Name	Funds Invested	Ave Wgt % ∆	Fund Flows, \$
2891-TW	CTBC Financial Holding Comp	3.69%	0.05%	\$59M
2890-TW	SinoPac Financial Holdings Co	0.85%	0.00%	\$1M
2880-TW	Hua Nan Financial Holdings C	0.28%	0.00%	
6005-TW	Capital Securities Corp.	0.28%	0.00%	\$0M
2850-TW	Shinkong Insurance Co., Ltd.	0.28%	0.00%	\$1M
2887-TW	Taishin Financial Holdings Co	-0.85%		(\$7M)
2886-TW	Mega Financial Holding Co., L	-0.85%		(\$2M)
2883-TW	China Development Financial			(\$3M)
2882-TW	Cathay Financial Holdings Co			
2884-TW	E.SUN Financial Holding Co.,			

11. Financials - Funds Invested per Country Time-Series





Source: Factset, Copley Fund Research

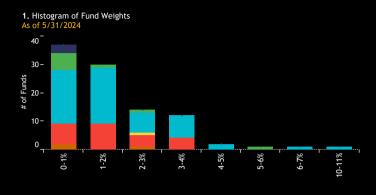
Taiwan Financials: GEM Fund-Level Ownership and Activity Summary

10.84%

2.89%

1.91%

1.34%



4. Largest Fund Weights, % As of 5/31/2024

Fund Name	
White Fleet - OLZ Equity Emerging Market Op.	
AXA World Funds SICAV - Emerging Markets R	6.40%
Fidelity SAI Emerging Markets Low Volatility I	5.80%
Celsius Invt. Fd. SICAV - Sustainable Em. Mark.	4.19%
UBAM - Positive Impact Emerging Equity	4.02%
UNI-GLOBAL - Equities Emerging Markets	3.99%
KBC Equity Fund - Emerging Markets Responsi	3.91%
Ohman Emerging Markets	3.83%
Robeco Capital Gr. Fds QI Emerging Conser.	3.80%
BlackRock Defensive Advantage Emerging Mar.	3.80%
Virtus Emerging Markets Opportunities Fund	2 75%

As of 5/31/2024 10.00%-5.00%-Fourth Ouintile 1.39% 0.00%

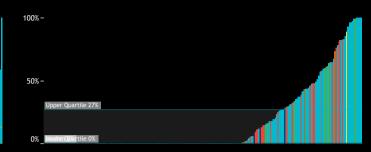


2. Distributuion of Fund Weights









6. Largest Stock Level Fund Weights, % As of 5/31/2024

athay Financial Holdings Co., Ltd.
TBC Financial Holding Company Ltd.
SUN Financial Holding Co., Ltd.
ubon Financial Holding Co., Ltd.
athay Financial Holdings Co., Ltd.
irst Financial Holding Co. Ltd.
TBC Financial Holding Company Ltd.
TBC Financial Holding Company Ltd.
TBC Financial Holding Company Ltd.
uanta Financial Holding Co. Ltd.
lega Financial Holding Co., Ltd.
TBC Financial Holding Company Ltd.
u a ir T T



Funds Invested Δ	Average Weight Δ	# New Positions	# Closed Positions	# Funds Buying	# Funds Selling	Estimated Net Fund Flows, \$
-0.85%	0.00%	3	6	29	48	(\$23.9M)

