





Introduction

In this data report, we analyse the holdings of actively managed Global Emerging Market Equity Funds. The current fund sample spans 270 funds with a combined AUM of \$358.51Bn. The majority of strategies benchmark the MSCI Emerging Markets Index

We analyse the latest published filings for all funds and aggregate together as of 1/31/2023. We show the most recent snapshot in positioning, time series data going back to 1/31/2008 and recent allocation shifts by the managers in our analysis.

Relative benchmark positioning is measured against the iShares MSCI Emerging Markets ETF (EEM) - proportionally adjusted to remove any cash holdings to better replicate the index.

All Cash 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.

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Regional Allocations

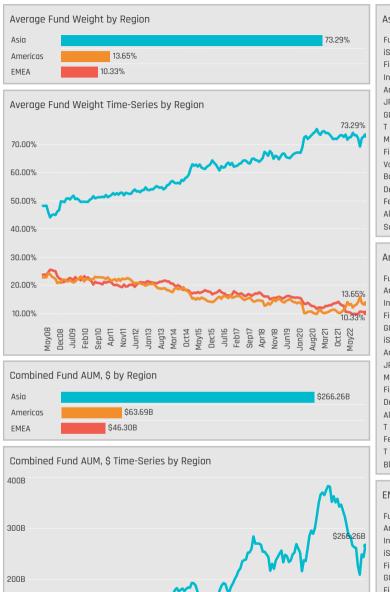








100B



Oct14 May15 Dec15 Jul16

Aug13

Mar14



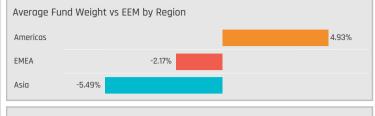


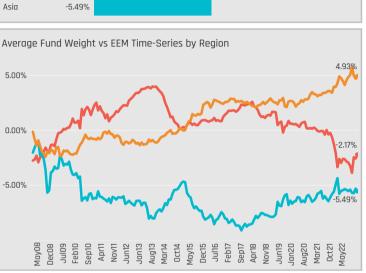


Regional Allocations Relative to Benchmark



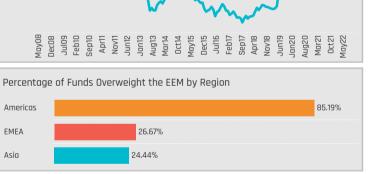






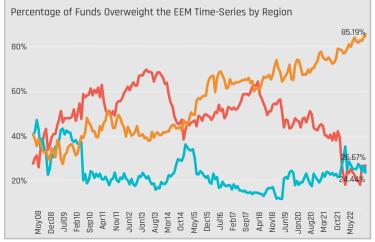










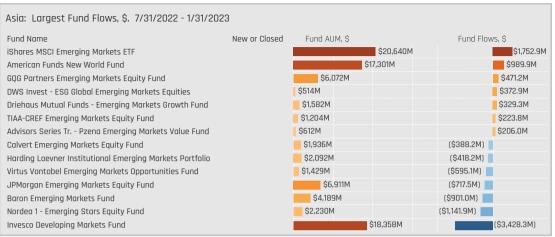




Regional Allocation Changes [Fund Level]













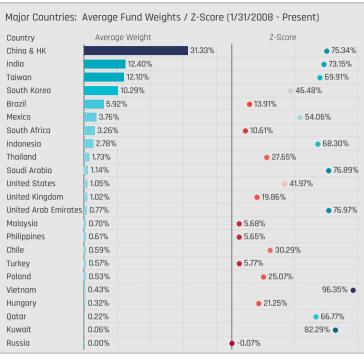


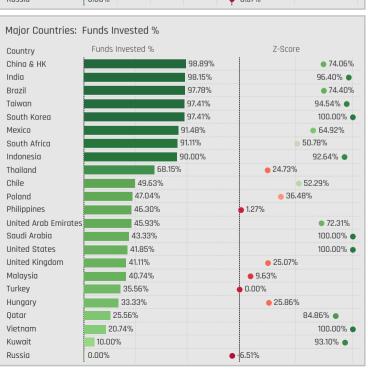




Country Allocations







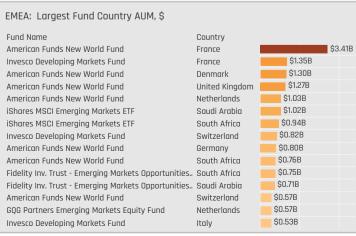












Country Allocations Relative to Benchmark



Country

China & HK

China & HK

China & HK

-33.31%

-33,31%

-33,31%

-31,74%

-23.98%

-22.53%

-22.29%

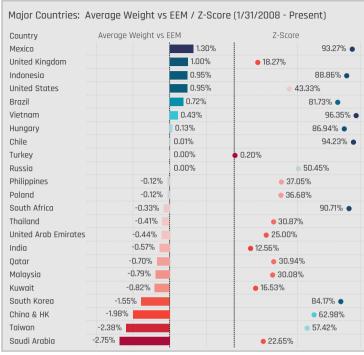
Asia: Laraest Fund Country Underweights, %

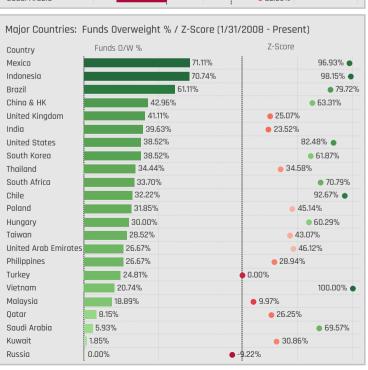
Pictet Global Selection Fund - Global Growing Mark.. China & HK

White Fleet - OLZ Equity Emerging Market Optimize.. China & HK

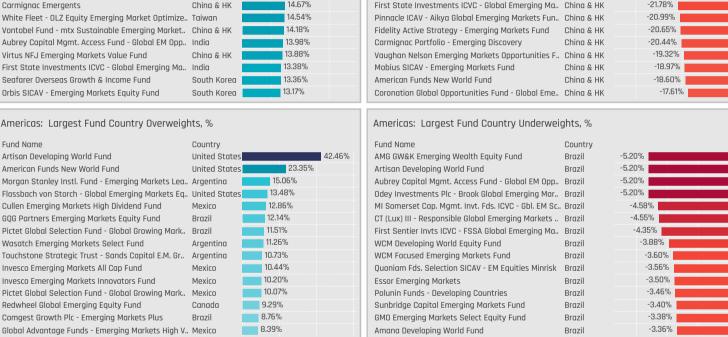
Redwheel Next Generation Emerging Markets Equit.. China & HK

First Sentier Investors ICVC - Stewart Inv. Glb. EM L., China & HK









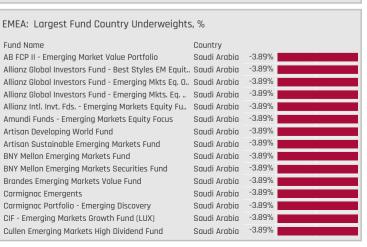
Fund Name

Evli Gem Fund

Amana Developing World Fund

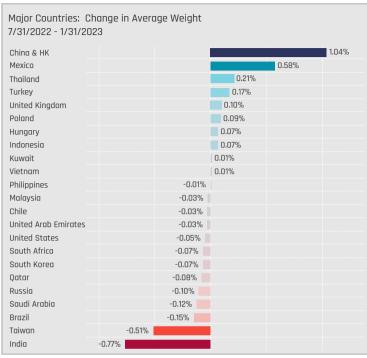
Wasatch Emerging Markets Select Fund

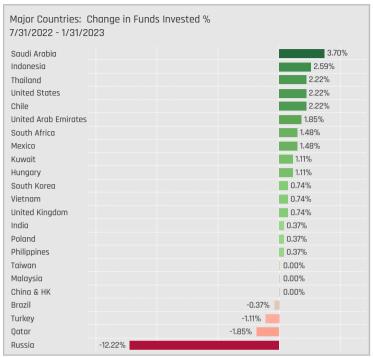


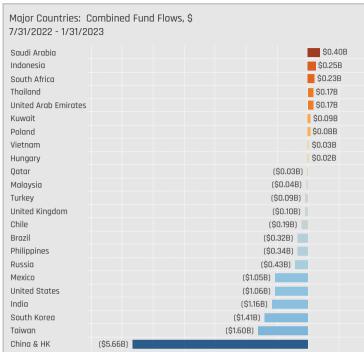


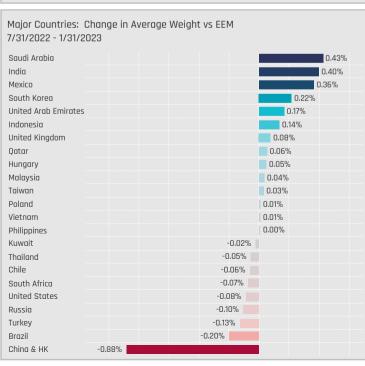
Country Allocation Changes [Aggregate]

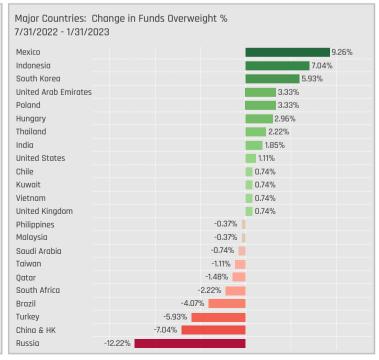


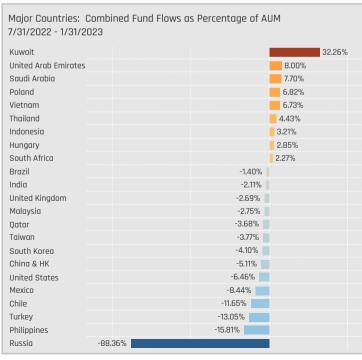








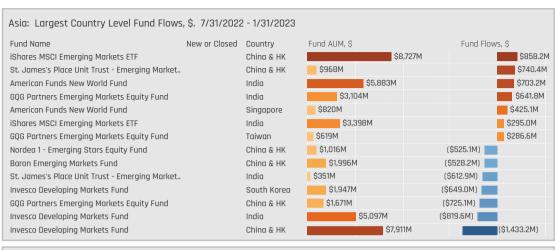


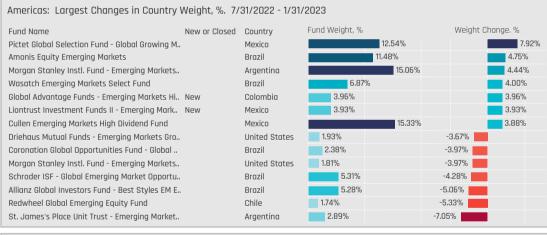


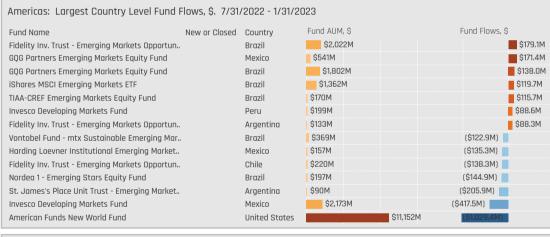
Country Allocation Changes [Fund Level]

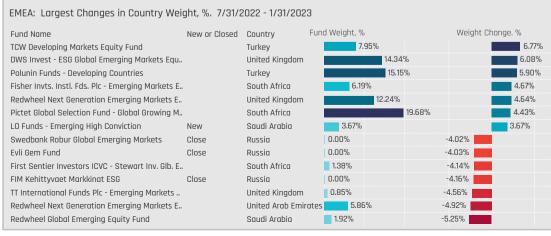


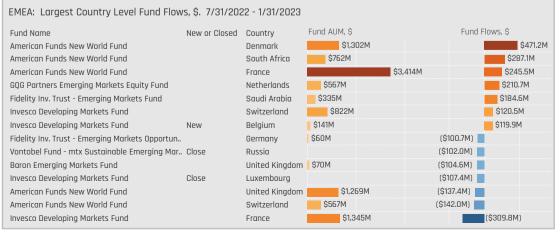








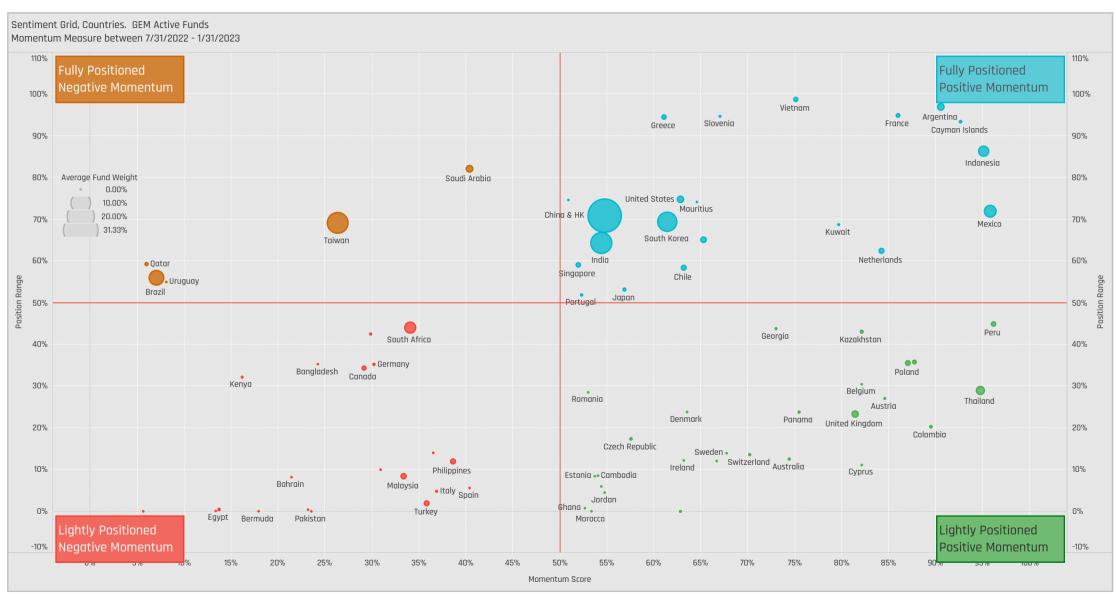




Country Sentiment Grid



We combine the latest Country positioning, long-term positioning and short-term fund activity in the 'Sentiment Grid', below. The Y-Axis measures where today's ownership levels in each Country sit relative to the long-term range. We calculate the Z-Score of today's average weight, funds invested % and funds 0/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 % and funds o/w % between 7/31/2022 and 1/31/2023, relative to each Country. A figure above 50% means a Country 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 Country.



Position Range: Average of: Z-Score Average Weight vs history Z-Score Funds Invested % vs history Z-Score Funds O/W % vs history Momentum Score: Average of: Change in Average Weight (Percentile vs Peers) Change in Funds Invested % (Percentile vs Peers) Change in Funds O/W % (Percentile vs Peers)





Sector Group Allocations



\$10.088

\$3.69B

\$3,23B

\$3,21B

\$1.82B

\$1,24B

Defensive: Largest Fund AUM. \$

American Funds New World Fund

Invesco Developing Markets Fund

iShares MSCI Emerging Markets ETF

Fidelity Inv. Trust - Emerging Markets Opportunities..

GOG Partners Emerging Markets Equity Fund

Fidelity Funds SICAV - Emerging Markets Fund

JPMorgan Emerging Markets Equity Fund

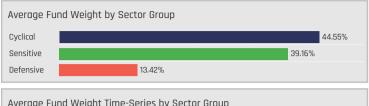
Fund Name

\$168.46B

\$154.24B









Sensitive

Defensive









\$53,44B



\$1.79B

Sector Group Allocations Relative to Benchmark









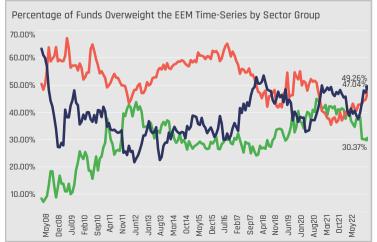














Sector Group Allocation Changes [Fund Level]













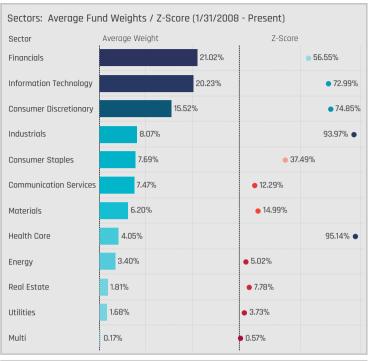


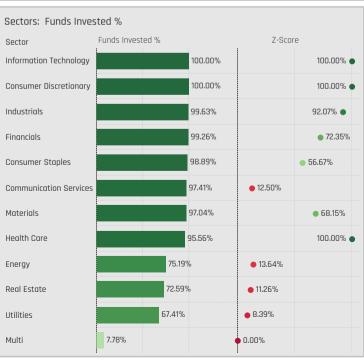




Sector Allocations



















Information Technology

Information Technology

Industrials

\$1,711.1M

\$1,704.2M

Fidelity Inv. Trust - Emerging Markets Fund

T Rowe Price Emerging Markets Stock Fund

Invesco Developing Markets Fund

Sector Allocations Relative to Benchmark



-5.75%

-5.75%

-5.75%

-5.36%

-4.66%

-4.57%

-4.50%

-4,34%

-4.21%

-4.19%

-4.19%

-4.16%

-4.03%

-4.03%

-21.13%

-21.13%

-20.90%

-19.58%

-18.73%

-18.24%

-16,93%

-16,64%

-15.72%

-14,73%

-14.56%

-14.21%

-13.55%

-12.98%

Consumer Staples

Consumer Staples

Defensive Sectors: Largest Fund Underweights, %

UBAM - Positive Impact Emerging Equity

Celsius Invt. Fd. SICAV - Sustainable Em. Markets

Baillie Gifford Overseas Growth Fund - Emer. Mkts. .. Consumer Staples

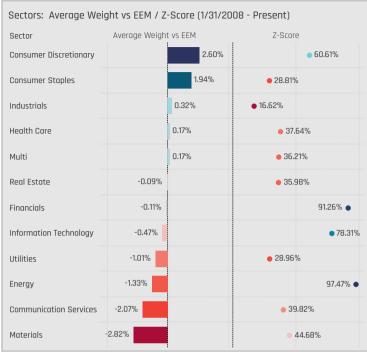
Baillie Gifford Overseas Growth Funds ICVC - EM. Gr., Consumer Staples

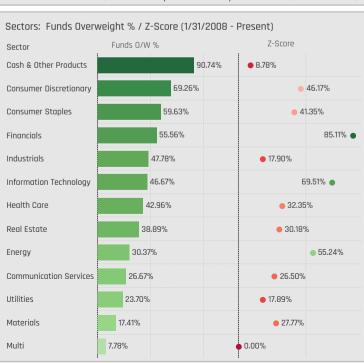
TT International Funds Plc - Emerging Markets Unc., Consumer Staples

Fisher Invts, Instl. Fds. Plc - Emerging Markets Equit., Consumer Staples

TT International Funds Plc - Emerging Markets Equi.. Consumer Staples

Fund Name







Consumer Discretionary

22.21%

20.99%

20.75%

17.66%

17,29%

17,17%

17.05%

15,95%

15.95%

15.91%

15.88%

15.84%

Cyclical Sectors: Largest Fund Overweights, %

First Sentier Invts ICVC - FSSA Global Emergina ... Consumer Discretionary

Morgan Stanley Instl. Fund - Emerging Markets ... Consumer Discretionary

Coronation Global Opportunities Fund - Global E... Consumer Discretionary

Aubrey Capital Mamt. Access Fund - Global EM O., Consumer Discretionary

Mirae Asset Discovery - Emerging Markets Great.. Consumer Discretionary

PineBridge Global Funds - Global Emer. Mkts. Fo., Consumer Discretionary

Pictet Global Selection Fund - Global Growing M., Financials

Fund Name

DNB Fund - Brighter Future

AMG GW&K Emerging Wealth Equity Fund

Sunbridge Capital Emerging Markets Fund

McInroy & Wood Emerging Markets Fund

Alger Funds II - Emerging Markets Fund

Virtus SGA Emerging Markets Growth Fund

Carmignac Emergents

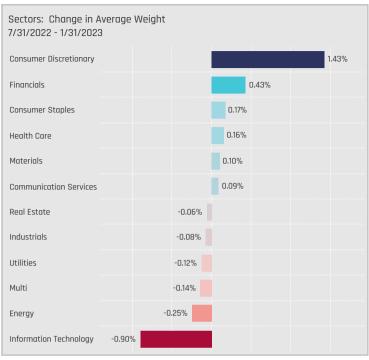


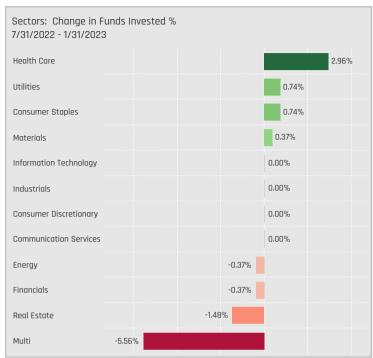


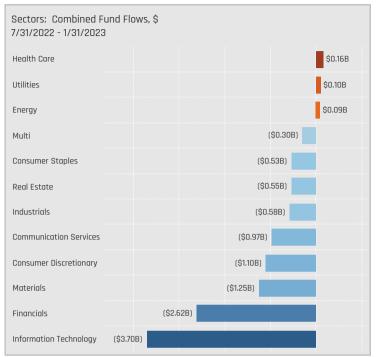


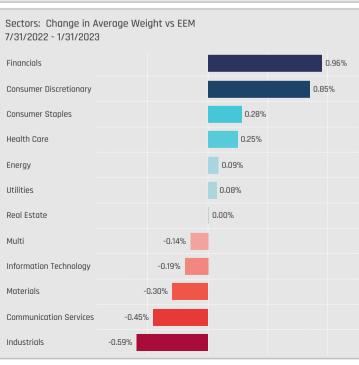
Sector Allocation Changes (Aggregate)

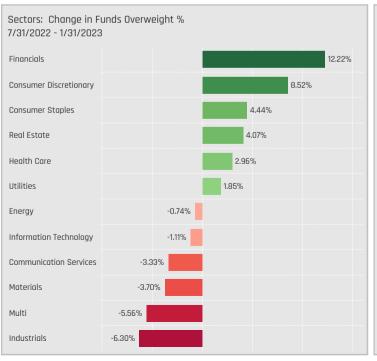


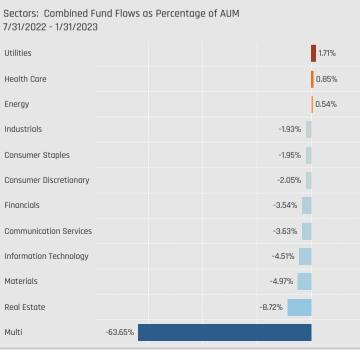












Sector Allocation Changes [Fund Level]

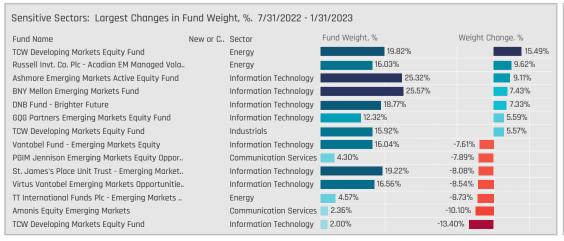


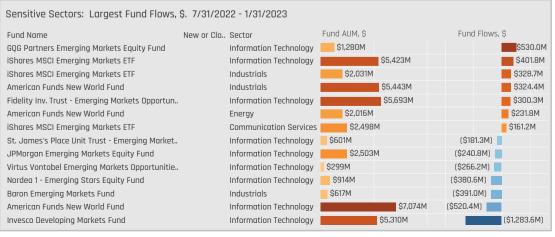












Sector Sentiment Grid



We combine the latest Sector positioning, long-term positioning and short-term fund activity in the 'Sentiment Grid', below. The Y-Axis measures where today's ownership levels in each Sector 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 % and funds o/w % between 7/31/2022 and 1/31/2023, relative to each Sector. A figure above 50% means a Sector 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 Sector.



Position Range: Average of: Z-Score Average Weight vs history Z-Score Funds Invested % vs history Z-Score Funds O/W % vs history





Country/Sector Allocations



Country	Country Sectors: Average Fund Weights											
			Defensive			Сус	lical				sitive	
Region	Country	Consumer Staples	Health Care	Utilities	Consumer Financials Materials Real Estate				Informatio Communic n Technol ation Ser			Industrials
Asia	China & HK	2.46%	1.92%	0.65%	9.23%	4.91%	0.96%	0.77%	1.62%	4.46%	0.60%	3.71%
	Taiwan	0.25%	0.06%	0.00%	0.29%	0.66%	0.11%	0.00%	9.70%	0.14%	0.00%	0.89%
	South Korea	0.37%	0.29%	0.00%	1.00%	1.53%	0.88%	0.00%	5.27%	0.39%	0.07%	0.48%
	India	0.94%	0.66%	0.35%	1.00%	4.51%	0.69%	0.15%	1.92%	0.35%	0.98%	0.77%
	Indonesia	0.16%	0.10%	0.02%	0.06%	1.78%	0.09%	0.02%	0.00%	0.35%	0.06%	0.14%
	Malaysia	0.07%	0.05%	0.01%	0.02%	0.28%	0.04%	0.00%	0.05%	0.04%	0.04%	0.08%
	Philippines	0.07%		0.00%	0.12%	0.14%	0.00%	0.15%		0.04%	0.00%	0.07%
	Thailand	0.27%	0.24%	0.03%	0.08%	0.51%	0.07%	0.05%	0.03%	0.08%	0.26%	0.11%
	Vietnam	0.10%		0.01%	0.03%	0.10%	0.03%	0.06%	0.06%		0.01%	0.01%
Americas	United States	0.05%	0.03%	0.01%	0.17%	0.01%	0.13%	0.01%	0.49%	0.03%	0.05%	0.07%
	Brazil	0.72%	0.29%	0.40%	0.33%	1.59%	0.74%	0.06%	0.30%	0.12%	0.65%	0.73%
	Mexico	0.87%	0.01%		0.72%	0.94%	0.40%	0.17%		0.24%	0.01%	0.40%
	Chile	0.07%		0.04%	0.11%	0.14%	0.17%	0.01%	0.00%	0.01%	0.02%	0.01%
EMEA	South Africa	0.33%	0.08%	0.00%	0.32%	1.00%	0.64%	0.02%	0.00%	0.76%	0.02%	0.08%
	Turkey	0.09%	0.02%	0.00%	0.09%	0.11%	0.03%	0.01%	0.01%	0.07%	0.07%	0.07%
	Hungary		0.13%			0.14%				0.01%	0.05%	0.00%
	Saudi Arabia	0.02%	0.05%	0.02%	0.04%	0.55%	0.16%	0.01%	0.02%	0.11%	0.10%	0.03%
	United Kingdom	0.26%	0.02%		0.02%	0.26%	0.30%		0.02%	0.04%	0.05%	0.05%
	Kuwait				0.01%	0.04%		0.00%		0.01%		0.00%
	Poland	0.19%		0.01%	0.01%	0.17%	0.05%	0.00%	0.03%	0.01%	0.05%	0.01%
	Qatar			0.01%	0.00%	0.13%	0.02%	0.00%		0.02%	0.01%	0.03%
	United Arab Emir	0.00%		0.02%	0.04%	0.26%	0.05%	0.29%	0.03%	0.02%	0.02%	0.04%

Country	Country Sectors: Funds Invested %											
			Defensive			Сус	lical			Sens	sitive	
Region	Country	Consumer Staples	Health Care	Utilities	Financials Materials		Real Estate	Informatio Communic n Technol ation Ser		Energy	Industrials	
Asia	China & HK	82.22%	80.00%	50.00%	97.78%	90.37%	58.15%	54.07%	79.26%	84.44%	34.44%	90.74%
	Taiwan	19.63%	8.52%	0.74%	36.30%	38.15%	17.41%	2.96%	96.67%	19.26%	1.11%	55.56%
	South Korea	38.15%	29.63%	3.70%	52.22%	58.52%	53.70%	1.48%	95.19%	36.30%	17.78%	42.22%
	India	57.41%	50.74%	33.33%	59.26%	90.00%	50.00%	20.74%	80.00%	35.93%	53.70%	57.41%
	Indonesia	27.04%	13.70%	5.19%	12.59%	80.37%	17.41%	4.44%	1.11%	36.30%	11.48%	23.70%
	Malaysia	14.44%	10.00%	3.70%	7.41%	28.89%	13.70%	3.70%	7.41%	10.00%	6.30%	16.30%
	Philippines	12.59%		4.44%	17.41%	19.26%	1.11%	19.63%		10.00%	9.26%	12.59%
	Thailand	25.19%	21.85%	7.41%	13.33%	46.67%	14.07%	12.96%	7.78%	11.11%	29.63%	12.59%
	Vietnam	6.67%		0.74%	2.96%	7.78%	2.96%	8.15%	4.07%		0.37%	1.48%
Americas	United States	3.33%	3.70%	1.11%	10.74%	1.85%	12.59%	0.74%	21.85%	1.48%	3.33%	5.93%
	Brazil	61.11%	34.81%	36.67%	44.44%	79.26%	49.63%	10.37%	35.56%	20.37%	44.44%	53.33%
	Mexico	52.96%	2.59%		48.52%	61.85%	37.04%	15.19%		23.33%	1.11%	40.37%
	Chile	9.63%		7.41%	18.15%	20.00%	25.56%	1.85%	0.37%	1.48%	4.81%	2.96%
EMEA	South Africa	35.93%	12.96%	1.85%	37.04%	64.07%	47.41%	6.67%	1.11%	44.07%	5.19%	12.59%
	Turkey	20.74%	1.11%	1.48%	13.70%	17.41%	5.19%	1.11%	1.48%	8.52%	12.96%	13.70%
	Hungary		15.56%			18.15%				3.33%	13.70%	0.37%
	Saudi Arabia	7.78%	11.48%	6.30%	8.89%	37.78%	18.15%	4.81%	5.56%	18.15%	17.04%	6.67%
	United Kingdom	12.22%	2.96%		2.59%	14.44%	20.00%		2.96%	5.19%	3.70%	5.56%
	Kuwait				3.33%	7.41%		1.11%		3.70%		3.33%
	Poland	21.48%		4.07%	5.19%	23.70%	11.85%	0.37%	7.78%	7.78%	11.48%	2.96%
	Qatar			2.59%	0.74%	20.37%	11.48%	1.48%		8.15%	3.33%	6.30%
	United Arab Emir.	0.37%		0.74%	8.89%	29.63%	10.74%	29.26%	4.81%	5.19%	3.70%	7.78%