7. Largest Changes in Fund Weight Between 11/30/2023 and 5/31/2024

Fund Name Virtus Emerging Markets Opportunities Fund	New or		
Hartford Emerging Markets Equity Fund			1.9
BlackRock UCITS Funds - Emerging Markets A			1.34%
KBC Equity Fund - Emerging Markets			1.30%
BlackRock Advantage Emerging Markets Fund			1.13%
Allianz Intl. Invt. Fds Emerging Markets Eq	New		1.02%
Allianz Global Investors Fund - Emerging Mar	New		0.99%
JSS Investmentfonds - Systematic Equity Em			0.92%
Candriam Sustainable - Equity Emerging Mar		-0.73%	
SEB Emerging Marketsfond		-0.76%	
SEI Global Master Fund Plc - Emerging Marke		-0.78%	
Raiffeisen Sustainable Emerging Markets Equ		-0.79%	
BlackRock Defensive Advantage Emerging Ma.		-0.88%	
Celsius Invt. Fd. SICAV - Sustainable Em. Mar.		-0.92%	
Barrow Hanley Concentrated Emerging Mark	Close -2.639		
Global Advantage Funds - Emerging Markets	Close -2.82%		

Source: Factset, Copley Fund Research

8. Largest Estimated Fund Flows, \$ Between 11/30/2023 and 5/31/2024

Fund Name	New.
Fidelity SAI Emerging Markets Low Volatility	
Principal Funds, Inc Origin Emerging Marke	
KBC Equity Fund - Emerging Markets	
Robeco QI Customized Emerging Markets Enh	
Hartford Emerging Markets Equity Fund	
KBC Equity Fund - Emerging Markets Respons	
Virtus Emerging Markets Opportunities Fund	
BlackRock UCITS Funds - Emerging Markets A	
SEI Global Master Fund Plc - Emerging Marke	
Caixabank Master Renta Variable Emergente	
Candriam Equities L - Emerging Markets	
SEI Institutional Intl. Trust - Emerging Marke	
Mercer Emerging Markets Equity Fund	
Ohman Emerging Markets	
Celsius Invt. Fd. SICAV - Sustainable Em. Mar	
Candriam Sustainable - Equity Emerging Mar	



(\$17M) (\$18M)

9. Largest Changes in Stock Weight Between 11/30/2023 and 5/31/2024

Fund Name	Stock Name	New o		
Hartford Emerging Markets Equity	CTBC Financial Holding Comp	New		1.69
KBC Equity Fund - Emerging Markets	CTBC Financial Holding Comp			1.51
Amonis Equity Emerging Markets	CTBC Financial Holding Comp	New		1.21%
Candriam Sustainable - Equity Em	CTBC Financial Holding Comp	New		1.16
Virtus Emerging Markets Opportun	Yuanta Financial Holding Co	New		1.15%
BlackRock Advantage Emerging Ma	CTBC Financial Holding Comp			1.079
BlackRock UCITS Funds - Emerging	CTBC Financial Holding Comp			1.04%
Allianz Intl. Invt. Fds Emerging	CTBC Financial Holding Comp	New		1.02%
Global Advantage Funds - Emergin	CTBC Financial Holding Comp	Close	-0.75%	
Celsius Invt. Fd. SICAV - Sustainab	Fubon Financial Holding Co.,		-0.75%	
Global Advantage Funds - Emergin	Fubon Financial Holding Co.,	Close	-0.76%	
Amonis Equity Emerging Markets	E.SUN Financial Holding Co.,	Close	-0.79%	
Segall Bryant & Hamill Emerging M	Fubon Financial Holding Co.,	Close	-1.04%	
BlackRock Defensive Advantage E	Chang Hwa Commercial Bank	Close	-1.39%	
Candriam Sustainable - Equity Em	E.SUN Financial Holding Co.,	Close	-1.88%	
Barrow Hanley Concentrated Emer	Cathay Financial Holdings Co	Close		-2.63%







Methodology

Copley uses Factset Ownership data for the majority of its source holdings. This data benefits from various inputs such as fund interim and monthly statements, 13F Forms, and other timely sources utilized by Factset. For US funds, data is usually updated quarterly with varying degrees of lag. However, due to agreements with asset management firms and the incorporation of press releases, Factset often provides updates more quickly. By leveraging these additional sources, Factset ensures a shorter time lag for many data points beyond the standard quarterly fund statements. Copley uses the latest published holdings for each fund and adjusts weights based on price movements between the last filing and the end of the most recent month. The typical average lag ranges from 60 to 90 days depending on the time of year.