Country/Sector Allocations Relative to Benchmark



			Defensive			Cyclical				Sensitive			
Region	Country	Consumer Staples	Health Care	Utilities	Consumer Financials Materials Real Estate				Informatio Communic n Technol ation Ser			Industrials	
Asia	China & HK	0.49%	0.00%	-0.12%	0.52%	-0.28%	-0.26%	-0.36%	-0.57%	-1.44%	-0.27%	0.28%	
	Taiwan	0.01%	0.01%	0.00%	0.02%	-1.23%	-0.76%	0.00%	-0.25%	-0.20%	-0.05%	0.05%	
	South Korea	0.05%	-0.26%	-0.06%	-0.12%	0.35%	-0.14%	0.00%	-0.97%	0.28%	-0.11%	-0.58%	
	India	-0.18%	0.06%	-0.30%	-0.27%	1.31%	-0.58%	0.08%	-0.07%	0.00%	-0.57%	-0.10%	
	Indonesia	-0.01%	0.06%	0.02%	0.06%	0.75%	-0.07%	0.02%	0.00%	0.17%	-0.03%	-0.01%	
	Malaysia	-0.14%	0.00%	-0.07%	-0.06%	-0.31%	-0.03%	0.00%	0.02%	-0.08%	-0.04%	-0.09%	
	Philippines	-0.03%		-0.04%	0.03%	-0.01%	0.00%	-0.06%		-0.01%	-0.01%	0.01%	
	Thailand	0.00%	0.05%	-0.19%	-0.07%	0.35%	-0.13%	-0.05%	-0.17%	-0.04%	-0.07%	-0.10%	
	Vietnam	0.10%		0.01%	0.03%	0.10%	0.03%	0.06%	0.06%		0.01%	0.01%	
Americas	United States	0.05%	-0.01%	0.01%	0.17%	0.01%	0.06%	0.01%	0.49%	0.03%	0.05%	0.07%	
	Brazil	0.29%	0.11%	-0.03%	0.14%	0.33%	-0.60%	0.06%	0.26%	0.03%	-0.17%	0.30%	
	Mexico	0.33%	0.01%		0.38%	0.51%	-0.01%	0.11%		-0.24%	0.01%	0.20%	
	Chile	0.06%		-0.02%	0.05%	-0.01%	-0.06%	0.01%	0.00%	0.01%	-0.02%	-0.01%	
EMEA	South Africa	0.18%	0.03%	0.00%	0.00%	-0.12%	-0.23%	-0.06%	0.00%	-0.17%	-0.03%	0.06%	
	Turkey	0.05%	0.02%	0.00%	0.03%	-0.01%	-0.03%	0.01%	0.01%	0.04%	-0.04%	-0.06%	
	Hungary		0.08%			0.04%				0.01%	0.00%	0.00%	
	Saudi Arabia	-0.06%	-0.11%	-0.11%	0.01%	-1.31%	-0.73%	-0.03%	-0.03%	-0.20%	-0.22%	0.01%	
	United Kingdom	0.26%	0.02%		0.00%	0.26%	0.30%		0.02%	0.04%	0.05%	0.05%	
	Kuwait				0.01%	-0.72%		-0.03%		-0.05%		-0.04%	
	Poland	0.13%		-0.02%	-0.03%	-0.10%	-0.02%	0.00%	0.00%	0.00%	-0.09%	0.01%	
	Qatar			-0.03%	0.00%	-0.51%	-0.10%	-0.02%		0.00%	-0.03%	-0.01%	
	United Arab Emir.	0.00%		0.02%	-0.02%	-0.32%	0.05%	0.13%	0.03%	-0.34%	0.02%	-0.01%	

Country	Country Sectors: Percentage of Funds Overweight the EEM											
			Defensive			Сус	lical		Sensitive			
Region	Country	Consumer Staples	Health Care	Utilities	Consumer Discretion.	Financials	Materials	Real Estate	Informatio n Technol	Communic ation Ser	Energy	Industrials
Asia	China & HK	47.41%	41.11%	31.85%	54.07%	44.81%	33.33%	29.63%	26.67%	34.44%	23.70%	52.59%
	Taiwan	16.67%	7.04%	0.74%	30.00%	13.33%	3.70%	2.96%	53.70%	11.85%	0.74%	37.78%
	South Korea	29.63%	14.81%	1.85%	35.56%	45.93%	35.56%	1.48%	38.52%	35.19%	12.22%	17.41%
	India	30.74%	38.15%	20.74%	31.11%	66.30%	22.22%	17.78%	40.37%	25.19%	26.67%	33.33%
	Indonesia	21.48%	12.22%	5.19%	12.59%	67.41%	10.74%	4.44%	1.11%	32.22%	8.52%	18.15%
	Malaysia	7.78%	8.15%	1.85%	3.33%	16.30%	10.37%	3.70%	6.67%	7.04%	4.44%	10.37%
	Philippines	9.26%		2.59%	13.33%	14.81%	1.11%	12.59%		8.52%	3.70%	11.11%
	Thailand	19.26%	18.52%	5.19%	9.63%	42.59%	11.11%	9.63%	4.81%	9.26%	23.70%	8.15%
	Vietnam	6.67%		0.74%	2.96%	7.78%	2.96%	8.15%	4.07%		0.37%	1.48%
Americas	United States	3.33%	2.59%	1.11%	10.74%	1.85%	11.48%	0.74%	21.85%	1.48%	3.33%	5.93%
	Brazil	49.63%	27.41%	29.63%	35.93%	55.56%	22.96%	10.37%	34.44%	17.78%	33.33%	40.37%
	Mexico	44.81%	2.59%		40.74%	55.93%	25.93%	13.33%		18.89%	1.11%	31.48%
	Chile	9.26%		7.04%	15.19%	13.33%	17.04%	1.85%	0.37%	1.48%	4.07%	2.59%
EMEA	South Africa	31.11%	11.48%	1.85%	27.78%	36.67%	30.74%	4.07%	1.11%	25.19%	4.07%	11.85%
	Turkey	18.89%	1.11%	1.48%	11.85%	14.44%	4.81%	1.11%	1.48%	8.15%	11.11%	9.26%
	Hungary		14.07%			17.04%				3.33%	13.70%	0.37%
	Saudi Arabia	4.81%	7.78%	3.70%	8.15%	9.26%	6.30%	3.33%	4.07%	11.11%	12.22%	6.30%
	United Kingdom	12.22%	2.96%		2.59%	14.44%	20.00%		2.96%	5.19%	3.70%	5.56%
	Kuwait				3.33%	0.74%		0.37%		2.59%		2.59%
	Poland	20.00%		2.96%	3.70%	17.04%	10.00%	0.37%	4.81%	7.41%	7.04%	2.96%
	Qatar			1.48%	0.74%	7.78%	5.56%	1.11%		6.30%	2.96%	4.81%
	United Arab Emir.	. 0.37%		0.74%	7.78%	18.15%	10.74%	27.04%	4.81%	1.85%	3.70%	5.19%

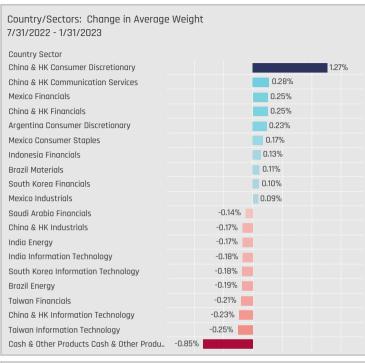


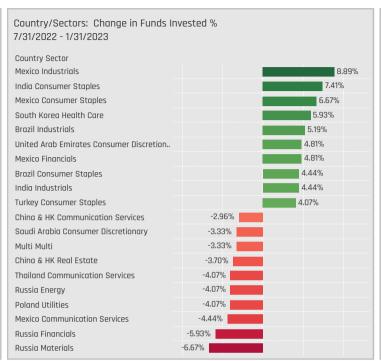


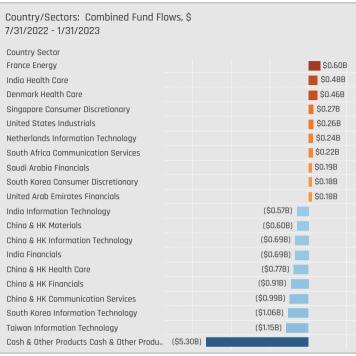


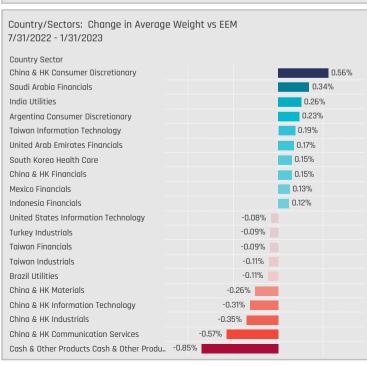
Country/Sector Allocation Changes [Aggregate]

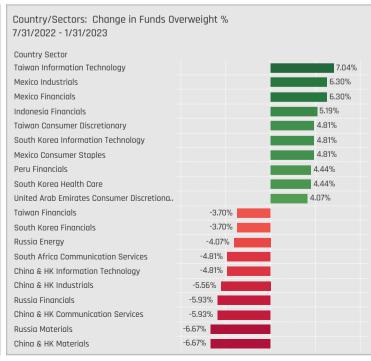


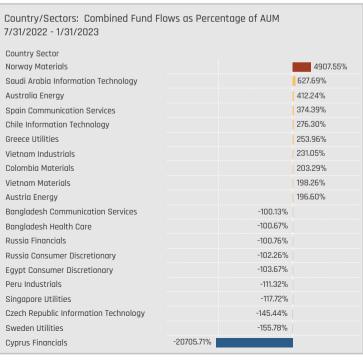






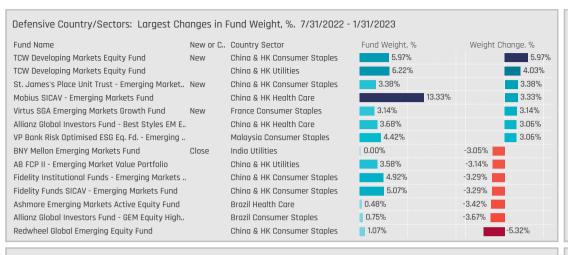


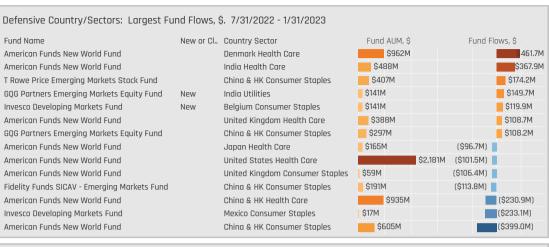




Country/Sector Allocation Changes [Fund Level]











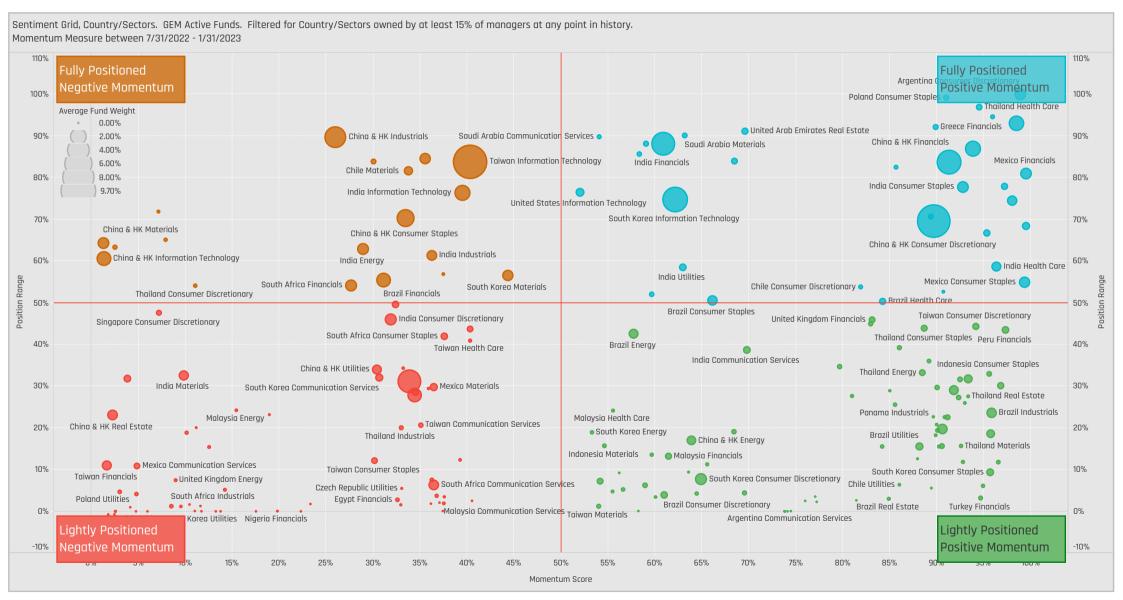




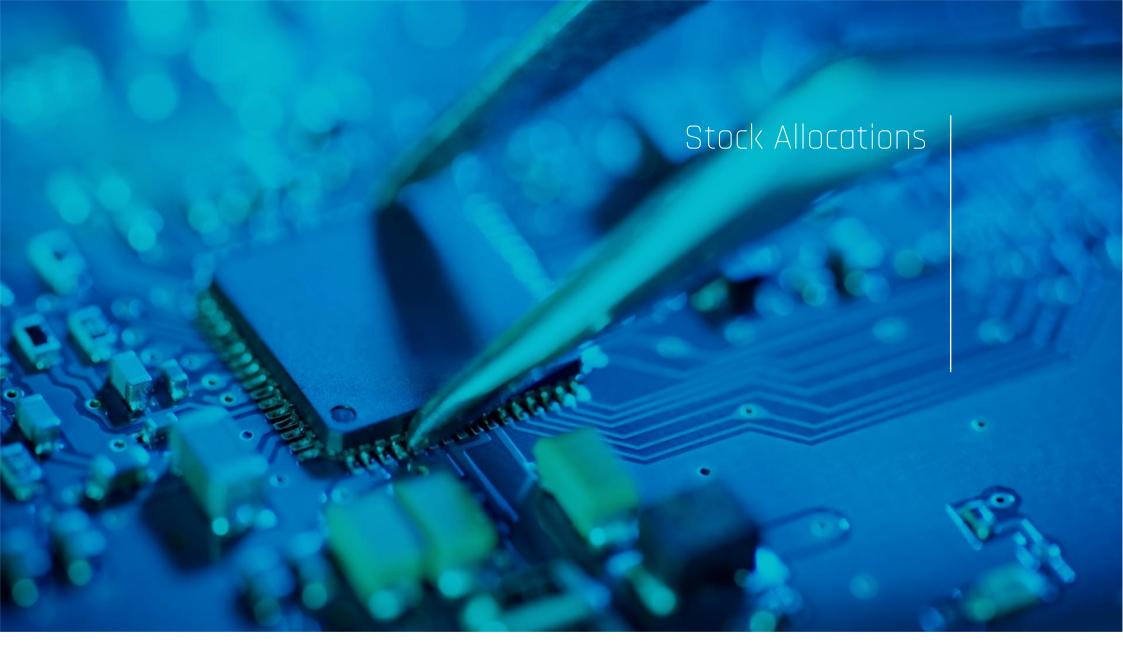
Country/Sector Sentiment Grid



We combine the latest country/sector positioning, long-term positioning and short-term fund activity in the 'Sentiment Grid', below. The Y-Axis measures where today's ownership levels in each country/sector 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 % and funds o/w % between 7/31/2023, relative to each country/sector. A figure above 50% means a country/sector 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 country/sector.



Position Range: Average of: Z-Score Average Weight vs history Z-Score Funds Invested % vs history Z-Score Funds O/W % vs history Momentum Score: Average of: Change in Average Weight (Percentile vs Peers) Change in Funds Invested % (Percentile vs Peers) Change in Funds O/W % (Percentile vs Peers)







According Continues According Section Ac										
	Asia: Aggre	egate Stock Holdings Data, Ranked by M	ost Widely Held.				Asia: Top Stock Holdings, %			
Author Common C	Ticker	Stock Name	Funds Invested %	Average Weight	Vs Benchmark	Fund AUM, \$	Fund Name	Ticker	Stock Name	
2009-16 Professional Control 1.00 1.	2330-TW	Taiwan Semiconductor Manufacturing Co., L	87.41%	5.73%	-0.62%	\$23,876.99M	Templeton Developing Markets Trust	2330-TW	Taiwan Semiconductor Manufacturing Co., Lt	11.39%
	9988-HK	Alibaba Group Holding Ltd.	74.07%	2.61%	-0.36%	\$8,624.85M	Delaware VIP Trust - Emerging Markets Series	2330-TW	Taiwan Semiconductor Manufacturing Co., Lt	11.25%
20-20 Column Co	005930-KR	Samsung Electronics Co., Ltd.	72.59%	2.83%	-0.64%	\$11,928.67M	JPMCB Emerging Markets Equity Focused Fund	2330-TW	Taiwan Semiconductor Manufacturing Co., Lt	11.04%
State Control Contro	700-HK	Tencent Holdings Ltd.	71.85%	3.04%	-1.41%	\$12,462.99M	Delaware Emerging Markets Fund	2330-TW	Taiwan Semiconductor Manufacturing Co., Lt	10.63%
	JD-US	JD.com, Inc. Sponsored ADR Class A	60.74%	1.04%	0.11%	\$3,730.00M	Mobius SICAV - Emerging Markets Fund	2138-HK	EC Healthcare	10.21%
Market No.	3690-HK	Meituan Class B	53.70%	0.95%	-0.70%	\$4,086.92M	Ashmore Emerging Markets Active Equity Fund	2330-TW	Taiwan Semiconductor Manufacturing Co., Lt	9.99%
MSS lank Limited	500209-IN	Infosys Limited	53.33%	0.84%	-0.09%	\$3,464.62M	Baillie Gifford Overseas Growth Fund - Emer. Mkts. Leading Co	. 2330-TW	Taiwan Semiconductor Manufacturing Co., Lt	9.86%
SSCP14M Child Dark Limited 43-87% 0.87% 0.09% 52-269.72M Child Dark Limited 43-87% 0.67% 52-269.72M Child Dark Limited 44-67% 0.87%	2454-TW	MediaTek Inc	50.00%	0.62%	0.08%	\$2,623.39M	Putnam Emerging Markets Equity Fund	2330-TW	Taiwan Semiconductor Manufacturing Co., Lt	9.73%
200.00 Flower Centre for Control Flower Centre for C	500180-IN	HDFC Bank Limited	48.89%	1.23%	1.23%	\$4,979.57M	Nordea Emerging Market Equities	2330-TW	Taiwan Semiconductor Manufacturing Co., Lt	9.72%
229 14 15 15 15 15 15 15 15	532174-IN	ICICI Bank Limited	48.15%	0.81%	0.05%	\$2,585.72M	Raiffeisen Sustainable Emerging Markets Equities	2330-TW	Taiwan Semiconductor Manufacturing Co., Lt	9.67%
1000000000000000000000000000000000000	BBCA-ID	PT Bank Central Asia Tbk	46.67%	0.70%	0.25%	\$2,826.99M	JPMorgan Emerging Markets Equity Fund	2330-TW	Taiwan Semiconductor Manufacturing Co., Lt	9.67%
MITCH Meticas Inc.	2318-HK	Ping An Insurance (Group) Company of Chin	44.81%	0.87%	0.15%	\$2,834.52M	Fisher Invts. Instl. Fds. Plc - Emerging Markets Equity Fund	2330-TW	Taiwan Semiconductor Manufacturing Co., Lt	9.65%
	000660-KR	SK hynix Inc.	44.81%	0.68%	0.10%	\$2,230.37M	Artisan Sustainable Emerging Markets Fund	2330-TW	Taiwan Semiconductor Manufacturing Co., Lt	9.64%
Page Page An Attrosp printed 40.01% 10.02% 10.02% 10.02% 10.000 10	NTESF-US	NetEase, Inc.	44.44%	0.61%	0.10%	\$2,854.28M	Baillie Gifford Overseas Growth Funds ICVC - EM. Growth	2330-TW	Taiwan Semiconductor Manufacturing Co., Lt	9.55%
Part	500325-IN	Reliance Industries Limited	42.96%	0.80%	-0.49%	\$4,697.62M	BNP Paribas Funds - Emerging Equity	2330-TW	Taiwan Semiconductor Manufacturing Co., Lt	9.41%
Septiment Sept	1299-HK	AIA Group Limited	40.74%	1.02%	1.02%	\$4,599.92M	TT International Funds Plc - Emerging Markets Unconstrained	2330-TW	Taiwan Semiconductor Manufacturing Co., Lt	9.32%
293 HK China Cantertucion Book Carporation Desis 35,55% C.0.5% C.	BBRI-ID	PT Bank Rakyat Indonesia (Persero) Tbk Clas	39.26%	0.54%	0.24%	\$1,920.82M	Calvert Emerging Markets Equity Fund	2330-TW	Taiwan Semiconductor Manufacturing Co., Lt	9.31%
2237-11	500010-IN	Housing Development Finance Corporation L	38.15%	0.82%	0.01%	\$5,255.23M	Goldman Sachs ESG Emerging Markets Equity Fund	2330-TW	Taiwan Semiconductor Manufacturing Co., Lt	9.30%
2297 West Note Name Precision Industry Co., Ltd. \$3.17% \$3.27% \$3.37% \$0.36% \$0.12% \$1.02.66% \$1.02% \$1.02.66% \$1.02% \$1.02.66% \$1.0	939-HK	China Construction Bank Corporation Class H	35.56%	0.52%	-0.38%	\$1,872.77M	TIAA-CREF Emerging Markets Equity Fund	2330-TW	Taiwan Semiconductor Manufacturing Co., Lt	9.27%
BMRH D F Bonk Month (FPSprox) Thk 33,70% 0.35% 0.10% 51,046.41M 50,056.94 32.95% 0.44% -0.10% 51,025.44M 340.00% 51,025.44M 340.00% 34,000 36,000 34	532540-IN	Tata Consultancy Services Limited	35.56%	0.55%	0.01%	\$3,074.47M	AB FCP I - Emerging Markets Growth Portfolio	2330-TW	Taiwan Semiconductor Manufacturing Co., Lt	9.26%
1955-6-W St. Frauncial Group Inc. 33.70% 0.28% 0.12% 91.996. Milling St. 1.00% 91.996. Milling St. Milling St. 91.996. Milling St.	2317-TW	Hon Hai Precision Industry Co., Ltd.	35.19%	0.44%	-0.17%	\$1,154.19M	Jupiter Global Emerging Markets Fund	2330-TW	Taiwan Semiconductor Manufacturing Co., Lt	9.22%
Biblu is Baptive in Separated ARR Class A 92.59% 0.44% 0.00% \$1,192.54M	BMRI-ID	PT Bank Mandiri (Persero) Tbk	33.70%	0.36%	0.18%	\$1,048.41M	Jupiter Asset Mgmt. Series Plc - Global EM Focus Fd.	2330-TW	Taiwan Semiconductor Manufacturing Co., Lt	9.21%
Asia: Aggregate Stack Holdings Data, Largest Dverweight Holdings	105560-KR	KB Financial Group Inc.	33.70%	0.38%	0.12%	\$1,139.61M	TT International Funds Plc - Emerging Markets Equity Fund	2330-TW	Taiwan Semiconductor Manufacturing Co., Lt	9.20%
Asia: Aggregate Stock Holdings Data, Largest Overweight Holdings Ticker Stock Name	BIDU-US	Baidu Inc Sponsored ADR Class A	32.59%	0.44%	-0.10%	\$1,192.54M	JPMorgan Funds - Emerging Markets Opportunities Fund	2330-TW	Taiwan Semiconductor Manufacturing Co., Lt	9.12%
Funds Name Vis Benchmark Average Weight Funds Invested % Fund AUM, 5 5000000000000000000000000000000000	3968-HK	China Merchants Bank Co., Ltd. Class H	32.59%	0.40%	0.03%	\$1,438.93M	Nordea 1 - Emerging Stars Equity Fund	2330-TW	Taiwan Semiconductor Manufacturing Co., Lt	9.08%
S0108-IN HDFC Bonk Limited	Asia: Aggre	egate Stock Holdings Data, Largest Overv	weight Holdings				Asia: Ton Stock Holdings \$			
129+HK All Stroup Limited 1.02% 1.02% 4.0.74% 5.4,599.92M 1000333-CN Milede Broup Co. Ltd. Class A 0.33% 0.33% 0.33% 28.15% 51,289.04M Fidelity Inv. Trust - Emerging Markets Eport unities Fund 10004			2 2				Asia. Top Stock Holdings, 9			
DO0333-CN Midea Group Co. Ltd. Class A D.33% D	Ticker	Stock Name	Vs Benchmark	Average Weight	Funds Invested %	Fund AUM, \$		Ticker	Stock Name	
SBB-HK Hong Kong Exchanges & Clearing Ltd. 0.31% 0.31% 0.31% 21.85% S944.68M Techtronic Industries Co., Ltd. 0.28% 0.28% 0.28% 20.74% \$1.108.85M Shores MSDI Emerging Markets FIF 2330-TW Tolwon Semiconductor Manufacturing Co., Lt. \$1.664M Shores MSDI Emerging Markets FIF 2330-TW Tolwon Semiconductor Manufacturing Co., Lt. \$1.654M Shores MSDI Emerging Markets Fund S1254M Invesco Developing Markets Fund Invesco Developin							Fund Name			\$2,141M
February	500180-IN	HDFC Bank Limited	1.23%	1.23%	48.89%	\$4,979.57M	Fund Name Invesco Developing Markets Fund	2330-TW	Taiwan Semiconductor Manufacturing Co., Lt	-
BBCA-ID PT Bank Central Asia Tabk 0.25% 0.70% 46.67% \$2,826.99M	500180-IN 1299-HK	HDFC Bank Limited AIA Group Limited	1.23% 1.02%	1.23% 1.02%	48.89% 40.74%	\$4,979.57M \$4,599.92M	Fund Name Invesco Developing Markets Fund Invesco Developing Markets Fund	2330-TW 500010-IN	Taiwan Semiconductor Manufacturing Co., Lt Housing Development Finance Corporation Li	\$2,042M
BBRI-ID PT Bank Rakyat Indonesia (Persero) Tbk Clas. 0.24% 0.54% 39.26% \$1,920.82M 1928-HK Sands China Ltd. 0.19% 0.19% 0.19% 11.11% \$477.41M 5477.41M 5477.4	500180-IN 1299-HK 000333-CN	HDFC Bank Limited AIA Group Limited Midea Group Co. Ltd. Class A	1.23% 1.02% 0.33%	1.23% 1.02% 0.33%	48.89% 40.74% 28.15%	\$4,979.57M \$4,599.92M \$1,289.04M	Fund Name Invesco Developing Markets Fund Invesco Developing Markets Fund Fidelity Inv. Trust - Emerging Markets Opportunities Fund	2330-TW 500010-IN 2330-TW	Taiwan Semiconductor Manufacturing Co., Lt., Housing Development Finance Corporation Li., Taiwan Semiconductor Manufacturing Co., Lt.,	\$2,042M \$1,914M
BBRI-ID PT Bank Ralyat Indonesia (Persero) Tbk Clas. 0.24% 0.54% 39.26% \$1,920.82M 1928-HK Sands China Ltd. 0.19% 0.19% 0.19% 11.11% \$477.41M Fidelity Inv. Trust - Emerging Markets Opportunities Fund 700-HK Tencent Holdings, Inc. 0.18% 0.56% 30.00% \$3.668.86M 700-HK Tencent Holdings, Inc. 0.18% 0.56% 30.00% \$3.668.86M 700-HK Tencent Holdings, Inc. 0.18% 0.56% 30.00% \$3.668.86M 700-HK Tencent Holdings Data, Largest Underweight Holdings 1.724 1	500180-IN 1299-HK 000333-CN 388-HK	HDFC Bank Limited AIA Group Limited Midea Group Co. Ltd. Class A Hong Kong Exchanges & Clearing Ltd.	1.23% 1.02% 0.33% 0.31%	1.23% 1.02% 0.33% 0.31%	48.89% 40.74% 28.15% 21.85%	\$4,979.57M \$4,599.92M \$1,289.04M \$944.68M	Fund Name Invesco Developing Markets Fund Invesco Developing Markets Fund Fidelity Inv. Trust - Emerging Markets Opportunities Fund Invesco Developing Markets Fund	2330-TW 500010-IN 2330-TW YUMC-US	Taiwan Semiconductor Manufacturing Co., Lt Housing Development Finance Corporation Li Taiwan Semiconductor Manufacturing Co., Lt Yum China Holdings, Inc.	\$2,042M \$1,914M \$1,860M
1928-HK Sands Chino Ltd. 0.19% 0.19% 11.11% S.477.41M S.477.41M S.477.41M S.477.41M S.477.41M S.477.41M Fidelity Inv. Trust - Emerging Markets Opportunities Fund 0.0000000000000000000000000000000000	500180-IN 1299-HK 000333-CN 388-HK 669-HK	HDFC Bank Limited AIA Group Limited Midea Group Co. Ltd. Class A Hong Kong Exchanges & Clearing Ltd. Techtronic Industries Co., Ltd.	1.23% 1.02% 0.33% 0.31% 0.28%	1.23% 1.02% 0.33% 0.31% 0.28%	48.89% 40.74% 28.15% 21.85% 20.74%	\$4,979.57M \$4,599.92M \$1,289.04M \$944.68M \$1,108.85M	Fund Name Invesco Developing Markets Fund Invesco Developing Markets Fund Fidelity Inv. Trust - Emerging Markets Opportunities Fund Invesco Developing Markets Fund iShares MSCI Emerging Markets ETF	2330-TW 500010-IN 2330-TW YUMC-US 2330-TW	Taiwan Semiconductor Manufacturing Co., Lt Housing Development Finance Corporation Li Taiwan Semiconductor Manufacturing Co., Lt Yum China Holdings, Inc. Taiwan Semiconductor Manufacturing Co., Lt	\$2,042M \$1,914M \$1,860M \$1,664M