For benchmark comparisons, we use the iShares MSCI Emerging Markets ETF, proportionally adjusted to remove any cash holdings. All Fund Flow calculations are on a best estimates basis. We use monthly position changes and month end prices to estimate the net buying and selling value for each stock within each fund in our analysis.





Calculations

Copley uses 6 key measures of fund ownership throughout our analysis. Our chart packs presents these metrics in formats such as time series, snapshots at specific points, or comparisons between two time periods.

Average Weight: The sum of all fund weights in any dimension (region, country, sector, industry, stock) divided by the total number of funds (352) in the analysis.

Average Weight vs EEM: The average weight minus the weight in the iShares MSCI Emerging Markets ETF (cash removed and weights adjusted).

Funds Invested %: The total number of funds with any exposure to a dimension divided by the total number of funds (352) in the analysis.

Funds O/W: The total number of funds with a larger weight in any dimension than the iShares MSCI Emerging Markets ETF, divided by the total number of funds (352) in the analysis.

AUM, \$: The combined AUM allocated to a particular dimension across the 352 active GEM funds in our analysis, in US Dollars

Estimate Fund Flows, \$: The difference in share quantity between 2 periods for each stock in a fund multiplied by the price. These figures are rolled up to provide aggregate fund flows across countries, sectors and stocks.





Style Classifications

Each fund is split into a Style category based on the P/E and P/B ratios of their portfolio compared to the benchmark

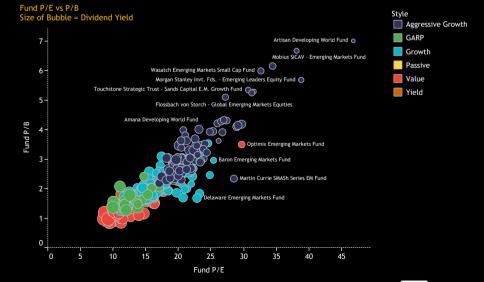
Aggressive Growth: At least 70% of the portfolio in stocks with a higher P/E than the iShares MSCI Emerging Markets ETF average, and at least 70% with a higher P/B ratio.

Growth: At least 50% of the portfolio in stocks with a higher P/E than the iShares MSCI Emerging Markets ETF average, and at least 50% with a higher P/B ratio.

Value: Either by the fund description, or at least 50% of the portfolio in stocks with a lower P/E ratio than the iShares MSCI Emerging Markets ETF average, and at least 50% with a lower P/B ratio

Yield: As per the fund description only (i.e Yield, Dividend, Income funds).

GARP: All other iterations that do not fit under the above classifications.







Sentiment Grid

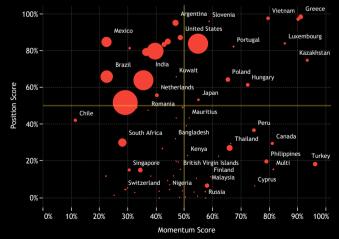
We use the Sentiment Grid in our analysis as a way of combining long-term positioning with shorter dated manager activity across all dimensions (country, sector, stock). Here we outline the metrics that go in to the Sentiment Grid calculation.

The Y-Axis measures where today's ownership levels in each dimension sit relative to the long-term range. We calculate the Z-Score of today's average weight, funds invested % and funds o/w % relative to all monthly observations in our fund history (going back to 1/31/2008). A figure close to 100% would indicate today's positioning is close to its maximum ever level, a figure close to zero, the lowest.

The X-axis provides a measure of short-term fund activity, or 'Momentum', by looking at the changes in average weight, funds invested %, funds o/w % and the net buyers vs sellers between 11/30/2023 and 5/31/2024, relative to each dimension. A figure above 50% means a dimension has seen relative increases in ownership, a figure below 50% indicates a relative decrease in positioning. The size of the bubble represents the average weight of each dimension

Country Sentiment Grid

Momentum Measure Between 11/30/2023 - 5/31/2024







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