BMRI-ID PT Bank Mandiri (Persero) Tak 0.18% 0.36% 33.70% \$1,048.41M YUMC-US Yum China Holdings, Inc. 0.18% 0.56% 30.00% \$3,668.86M \$3.668.86M \$3.668.86M \$3.668.86M \$3.668.86M \$3.668.86M \$3.00% \$3.668.86M \$3.00% \$3.668.86M \$3.668.86	500180-IN 1299-HK 000333-CN 388-HK 669-HK BBCA-ID	HDFC Bank Limited AIA Group Limited Midea Group Co. Ltd. Class A Hong Kong Exchanges & Clearing Ltd. Techtronic Industries Co., Ltd. PT Bank Central Asia Tbk	1.23% 1.02% 0.33% 0.31% 0.28% 0.25%	1.23% 1.02% 0.33% 0.31% 0.28% 0.70%	48.89% 40.74% 28.15% 21.85% 20.74% 46.67%	\$4,979.57M \$4,599.92M \$1,289.04M \$944.68M \$1,108.85M \$2,826.99M	Fund Name Invesco Developing Markets Fund Invesco Developing Markets Fund Fidelity Inv. Trust - Emerging Markets Opportunities Fund Invesco Developing Markets Fund iShares MSCI Emerging Markets ETF Invesco Developing Markets Fund	2330-TW 500010-IN 2330-TW YUMC-US 2330-TW 532540-IN	Taiwan Semiconductor Manufacturing Co., Lt Housing Development Finance Corporation Li Taiwan Semiconductor Manufacturing Co., Lt Yum China Holdings, Inc. Taiwan Semiconductor Manufacturing Co., Lt Tata Consultancy Services Limited	\$2,042M \$1,914M \$1,860M \$1,664M \$1,273M
YUMC-US Yum China Holdings, Inc. 0.18% 0.56% 30.00% \$3,668.86M Asia: Aggregate Stock Holdings Data, Largest Underweight Holdings Ticker Stock Name Vs Benchmark Average Weight Funds Invested % Fund AUM, \$700-HK Tencent Holdings Ltd. 1.41% 3.04% 71.85% \$12,462.99M Asigo-HK Melituan Closs B -0.70% 0.55% 53.70% \$4,086.52M 2330-TW Taiwan Semiconductor Manufacturing Co., Lt0.64% 2.83% 72.59% \$111,928.67M 2330-TW Taiwan Semiconductor Manufacturing Co., Lt0.65% 5.73% 67.41% \$23,076.99M American Funds New World Fund 500325-IN Reliance Industries Limited -0.49% 0.80% 42,95% \$4,697.62M 5998-HK Alibaba Group Holding Ltd. 9988-HK Alibaba Group Holding Ltd. 9876M Invesco Developing Markets Fund 230-TW Taiwan Semiconductor Manufacturing Co., Lt0.65% 5.73% 67.41% \$23,076.99M American Funds New World Fund 500325-IN Reliance Industries Limited -0.49% 0.80% 42,95% \$4,697.62M 5998-HK Alibaba Group Holding Ltd. 9988-HK Alibaba Group Holding Ltd. 9826M Invesco Developing Markets Fund 500325-IN Reliance Industries Limited 51,174M Stock Mahindra Bank Limited 51,174M Isham Semiconductor Manufacturing Co., Lt. 9590M American Funds New World Fund 50030-KR Samsung Electronics Co., Ltd. 9910M American Funds New World Fund 500325-IN Reliance Industries Limited 5826M Invesco Developing Markets Fund 500325-IN Reliance Industries Limited 5826M Invesco Developing Markets Fund 500325-IN Reliance Industries Limited 5826M Invesco Developing Markets Fund 500325-IN Reliance Industries Limited 5930M Invesco Developing Markets Fund 500325-IN Reliance Industries Limited 5930M Invesco Developing Markets Fund 500325-IN Reliance Industries Limited 5930M Invesco Developing Markets Fund 500325-IN Reliance Industries Limited 5930M Invesco Developing Markets Fund 5930-FR Reliance Industries Limited 5930M Invesco Developing Markets Fund 5930-FR Reliance Industries Limited 5930M Invesco Developing Markets Fund 5930-FR Reliance Industries Limited 5930M Invesco Developing Markets Fund 5930-FR Reliance Industries Limited 5930M Invesco Developing Markets	500180-IN 1299-HK 000333-CN 388-HK 669-HK BBCA-ID BBRI-ID	HDFC Bank Limited AIA Group Limited Midea Group Co. Ltd. Class A Hong Kong Exchanges & Clearing Ltd. Techtronic Industries Co., Ltd. PT Bank Central Asia Tbk PT Bank Rakyat Indonesia (Persero) Tbk Clas	1.23% 1.02% 0.33% 0.31% 0.28% 0.25%	1.23% 1.02% 0.33% 0.31% 0.28% 0.70% 0.54%	48.89% 40.74% 28.15% 21.85% 20.74% 46.67% 39.26%	\$4,979.57M \$4,599.92M \$1,289.04M \$944.68M \$1,108.85M \$2,826.99M \$1,920.82M	Fund Name Invesco Developing Markets Fund Invesco Developing Markets Fund Fidelity Inv. Trust - Emerging Markets Opportunities Fund Invesco Developing Markets Fund iShares MSCI Emerging Markets ETF Invesco Developing Markets Fund Invesco Developing Markets Fund	2330-TW 500010-IN 2330-TW YUMC-US 2330-TW 532540-IN HTHT-US	Taiwan Semiconductor Manufacturing Co., Lt Housing Development Finance Corporation Li Taiwan Semiconductor Manufacturing Co., Lt Yum China Holdings, Inc. Taiwan Semiconductor Manufacturing Co., Lt Tata Consultancy Services Limited H World Group Limited Sponsored ADR	\$2,042M \$1,914M \$1,860M \$1,664M \$1,273M \$1,252M
Asia: Aggregate Stock Holdings Data, Largest Underweight Holdings Ticker Stock Name Vs Benchmark Average Weight Funds Invested % Fund AUM, \$ fellelity Inv. Trust - Emerging Markets Opportunities Fund 9988-HK Alibaba Group Holding Co., Lt0.49% 0.80% 42.95% \$4,697.65PM PDD-US Pinduoduo, Inc. Sponsored ADR Class A -0.34% 0.38% 27.04% \$1,835.17M Shapes MSCI Emerging Markets Stock Fund 2330-TW Taiwan Semiconductor Manufacturing Co., Lt. \$51,166M Shapes MSCI Emerging Markets ETF 700-HK Tencent Holdings Ltd. \$1,120M Semiconductor Manufacturing Co., Lt. \$978M Funds New World Fund 2330-TW Taiwan Semiconductor Manufacturing Co., Lt. \$978M Shapes MSCI Emerging Markets ETF 700-HK Tencent Holdings Ltd. \$920M Shapes MSCI Emerging Markets ETF 700-HK Tencent Holdings Ltd. \$930-HK American Funds New World Fund 2330-TW Taiwan Semiconductor Manufacturing Co., Lt. \$937M Shapes MSCI Emerging Markets ETF 700-HK Tencent Holdings Ltd. \$930-HK American Funds New World Fund 5008247-IN Kotak Mohindra Bank Limited \$981M JPM Shapes MSCI Emerging Markets Equity Fund 2330-TW Taiwan Semiconductor Manufacturing Co., Lt. \$837M JPM Shapes MSCI Emerging Markets Equity Fund 2330-TW Taiwan Semiconductor Manufacturing Co., Lt. \$837M JPM Shapes MSCI Emerging Markets Fund 500325-IN Reliance Industries Limited \$926M Invesco Developing Markets Fund 500325-IN Reliance Industries Limited \$926M Invesco Developing Markets Fund 500325-IN Reliance Industries Limited \$930-HK Alibaba Group Holding Ltd. \$930-	500180-IN 1299-HK 000333-CN 388-HK 669-HK BBCA-ID BBRI-ID 1928-HK	HDFC Bank Limited AIA Group Limited Midea Group Co. Ltd. Class A Hong Kong Exchanges & Clearing Ltd. Techtronic Industries Co., Ltd. PT Bank Central Asia Tbk PT Bank Rakyat Indonesia (Persero) Tbk Clas Sands China Ltd.	1.23% 1.02% 0.33% 0.31% 0.28% 0.25% 0.24% 0.19%	1.23% 1.02% 0.33% 0.31% 0.28% 0.70% 0.54% 0.19%	48.89% 40.74% 28.15% 21.85% 20.74% 46.67% 39.26% 11.11%	\$4,979.57M \$4,599.92M \$1,289.04M \$944.68M \$1,108.85M \$2,826.99M \$1,920.82M \$477.41M	Fund Name Invesco Developing Markets Fund Invesco Developing Markets Fund Fidelity Inv. Trust - Emerging Markets Opportunities Fund Invesco Developing Markets Fund iShares MSCI Emerging Markets ETF Invesco Developing Markets Fund Invesco Developing Markets Fund Fidelity Inv. Trust - Emerging Markets Opportunities Fund	2330-TW 500010-IN 2330-TW YUMC-US 2330-TW 532540-IN HTHT-US 700-HK	Taiwan Semiconductor Manufacturing Co., Lt Housing Development Finance Corporation Li Taiwan Semiconductor Manufacturing Co., Lt Yum China Holdings, Inc. Taiwan Semiconductor Manufacturing Co., Lt Tata Consultancy Services Limited H World Group Limited Sponsored ADR Tencent Holdings Ltd.	\$2,042M \$1,914M \$1,860M \$1,664M \$1,273M \$1,252M \$1,211M
Asia: Aggregate Stock Holdings Data, Largest Underweight Holdings Ticker Stock Name Vs Benchmark 700-HK Tencent Holdings Ltd1.41% 3.04% 71.85% 512.462.99M 0.0593-KR Samsung Electronics Co., Ltd0.64% 2330-TW 1089-KR Samsung Electronics Co., Ltd0.64% 2330-TW 1089-KR Samsung Electronics Co., Ltd0.65% 53.70% 54.086.92M 2330-TW 1089-S91M 2330-T	500180-IN 1299-HK 000333-CN 388-HK 669-HK BBCA-ID BBRI-ID 1928-HK BMRI-ID	HDFC Bank Limited AIA Group Limited Midea Group Co. Ltd. Class A Hong Kong Exchanges & Clearing Ltd. Techtronic Industries Co., Ltd. PT Bank Central Asia Tbk PT Bank Rakyat Indonesia (Persero) Tbk Clas Sands China Ltd. PT Bank Mandiri (Persero) Tbk	1.23% 1.02% 0.33% 0.31% 0.28% 0.25% 0.24% 0.19% 0.18%	1.23% 1.02% 0.33% 0.31% 0.28% 0.70% 0.54% 0.19% 0.36%	48.89% 40.74% 28.15% 21.85% 20.74% 46.67% 39.26% 11.11% 33.70%	\$4,979.57M \$4,599.92M \$1,289.04M \$944.68M \$1,108.85M \$2,826.99M \$1,920.82M \$477.41M \$1,048.41M	Fund Name Invesco Developing Markets Fund Invesco Developing Markets Fund Fidelity Inv. Trust - Emerging Markets Opportunities Fund Invesco Developing Markets Fund iShares MSCI Emerging Markets ETF Invesco Developing Markets Fund Invesco Developing Markets Fund Fidelity Inv. Trust - Emerging Markets Opportunities Fund Fidelity Inv. Trust - Emerging Markets Opportunities Fund	2330-TW 500010-IN 2330-TW YUMC-US 2330-TW 532540-IN HTHT-US 700-HK 005930-KR	Taiwan Semiconductor Manufacturing Co., Lt Housing Development Finance Corporation Li Taiwan Semiconductor Manufacturing Co., Lt Yum China Holdings, Inc. Taiwan Semiconductor Manufacturing Co., Lt Tata Consultancy Services Limited H World Group Limited Sponsored ADR Tencent Holdings Ltd. Samsung Electronics Co., Ltd.	\$2,042M \$1,914M \$1,860M \$1,664M \$1,273M \$1,252M \$1,211M \$1,175M
Asid: Aggregate Stock Holdings Data, Largest Underweight Holdings Ticker Stock Name Vs Benchmark Average Weight Funds Invested % Fund AUM, \$ Fidelity Inv. Trust - Emerging Markets Opportunities Fund 9988-HK Alibaba Group Holding Ltd. \$920M 9989-HK Alibaba Group Holding Ltd. \$930-HK Alibaba Group Holding Ltd. \$930-HK 9989-HK Alibaba Group Holding Ltd. \$930M 9989-HK Alibaba Group Holding Ltd. \$930-HK 9989-HK 9989-HK Alibaba Group Holding Ltd. \$930-HK 9989-HK 9989	500180-IN 1299-HK 000333-CN 388-HK 669-HK BBCA-ID BBRI-ID 1928-HK BMRI-ID	HDFC Bank Limited AIA Group Limited Midea Group Co. Ltd. Class A Hong Kong Exchanges & Clearing Ltd. Techtronic Industries Co., Ltd. PT Bank Central Asia Tbk PT Bank Rakyat Indonesia (Persero) Tbk Clas Sands China Ltd. PT Bank Mandiri (Persero) Tbk	1.23% 1.02% 0.33% 0.31% 0.28% 0.25% 0.24% 0.19% 0.18%	1.23% 1.02% 0.33% 0.31% 0.28% 0.70% 0.54% 0.19% 0.36%	48.89% 40.74% 28.15% 21.85% 20.74% 46.67% 39.26% 11.11% 33.70%	\$4,979.57M \$4,599.92M \$1,289.04M \$944.68M \$1,108.85M \$2,826.99M \$1,920.82M \$477.41M \$1,048.41M	Fund Name Invesco Developing Markets Fund Invesco Developing Markets Fund Fidelity Inv. Trust - Emerging Markets Opportunities Fund Invesco Developing Markets Fund iShares MSCI Emerging Markets ETF Invesco Developing Markets Fund Invesco Developing Markets Fund Fidelity Inv. Trust - Emerging Markets Opportunities Fund Fidelity Inv. Trust - Emerging Markets Opportunities Fund Invesco Developing Markets Fund	2330-TW 500010-IN 2330-TW YUMC-US 2330-TW 532540-IN HTHT-US 700-HK 005930-KR 500247-IN	Taiwan Semiconductor Manufacturing Co., Lt Housing Development Finance Corporation Li Taiwan Semiconductor Manufacturing Co., Lt Yum China Holdings, Inc. Taiwan Semiconductor Manufacturing Co., Lt Tata Consultancy Services Limited H World Group Limited Sponsored ADR Tencent Holdings Ltd. Samsung Electronics Co., Ltd. Kotak Mahindra Bank Limited	\$2,042M \$1,914M \$1,860M \$1,664M \$1,273M \$1,252M \$1,211M \$1,175M \$1,174M
Ticker Stock Name Vs Benchmark Average Weight Funds Invested % Fund AUM, \$ 700-HK Tencent Holdings Ltd1.41% 3.04% 71.85% \$12,462.99M 5690-HK Meituan Class B -0.70% 0.95% 53.70% \$4,086.92M 50530-KR Samsung Electronics Co., Ltd. 9910M 50530-KR Samsung Electronics Co., Ltd0.64% 2.83% 72.59% \$11,928.67M 50325-IN Reliance Industries Limited -0.49% 0.80% 42.95% \$4,697.62M 50325-IN Reliance Industries Limited -0.38% 0.52% 35.56% \$1,872.77M 10.00%	500180-IN 1299-HK 000333-CN 388-HK 669-HK BBCA-ID BBRI-ID 1928-HK BMRI-ID	HDFC Bank Limited AIA Group Limited Midea Group Co. Ltd. Class A Hong Kong Exchanges & Clearing Ltd. Techtronic Industries Co., Ltd. PT Bank Central Asia Tbk PT Bank Rakyat Indonesia (Persero) Tbk Clas Sands China Ltd. PT Bank Mandiri (Persero) Tbk	1.23% 1.02% 0.33% 0.31% 0.28% 0.25% 0.24% 0.19% 0.18%	1.23% 1.02% 0.33% 0.31% 0.28% 0.70% 0.54% 0.19% 0.36%	48.89% 40.74% 28.15% 21.85% 20.74% 46.67% 39.26% 11.11% 33.70%	\$4,979.57M \$4,599.92M \$1,289.04M \$944.68M \$1,108.85M \$2,826.99M \$1,920.82M \$477.41M \$1,048.41M	Fund Name Invesco Developing Markets Fund Invesco Developing Markets Fund Fidelity Inv. Trust - Emerging Markets Opportunities Fund Invesco Developing Markets Fund iShares MSCI Emerging Markets ETF Invesco Developing Markets Fund Invesco Developing Markets Fund Fidelity Inv. Trust - Emerging Markets Opportunities Fund Fidelity Inv. Trust - Emerging Markets Opportunities Fund Invesco Developing Markets Fund iShares MSCI Emerging Markets ETF	2330-TW 500010-IN 2330-TW YUMC-US 2330-TW 532540-IN HTHT-US 700-HK 005930-KR 500247-IN 700-HK	Taiwan Semiconductor Manufacturing Co., Lt Housing Development Finance Corporation Li Taiwan Semiconductor Manufacturing Co., Lt Yum China Holdings, Inc. Taiwan Semiconductor Manufacturing Co., Lt Tata Consultancy Services Limited H World Group Limited Sponsored ADR Tencent Holdings Ltd. Samsung Electronics Co., Ltd. Kotak Mahindra Bank Limited Tencent Holdings Ltd.	\$2,042M \$1,914M \$1,860M \$1,664M \$1,273M \$1,252M \$1,211M \$1,175M \$1,174M \$1,166M
700-HK Tencent Holdings Ltd. -1,41% 3.04% 71,85% \$12,462.99M iShares MSCI Emerging Markets ETF 005930-KR Samsung Electronics Co., Ltd. \$910M 3690-HK Meituan Class B -0.70% 0.95% 53.70% \$4,086.92M American Funds New World Fund 500247-IN Kotak Mahindra Bank Limited \$891M 005930-KR Samsung Electronics Co., Ltd. -0.64% 2.83% 72.59% \$11,928.67M JPMorgan Emerging Markets Equity Fund 2330-TW Taiwan Semiconductor Manufacturing Co., Lt. \$837M 2330-TW Taiwan Semiconductor Manufacturing Co., Lt. -0.62% 5.73% 87.41% \$23,876.99M American Funds New World Fund 500325-IN Reliance Industries Limited \$826M 500325-IN Reliance Industries Limited -0.49% 0.80% 42.96% \$4,697.62M Invesco Developing Markets Fund 051910-KR LG Chem Ltd. \$805M 939-HK China Construction Bank Corporation Class H -0.38% 0.52% 35.56% \$1,872.77M Invesco Developing Markets Fund NTESF-US NetEase, Inc. \$803M 9988-HK	500180-IN 1299-HK 000333-CN 388-HK 669-HK BBCA-ID BBRI-ID 1928-HK BMRI-ID YUMC-US	HDFC Bank Limited AIA Group Limited Midea Group Co. Ltd. Class A Hong Kong Exchanges & Clearing Ltd. Techtronic Industries Co., Ltd. PT Bank Central Asia Tbk PT Bank Rakyat Indonesia (Persero) Tbk Clas Sands China Ltd. PT Bank Mandiri (Persero) Tbk Yum China Holdings, Inc.	1.23% 1.02% 0.33% 0.31% 0.28% 0.25% 0.24% 0.19% 0.18%	1.23% 1.02% 0.33% 0.31% 0.28% 0.70% 0.54% 0.19% 0.36%	48.89% 40.74% 28.15% 21.85% 20.74% 46.67% 39.26% 11.11% 33.70%	\$4,979.57M \$4,599.92M \$1,289.04M \$944.68M \$1,108.85M \$2,826.99M \$1,920.82M \$477.41M \$1,048.41M	Fund Name Invesco Developing Markets Fund Invesco Developing Markets Fund Fidelity Inv. Trust - Emerging Markets Opportunities Fund Invesco Developing Markets Fund iShares MSCI Emerging Markets ETF Invesco Developing Markets Fund Invesco Developing Markets Fund Fidelity Inv. Trust - Emerging Markets Opportunities Fund Fidelity Inv. Trust - Emerging Markets Opportunities Fund Invesco Developing Markets Fund iShares MSCI Emerging Markets ETF Invesco Developing Markets Fund	2330-TW 500010-IN 2330-TW YUMC-US 2330-TW 532540-IN HTHT-US 700-HK 005930-KR 500247-IN 700-HK ZTO-US	Taiwan Semiconductor Manufacturing Co., Lt Housing Development Finance Corporation Li., Taiwan Semiconductor Manufacturing Co., Lt Yum China Holdings, Inc. Taiwan Semiconductor Manufacturing Co., Lt Tata Consultancy Services Limited H World Group Limited Sponsored ADR Tencent Holdings Ltd. Samsung Electronics Co., Ltd. Kotak Mahindra Bank Limited Tencent Holdings Ltd. ZTO Express (Cayman), Inc. Sponsored ADR Cl	\$2,042M \$1,914M \$1,860M \$1,664M \$1,273M \$1,252M \$1,211M \$1,175M \$1,175M \$1,174M \$1,166M \$1,120M
3690-HK Meituan Class B -0.70% 0.95% 53.70% \$4,086.92M American Funds New World Fund 500247-IN Kotak Mahindra Bank Limited \$891M 0.05930-KR Samsung Electronics Co., Ltd0.64% 2.83% 72.59% \$11,928.67M JPMorgan Emerging Markets Equity Fund 2330-TW Taiwan Semiconductor Manufacturing Co., Lt0.62% 5.73% 87.41% \$23,876.99M American Funds New World Fund 500325-IN Reliance Industries Limited \$826M 500325-IN Reliance Industries Limited -0.49% 0.80% 42.96% \$4,697.62M Invesco Developing Markets Fund 051910-KR LG Chem Ltd. \$805M 939-HK China Construction Bank Corporation Class H -0.38% 0.52% 35.56% \$1,872.77M Invesco Developing Markets Fund NTESF-US NetEase, Inc. \$803M 9988-HK Alibaba Group Holding Ltd0.36% 2.61% 74.07% \$8,624.85M iShares MSCI Emerging Markets ETF 9988-HK Alibaba Group Holding Ltd. \$780M 1810-HK Xiaomi Corp. Class B -0.35% 0.02% 5.19% \$164.74M American Funds New World Fund 1299-HK AIA Group Limited \$719M 5657M	500180-IN 1299-HK 000333-CN 388-HK 669-HK BBCA-ID BBRI-ID 1928-HK BMRI-ID YUMC-US	HDFC Bank Limited AIA Group Limited Midea Group Co. Ltd. Class A Hong Kong Exchanges & Clearing Ltd. Techtronic Industries Co., Ltd. PT Bank Central Asia Tbk PT Bank Rakyat Indonesia (Persero) Tbk Clas Sands China Ltd. PT Bank Mandiri (Persero) Tbk Yum China Holdings, Inc.	1.23% 1.02% 0.33% 0.31% 0.28% 0.25% 0.24% 0.19% 0.18%	1.23% 1.02% 0.33% 0.31% 0.28% 0.70% 0.54% 0.19% 0.36%	48.89% 40.74% 28.15% 21.85% 20.74% 46.67% 39.26% 11.11% 33.70% 30.00%	\$4,979.57M \$4,599.92M \$1,289.04M \$944.68M \$1,108.85M \$2,826.99M \$1,920.82M \$477.41M \$1,048.41M \$3,668.86M	Fund Name Invesco Developing Markets Fund Invesco Developing Markets Fund Fidelity Inv. Trust - Emerging Markets Opportunities Fund Invesco Developing Markets Fund iShares MSCI Emerging Markets ETF Invesco Developing Markets Fund Invesco Developing Markets Fund Fidelity Inv. Trust - Emerging Markets Opportunities Fund Fidelity Inv. Trust - Emerging Markets Opportunities Fund Invesco Developing Markets Fund iShares MSCI Emerging Markets ETF Invesco Developing Markets Fund American Funds New World Fund	2330-TW 500010-IN 2330-TW YUMC-US 2330-TW 532540-IN HTHT-US 700-HK 005930-KR 500247-IN 700-HK ZTO-US 2330-TW	Taiwan Semiconductor Manufacturing Co., Lt Housing Development Finance Corporation Li Taiwan Semiconductor Manufacturing Co., Lt Yum China Holdings, Inc. Taiwan Semiconductor Manufacturing Co., Lt Tata Consultancy Services Limited H World Group Limited Sponsored ADR Tencent Holdings Ltd. Samsung Electronics Co., Ltd. Kotak Mahindra Bank Limited Tencent Holdings Ltd. ZTO Express (Cayman), Inc. Sponsored ADR Cl Taiwan Semiconductor Manufacturing Co., Lt	\$2,042M \$1,914M \$1,860M \$1,664M \$1,273M \$1,252M \$1,211M \$1,175M \$1,174M \$1,166M \$1,120M \$978M
OD5930-KR Samsung Electronics Co., Ltd0.64% 2.83% 72.59% \$11,928.67M JPMorgan Emerging Markets Equity Fund 2330-TW Taiwan Semiconductor Manufacturing Co., Lt0.62% 5.73% 87.41% \$23,876.99M American Funds New World Fund 500325-IN Reliance Industries Limited \$825M 500325-IN Reliance Industries Limited 93.99HK China Construction Bank Corporation Class H -0.38% 0.52% 35.56% \$1,872.77M Invesco Developing Markets Fund 051910-KR LG Chem Ltd. \$803M 9988-HK Alibaba Group Holding Ltd0.36% 2.61% 74.07% \$8,624.85M iShares MSCI Emerging Markets ETF 9988-HK Alibaba Group Holding Ltd. \$780M 1810-HK Xiaomi Corp. Class B -0.35% 0.02% 5.19% \$1,835.17M T Rowe Price Emerging Markets Stock Fund 2330-TW Taiwan Semiconductor Manufacturing Co., Lt. \$657M	500180-IN 1299-HK 000333-CN 388-HK 669-HK BBCA-ID BBRI-ID 1928-HK BMRI-ID YUMC-US Asia: Aggree	HDFC Bank Limited AIA Group Limited Midea Group Co. Ltd. Class A Hong Kong Exchanges & Clearing Ltd. Techtronic Industries Co., Ltd. PT Bank Central Asia Tbk PT Bank Rakyat Indonesia (Persero) Tbk Clas Sands China Ltd. PT Bank Mandiri (Persero) Tbk Yum China Holdings, Inc.	1.23% 1.02% 0.33% 0.31% 0.28% 0.25% 0.24% 0.19% 0.18% 0.18%	1.23% 1.02% 0.33% 0.31% 0.28% 0.70% 0.54% 0.19% 0.36% 0.56%	48.89% 40.74% 28.15% 21.85% 20.74% 46.67% 39.26% 11.11% 33.70% 30.00%	\$4,979.57M \$4,599.92M \$1,289.04M \$944.68M \$1,108.85M \$2,826.99M \$1,920.82M \$477.41M \$1,048.41M \$3,668.86M	Fund Name Invesco Developing Markets Fund Invesco Developing Markets Fund Fidelity Inv. Trust - Emerging Markets Opportunities Fund Invesco Developing Markets Fund iShares MSCI Emerging Markets ETF Invesco Developing Markets Fund Invesco Developing Markets Fund Fidelity Inv. Trust - Emerging Markets Opportunities Fund Fidelity Inv. Trust - Emerging Markets Opportunities Fund Invesco Developing Markets Fund iShares MSCI Emerging Markets ETF Invesco Developing Markets Fund American Funds New World Fund Fidelity Inv. Trust - Emerging Markets Opportunities Fund	2330-TW 500010-IN 2330-TW YUMC-US 2330-TW 532540-IN HTHT-US 700-HK 5005930-KR 500247-IN 700-HK ZTO-US 2330-TW 9988-HK	Taiwan Semiconductor Manufacturing Co., Lt Housing Development Finance Corporation Li Taiwan Semiconductor Manufacturing Co., Lt Yum China Holdings, Inc. Taiwan Semiconductor Manufacturing Co., Lt Tata Consultancy Services Limited H World Group Limited Sponsored ADR Tencent Holdings Ltd. Samsung Electronics Co., Ltd. Kotak Mahindra Bank Limited Tencent Holdings Ltd. ZTO Express (Cayman), Inc. Sponsored ADR Cl Taiwan Semiconductor Manufacturing Co., Lt Alibaba Group Holding Ltd.	\$2,042M \$1,914M \$1,860M \$1,664M \$1,273M \$1,252M \$1,211M \$1,175M \$1,174M \$1,166M \$1,120M \$978M
2330-TW Taiwan Semiconductor Manufacturing Co., L0.62% 5.73% 87.41% \$23,876.99M 500325-IN Reliance Industries Limited 500325-IN Reliance Indus	500180-IN 1299-HK 000333-CN 388-HK 669-HK BBCA-ID BBRI-ID 1928-HK BMRI-ID YUMC-US Asia: Aggree	HDFC Bank Limited AIA Group Limited Midea Group Co. Ltd. Class A Hong Kong Exchanges & Clearing Ltd. Techtronic Industries Co., Ltd. PT Bank Central Asia Tbk PT Bank Rakyat Indonesia (Persero) Tbk Clas Sands China Ltd. PT Bank Mandiri (Persero) Tbk Yum China Holdings, Inc. egate Stock Holdings Data, Largest Unde Stock Name Tencent Holdings Ltd.	1.23% 1.02% 0.33% 0.31% 0.28% 0.25% 0.24% 0.19% 0.18% 0.18%	1.23% 1.02% 0.33% 0.31% 0.28% 0.70% 0.54% 0.19% 0.36% 0.56% Average Weight 3.04%	48.89% 40.74% 28.15% 21.85% 20.74% 46.67% 39.26% 11.11% 33.70% 30.00%	\$4,979.57M \$4,599.92M \$1,289.04M \$944.68M \$1,108.85M \$2,826.99M \$1,920.82M \$477.41M \$1,048.41M \$3,668.86M	Fund Name Invesco Developing Markets Fund Invesco Developing Markets Fund Fidelity Inv. Trust - Emerging Markets Opportunities Fund Invesco Developing Markets Fund iShares MSCI Emerging Markets ETF Invesco Developing Markets Fund Invesco Developing Markets Fund Fidelity Inv. Trust - Emerging Markets Opportunities Fund Fidelity Inv. Trust - Emerging Markets Opportunities Fund Invesco Developing Markets Fund iShares MSCI Emerging Markets ETF Invesco Developing Markets Fund American Funds New World Fund Fidelity Inv. Trust - Emerging Markets Opportunities Fund iShares MSCI Emerging Markets ETF	2330-TW 500010-IN 2330-TW YUMC-US 2330-TW 532540-IN HTHT-US 700-HK 05930-KR 500247-IN 700-HK ZTO-US 2330-TW 9988-HK 005930-KR	Taiwan Semiconductor Manufacturing Co., Lt Housing Development Finance Corporation Li Taiwan Semiconductor Manufacturing Co., Lt Yum China Holdings, Inc. Taiwan Semiconductor Manufacturing Co., Lt Tata Consultancy Services Limited H World Group Limited Sponsored ADR Tencent Holdings Ltd. Samsung Electronics Co., Ltd. Kotak Mahindra Bank Limited Tencent Holdings Ltd. ZTO Express (Cayman), Inc. Sponsored ADR Cl Taiwan Semiconductor Manufacturing Co., Lt Alibaba Group Holding Ltd. Samsung Electronics Co., Ltd.	\$2,042M \$1,914M \$1,860M \$1,864M \$1,273M \$1,252M \$1,252M \$1,175M \$1,175M \$1,174M \$1,166M \$1,120M \$978M \$920M \$910M
500325-IN Reliance Industries Limited -0.49% 0.80% 42.96% \$4,697.62M Invesco Developing Markets Fund 051910-KR LG Chem Ltd. \$805M 939-HK China Construction Bank Corporation Class H -0.38% 0.52% 35.56% \$1,872.77M Invesco Developing Markets Fund NTESF-US NetEase, Inc. \$803M 9988-HK Alibaba Group Holding Ltd. -0.36% 2.61% 74.07% \$8,624.85M iShares MSCI Emerging Markets ETF 9988-HK Alibaba Group Holding Ltd. \$780M 1810-HK Xiaomi Corp. Class B -0.35% 0.02% 5.19% \$164.74M American Funds New World Fund 1299-HK AIA Group Limited \$719M PDD-US Pinduoduo, Inc. Sponsored ADR Class A -0.34% 0.38% 27.04% \$1,835.17M T Rowe Price Emerging Markets Stock Fund 2330-TW Taiwan Semiconductor Manufacturing Co., Lt. \$657M	500180-IN 1299-HK 000333-CN 388-HK 669-HK BBCA-ID BBRI-ID 1928-HK BMRI-ID YUMC-US ASIG: Aggree Ticker 700-HK 3690-HK	HDFC Bank Limited AIA Group Limited Midea Group Co. Ltd. Class A Hong Kong Exchanges & Clearing Ltd. Techtronic Industries Co., Ltd. PT Bank Central Asia Tbk PT Bank Rakyat Indonesia (Persero) Tbk Clas Sands China Ltd. PT Bank Mandiri (Persero) Tbk Yum China Holdings, Inc. egate Stock Holdings Data, Largest Unde Stock Name Tencent Holdings Ltd. Meituan Class B	1.23% 1.02% 0.33% 0.31% 0.28% 0.25% 0.24% 0.19% 0.18% 0.18% vs Benchmark -1.41% -0.70%	1.23% 1.02% 0.33% 0.31% 0.28% 0.70% 0.54% 0.19% 0.36% 0.56% Average Weight 3.04% 0.95%	48.89% 40.74% 28.15% 21.85% 20.74% 46.67% 39.26% 11.11% 33.70% 30.00% Funds Invested % 71.85% 53.70%	\$4,979.57M \$4,599.92M \$1,289.04M \$944.68M \$1,108.85M \$2,826.99M \$1,920.82M \$477.41M \$1,048.41M \$3,668.86M Fund AUM, \$ \$12,462.99M \$4,086.92M	Fund Name Invesco Developing Markets Fund Invesco Developing Markets Fund Fidelity Inv. Trust - Emerging Markets Opportunities Fund Invesco Developing Markets Fund Ishares MSCI Emerging Markets ETF Invesco Developing Markets Fund Invesco Developing Markets Fund Fidelity Inv. Trust - Emerging Markets Opportunities Fund Fidelity Inv. Trust - Emerging Markets Opportunities Fund Invesco Developing Markets Fund Ishares MSCI Emerging Markets ETF Invesco Developing Markets Fund American Funds New World Fund Fidelity Inv. Trust - Emerging Markets Opportunities Fund IShares MSCI Emerging Markets ETF American Funds New World Fund	2330-TW 500010-IN 2330-TW YUMC-US 2330-TW 532540-IN HTHT-US 700-HK 005930-KR 500247-IN 700-HK ZTO-US 2330-TW 9988-HK 005930-KR 500247-IN	Taiwan Semiconductor Manufacturing Co., Lt Housing Development Finance Corporation Li Taiwan Semiconductor Manufacturing Co., Lt Yum China Holdings, Inc. Taiwan Semiconductor Manufacturing Co., Lt Tata Consultancy Services Limited H World Group Limited Sponsored ADR Tencent Holdings Ltd. Samsung Electronics Co., Ltd. Kotak Mahindra Bank Limited Tencent Holdings Ltd. ZTO Express (Coyman), Inc. Sponsored ADR Cl Taiwan Semiconductor Manufacturing Co., Lt Alibaba Group Holding Ltd. Samsung Electronics Co., Ltd. Kotak Mahindra Bank Limited	\$2,042M \$1,914M \$1,860M \$1,664M \$1,273M \$1,252M \$1,252M \$1,175M \$1,175M \$1,175M \$1,174M \$1,166M \$1,120M \$978M \$920M \$910M
939-HK China Construction Bank Corporation Class H 939-HK China Construction Bank Corporation Class H 938-HK Alibaba Group Holding Ltd. 938-HK Alibaba Group Holding Ltd. 9580-M 1810-HK Xiaomi Corp. Class B 908-HK Xiaomi Corp. Class B 908-HK Alibaba Group Holding Ltd. 9780-M 998-HK A	500180-IN 1299-HK 000333-CN 388-HK 669-HK BBCA-ID BBRI-ID 1928-HK BMRI-ID YUMC-US Asia: Aggree Ticker 700-HK 3690-HK 005930-KR	HDFC Bank Limited AIA Group Limited Midea Group Co. Ltd. Class A Hong Kong Exchanges & Clearing Ltd. Techtronic Industries Co., Ltd. PT Bank Rekyat Indonesia (Persero) Tbk Clas Sands China Ltd. PT Bank Mandiri (Persero) Tbk Yum China Holdings, Inc. egate Stock Holdings Data, Largest Unde Stock Name Tencent Holdings Ltd. Meituan Class B Samsung Electronics Co., Ltd.	1.23% 1.02% 0.33% 0.31% 0.28% 0.25% 0.24% 0.19% 0.18% 2.18% 2.14% -0.70% -0.64%	1.23% 1.02% 0.33% 0.31% 0.28% 0.70% 0.54% 0.19% 0.36% 0.56% Average Weight 3.04% 0.95% 2.83%	48.89% 40.74% 28.15% 21.85% 20.74% 46.67% 39.26% 11.11% 33.70% 30.00% Funds Invested % 71.85% 53.70% 72.59%	\$4,979.57M \$4,599.92M \$1,289.04M \$944.68M \$1,108.85M \$2,826.99M \$1,920.82M \$477.41M \$1,048.41M \$3,668.86M Fund AUM, \$ \$12,462.99M \$4,086.92M \$11,928.67M	Fund Name Invesco Developing Markets Fund Invesco Developing Markets Fund Fidelity Inv. Trust - Emerging Markets Opportunities Fund Invesco Developing Markets Fund Ishares MSCI Emerging Markets ETF Invesco Developing Markets Fund Invesco Developing Markets Fund Fidelity Inv. Trust - Emerging Markets Opportunities Fund Fidelity Inv. Trust - Emerging Markets Opportunities Fund Invesco Developing Markets Fund Ishares MSCI Emerging Markets ETF Invesco Developing Markets Fund American Funds New World Fund Fidelity Inv. Trust - Emerging Markets Opportunities Fund iShares MSCI Emerging Markets ETF American Funds New World Fund JPMorgan Emerging Markets Equity Fund	2330-TW 500010-IN 2330-TW YUMC-US 2330-TW 532540-IN HTHT-US 700-HK 005930-KR 500247-IN 2330-TW 9988-HK 005930-KR 500247-IN 2330-TW	Taiwan Semiconductor Manufacturing Co., Lt Housing Development Finance Corporation Li Taiwan Semiconductor Manufacturing Co., Lt Yum China Holdings, Inc. Taiwan Semiconductor Manufacturing Co., Lt Tata Consultancy Services Limited H World Group Limited Sponsored ADR Tencent Holdings Ltd. Samsung Electronics Co., Ltd. Kotak Mahindra Bank Limited Tencent Holdings Ltd. ZTO Express (Coyman), Inc. Sponsored ADR Cl Taiwan Semiconductor Manufacturing Co., Lt Alibaba Group Holding Ltd. Samsung Electronics Co., Ltd. Kotak Mahindra Bank Limited Taiwan Semiconductor Manufacturing Co., Lt	\$2,042M \$1,914M \$1,860M \$1,664M \$1,273M \$1,252M \$1,211M \$1,175M \$1,175M \$1,174M \$1,166M \$1,120M \$978M \$920M \$910M \$891M
9988-HK Alibaba Group Holding Ltd0.36% 2.51% 74.07% \$8,624.85M iShares MSCI Emerging Markets ETF 9988-HK Alibaba Group Holding Ltd. \$780M 1810-HK Xiaomi Corp. Class B -0.35% 0.02% 5.19% \$164.74M American Funds New World Fund 1299-HK AIA Group Limited \$719M 1290-HK PIDD-US Pinduoduo, Inc. Sponsored ADR Class A -0.34% 0.38% 27.04% \$1,835.17M T Rowe Price Emerging Markets Stock Fund 2330-TW Taiwan Semiconductor Manufacturing Co., Lt. \$657M	500180-IN 1299-HK 000333-CN 388-HK 669-HK BBCA-ID BBRI-ID 1928-HK BMRI-ID YUMC-US ASIG: Aggree Ticker 700-HK 3690-HK 005930-KR 2330-TW	HDFC Bank Limited AIA Group Limited Midea Group Co. Ltd. Class A Hong Kong Exchanges & Clearing Ltd. Techtronic Industries Co., Ltd. PT Bank Central Asia Tbk PT Bank Rokyat Indonesia (Persero) Tbk Clas Sands China Ltd. PT Bank Mandiri (Persero) Tbk Yum China Holdings, Inc. egate Stock Holdings Data, Largest Under Stock Name Tencent Holdings Ltd. Meituan Class B Samsung Electronics Co., Ltd. Taiwan Semiconductor Manufacturing Co., L	1.23% 1.02% 0.33% 0.31% 0.28% 0.25% 0.24% 0.19% 0.18% 2.18% 0.18% 2.141% -0.70% -0.64% -0.62%	1.23% 1.02% 0.33% 0.31% 0.28% 0.70% 0.54% 0.19% 0.36% 0.56% Average Weight 3.04% 0.95% 2.83% 5.73%	48.89% 40.74% 28.15% 21.85% 20.74% 45.67% 39.26% 11.11% 33.70% 30.00% Funds Invested % 71.85% 53.70% 72.59% 87.41%	\$4,979.57M \$4,599.92M \$1,289.04M \$944.68M \$1,108.85M \$2,826.99M \$1,920.82M \$477.41M \$1,048.41M \$3,668.86M Fund AUM, \$ \$12,462.99M \$4,086.92M \$11,928.67M \$23,876.99M	Fund Name Invesco Developing Markets Fund Invesco Developing Markets Fund Fidelity Inv. Trust - Emerging Markets Opportunities Fund Invesco Developing Markets Fund Ishares MSCI Emerging Markets ETF Invesco Developing Markets Fund Invesco Developing Markets Fund Fidelity Inv. Trust - Emerging Markets Opportunities Fund Fidelity Inv. Trust - Emerging Markets Opportunities Fund Invesco Developing Markets Fund Ishares MSCI Emerging Markets ETF Invesco Developing Markets Fund American Funds New World Fund Fidelity Inv. Trust - Emerging Markets Opportunities Fund IShares MSCI Emerging Markets ETF American Funds New World Fund JPMorgan Emerging Markets Equity Fund American Funds New World Fund	2330-TW 500010-IN 2330-TW YUMC-US 2330-TW 532540-IN HTHT-US 700-HK 005930-KR 500247-IN 700-HK 2710-US 2330-TW 9988-HK 005930-KR 500247-IN 2330-TW 500247-IN 2330-TW	Taiwan Semiconductor Manufacturing Co., Lt Housing Development Finance Corporation Li Taiwan Semiconductor Manufacturing Co., Lt Yum China Holdings, Inc. Taiwan Semiconductor Manufacturing Co., Lt Tata Consultancy Services Limited H World Group Limited Sponsored ADR Tencent Holdings Ltd. Samsung Electronics Co., Ltd. Kotak Mahindra Bank Limited Tencent Holdings Ltd. ZTO Express (Cayman), Inc. Sponsored ADR Cl Taiwan Semiconductor Manufacturing Co., Lt Alibaba Group Holding Ltd. Samsung Electronics Co., Ltd. Kotak Mahindra Bank Limited Taiwan Semiconductor Manufacturing Co., Lt Reliance Industries Limited	\$2,042M \$1,914M \$1,860M \$1,664M \$1,273M \$1,252M \$1,211M \$1,175M \$1,175M \$1,174M \$1,166M \$9,166M \$9,100 \$9,20M \$9,100 \$9,9
1810-HK Xiaomi Corp. Class B -0.35% 0.02% 5.19% \$164.74M American Funds New World Fund 1299-HK AIA Group Limited \$719M PDD-US Pinduoduo, Inc. Sponsored ADR Class A -0.34% 0.38% 27.04% \$1,835.17M T Rowe Price Emerging Markets Stock Fund 2330-TW Taiwan Semiconductor Manufacturing Co., Lt. \$557M	500180-IN 1299-HK 000333-CN 388-HK 669-HK BBCA-ID BBRI-ID 1928-HK BMRI-ID YUMC-US ASIG: Aggree Ticker 700-HK 3690-HK 005930-KR 2330-TW 500325-IN	HDFC Bank Limited AIA Group Limited Midea Group Co. Ltd. Class A Hong Kong Exchanges & Clearing Ltd. Techtronic Industries Co., Ltd. PT Bank Central Asia Tbk PT Bank Rokyat Indonesia (Persero) Tbk Clas Sands China Ltd. PT Bank Mandiri (Persero) Tbk Yum China Holdings, Inc. egate Stock Holdings Data, Largest Under Stock Name Tencent Holdings Ltd. Meituan Class B Samsung Electronics Co., Ltd. Taiwan Semiconductor Manufacturing Co., L	1.23% 1.02% 0.33% 0.31% 0.28% 0.25% 0.24% 0.19% 0.18% 2.18% 0.18% 2.24 ** 2.14 ** 2.10 ** 3.14 ** 4.14 ** 3.15 ** 4.14 ** 4.	1.23% 1.02% 0.33% 0.31% 0.28% 0.70% 0.54% 0.19% 0.36% 0.56% Average Weight 3.04% 0.95% 2.83% 5.73% 0.80%	48.89% 40.74% 28.15% 21.85% 20.74% 46.67% 39.26% 11.11% 33.70% 30.00% Funds Invested % 71.85% 53.70% 72.59% 87.41% 42.96%	\$4,979.57M \$4,599.92M \$1,289.04M \$944.68M \$1,108.85M \$2,826.99M \$1,920.82M \$477.41M \$1,048.41M \$3,668.86M Fund AUM, \$ \$12,462.99M \$4,086.92M \$11,928.67M \$23,876.99M \$4,697.62M	Fund Name Invesco Developing Markets Fund Invesco Developing Markets Fund Fidelity Inv. Trust - Emerging Markets Opportunities Fund Invesco Developing Markets Fund iShares MSCI Emerging Markets ETF Invesco Developing Markets Fund Invesco Developing Markets Fund Fidelity Inv. Trust - Emerging Markets Opportunities Fund Fidelity Inv. Trust - Emerging Markets Opportunities Fund Invesco Developing Markets Fund Invesco Developing Markets Fund Invesco Developing Markets Fund American Funds New World Fund Fidelity Inv. Trust - Emerging Markets Opportunities Fund Shares MSCI Emerging Markets Fund IShares MSCI Emerging Markets ETF American Funds New World Fund JPMorgan Emerging Markets Equity Fund American Funds New World Fund Invesco Developing Markets Fund	2330-TW 500010-IN 2330-TW YUMC-US 2330-TW 532540-IN HTHT-US 700-HK 005930-KR 500247-IN 700-HK ZTO-US 2330-TW 9988-HK 005930-KR 500247-IN 2330-TW 500325-IN 051910-KR	Taiwan Semiconductor Manufacturing Co., Lt Housing Development Finance Corporation Li Taiwan Semiconductor Manufacturing Co., Lt Yum China Holdings, Inc. Taiwan Semiconductor Manufacturing Co., Lt Tata Consultancy Services Limited H World Group Limited Sponsored ADR Tencent Holdings Ltd. Samsung Electronics Co., Ltd. Kotak Mahindra Bank Limited Tencent Holdings Ltd. ZTO Express (Cayman), Inc. Sponsored ADR Cl Taiwan Semiconductor Manufacturing Co., Lt Alibaba Group Holding Ltd. Samsung Electronics Co., Ltd. Kotak Mahindra Bank Limited Taiwan Semiconductor Manufacturing Co., Lt Reliance Industries Limited LG Chem Ltd.	\$2,042M \$1,914M \$1,860M \$1,664M \$1,273M \$1,252M \$1,211M \$1,175M \$1,175M \$1,174M \$1,166M \$1,120M \$978M \$920M \$910M \$891M \$837M \$826M \$805M
PDD-US Pinduoduo, Inc. Sponsored ADR Class A -0.34% 0.38% 27.04% \$1,835.17M T Rowe Price Emerging Markets Stock Fund 2330-TW Taiwan Semiconductor Manufacturing Co., Lt \$657M	500180-IN 1299-HK 000333-CN 388-HK 669-HK BBCA-ID BBRI-ID 1928-HK BMRI-ID YUMC-US ASIG: Aggree Ticker 700-HK 3690-HK 005930-KR 2330-TW 500325-IN	HDFC Bank Limited AIA Group Limited Midea Group Co. Ltd. Class A Hong Kong Exchanges & Clearing Ltd. Techtronic Industries Co., Ltd. PT Bank Central Asia Tbk PT Bank Rakyat Indonesia (Persero) Tbk Clas Sands China Ltd. PT Bank Mandiri (Persero) Tbk Yum China Holdings, Inc. egate Stock Holdings Data, Largest Under Stock Name Tencent Holdings Ltd. Meituan Class B Samsung Electronics Co., Ltd. Taiwan Semiconductor Manufacturing Co., L Reliance Industries Limited	1.23% 1.02% 0.33% 0.31% 0.28% 0.25% 0.24% 0.19% 0.18% 0.18% Prweight Holdings Vs Benchmark -1.41% -0.70% -0.64% -0.62% -0.49% -0.38%	1.23% 1.02% 0.33% 0.31% 0.28% 0.70% 0.54% 0.19% 0.36% 0.56% Average Weight 3.04% 0.95% 2.83% 5.73% 0.80% 0.52%	48.89% 40.74% 28.15% 21.85% 20.74% 46.67% 39.26% 11.11% 33.70% 30.00% Funds Invested % 71.85% 53.70% 72.59% 87.41% 42.96% 35.56%	\$4,979.57M \$4,599.92M \$1,289.04M \$944.68M \$1,108.85M \$2,826.99M \$1,920.82M \$477.41M \$1,048.41M \$3,668.86M Fund AUM, \$ \$12,462.99M \$4,086.92M \$11,928.67M \$23,876.99M \$4,697.62M \$1,872.77M	Fund Name Invesco Developing Markets Fund Invesco Developing Markets Fund Fidelity Inv. Trust - Emerging Markets Opportunities Fund Invesco Developing Markets Fund iShares MSCI Emerging Markets ETF Invesco Developing Markets Fund Invesco Developing Markets Fund Fidelity Inv. Trust - Emerging Markets Opportunities Fund Fidelity Inv. Trust - Emerging Markets Opportunities Fund Invesco Developing Markets Fund Invesco Developing Markets Fund Invesco Developing Markets Fund American Funds New World Fund Fidelity Inv. Trust - Emerging Markets Opportunities Fund Shares MSCI Emerging Markets Fund IShares MSCI Emerging Markets ETF American Funds New World Fund JPMorgan Emerging Markets Equity Fund American Funds New World Fund Invesco Developing Markets Fund	2330-TW 500010-IN 2330-TW YUMC-US 2330-TW 532540-IN HTHT-US 700-HK 005930-KR 500247-IN 700-HK ZTO-US 2330-TW 9988-HK 005930-KR 500247-IN 2330-TW 500325-IN 051910-KR NTESF-US	Taiwan Semiconductor Manufacturing Co., Lt Housing Development Finance Corporation Li Taiwan Semiconductor Manufacturing Co., Lt Yum China Holdings, Inc. Taiwan Semiconductor Manufacturing Co., Lt Tata Consultancy Services Limited H World Group Limited Sponsored ADR Tencent Holdings Ltd. Samsung Electronics Co., Ltd. Kotak Mahindra Bank Limited Tencent Holdings Ltd. ZTO Express (Cayman), Inc. Sponsored ADR Cl Taiwan Semiconductor Manufacturing Co., Lt Alibaba Group Holding Ltd. Samsung Electronics Co., Ltd. Kotak Mahindra Bank Limited Taiwan Semiconductor Manufacturing Co., Lt Reliance Industries Limited LG Chem Ltd.	\$2,042M \$1,914M \$1,860M \$1,664M \$1,273M \$1,252M \$1,211M \$1,175M \$1,175M \$1,176M \$1,166M \$1,120M \$978M \$920M \$910M \$891M \$837M \$826M \$805M \$803M
	500180-IN 1299-HK 000333-CN 388-HK 669-HK BBCA-ID BBRI-ID 1928-HK BMRI-ID YUMC-US Asia: Aggree Ticker 700-HK 3690-HK 005930-KR 2330-TW 500325-IN 939-HK	HDFC Bank Limited AIA Group Limited Midea Group Co. Ltd. Class A Hong Kong Exchanges & Clearing Ltd. Techtronic Industries Co., Ltd. PT Bank Central Asia Tbk PT Bank Rakyat Indonesia (Persero) Tbk Clas Sands China Ltd. PT Bank Mandiri (Persero) Tbk Yum China Holdings, Inc. egate Stock Holdings Data, Largest Unde Stock Name Tencent Holdings Ltd. Meituan Class B Samsung Electronics Co., Ltd. Taiwan Semiconductor Manufacturing Co., L Reliance Industries Limited China Construction Bank Corporation Class H	1.23% 1.02% 0.33% 0.31% 0.28% 0.25% 0.24% 0.19% 0.18% 0.18% Prweight Holdings Vs Benchmark -1.41% -0.70% -0.64% -0.62% -0.49% -0.38%	1.23% 1.02% 0.33% 0.31% 0.28% 0.70% 0.54% 0.19% 0.36% 0.56% Average Weight 3.04% 0.95% 2.83% 5.73% 0.80% 0.52%	48.89% 40.74% 28.15% 21.85% 20.74% 46.67% 39.26% 11.11% 33.70% 30.00% Funds Invested % 71.85% 53.70% 72.59% 87.41% 42.96% 35.56%	\$4,979.57M \$4,599.92M \$1,289.04M \$944.68M \$1,108.85M \$2,826.99M \$1,920.82M \$477.41M \$1,048.41M \$3,668.86M Fund AUM, \$ \$12,462.99M \$4,086.92M \$11,928.67M \$23,876.99M \$4,697.62M \$1,872.77M	Fund Name Invesco Developing Markets Fund Invesco Developing Markets Fund Fidelity Inv. Trust - Emerging Markets Opportunities Fund Invesco Developing Markets Fund iShares MSCI Emerging Markets ETF Invesco Developing Markets Fund Invesco Developing Markets Fund Fidelity Inv. Trust - Emerging Markets Opportunities Fund Fidelity Inv. Trust - Emerging Markets Opportunities Fund Invesco Developing Markets Fund iShares MSCI Emerging Markets ETF Invesco Developing Markets Fund American Funds New World Fund Fidelity Inv. Trust - Emerging Markets Opportunities Fund iShares MSCI Emerging Markets FTF American Funds New World Fund JPMorgan Emerging Markets Equity Fund American Funds New World Fund Invesco Developing Markets Fund Invesco Developing Markets Fund Invesco Developing Markets Fund	2330-TW 500010-IN 2330-TW YUMC-US 2330-TW 532540-IN HTHT-US 700-HK 005930-KR 500247-IN 700-HK ZTO-US 2330-TW 9988-HK 005930-KR 500247-IN 2330-TW 500325-IN 051910-KR NTESF-US	Taiwan Semiconductor Manufacturing Co., Lt Housing Development Finance Corporation Li Taiwan Semiconductor Manufacturing Co., Lt Yum China Holdings, Inc. Taiwan Semiconductor Manufacturing Co., Lt Tata Consultancy Services Limited H World Group Limited Sponsored ADR Tencent Holdings Ltd. Samsung Electronics Co., Ltd. Kotak Mahindra Bank Limited Tencent Holdings Ltd. ZTO Express (Cayman), Inc. Sponsored ADR Cl Taiwan Semiconductor Manufacturing Co., Lt Alibaba Group Holding Ltd. Samsung Electronics Co., Ltd. Kotak Mahindra Bank Limited Taiwan Semiconductor Manufacturing Co., Lt Reliance Industries Limited LG Chem Ltd. NetEase, Inc.	\$2,042M \$1,914M \$1,860M \$1,864M \$1,273M \$1,252M \$1,211M \$1,175M \$1,175M \$1,166M \$1,120M \$978M \$920M \$910M \$891M \$837M \$826M \$805M \$803M \$780M
1398-HK Industrial and Commercial Bank of China Li0.26% 0.18% 20.74% \$610.07M GQG Partners Emerging Markets Equity Fund 2330-TW Taiwan Semiconductor Manufacturing Co., Lt \$619M	500180-IN 1299-HK 000333-CN 388-HK 669-HK BBCA-ID BBRI-ID 1928-HK BMRI-ID YUMC-US ASIG: Aggree Ticker 700-HK 3690-HK 005930-KR 2330-TW 500325-IN 939-HK	HDFC Bank Limited AIA Group Limited Midea Group Co. Ltd. Class A Hong Kong Exchanges & Clearing Ltd. Techtronic Industries Co., Ltd. PT Bank Central Asia Tbk PT Bank Rakyat Indonesia (Persero) Tbk Clas Sands China Ltd. PT Bank Mandiri (Persero) Tbk Yum China Holdings, Inc. Pagate Stock Holdings Data, Largest Under Stock Name Tencent Holdings Ltd. Meituan Class B Samsung Electronics Co., Ltd. Taiwan Semiconductor Manufacturing Co., L Reliance Industries Limited China Construction Bank Corporation Class H Alibaba Group Holding Ltd.	1.23% 1.02% 0.33% 0.31% 0.28% 0.25% 0.24% 0.19% 0.18% 0.18% Prweight Holdings Vs Benchmark -1.41% -0.70% -0.64% -0.62% -0.49% -0.38% -0.36%	1.23% 1.02% 0.33% 0.31% 0.28% 0.70% 0.54% 0.19% 0.36% 0.55% Average Weight 3.04% 0.95% 2.83% 5.73% 0.80% 0.52% 2.61%	48.89% 40.74% 28.15% 21.85% 20.74% 46.67% 39.26% 11.11% 33.70% 30.00% Funds Invested % 71.85% 53.70% 72.59% 87.41% 42.96% 35.56% 74.07%	\$4,979.57M \$4,599.92M \$1,289.04M \$944.68M \$1,108.85M \$2,826.99M \$1,920.82M \$477.41M \$1,048.41M \$3,668.86M Fund AUM, \$ \$12,462.99M \$4,086.92M \$11,928.67M \$23,876.99M \$4,697.62M \$1,872.77M \$8,624.85M	Fund Name Invesco Developing Markets Fund Invesco Developing Markets Fund Fidelity Inv. Trust - Emerging Markets Opportunities Fund Invesco Developing Markets Fund iShares MSCI Emerging Markets ETF Invesco Developing Markets Fund Invesco Developing Markets Fund Fidelity Inv. Trust - Emerging Markets Opportunities Fund Fidelity Inv. Trust - Emerging Markets Opportunities Fund Invesco Developing Markets Fund iShares MSCI Emerging Markets ETF Invesco Developing Markets Fund American Funds New World Fund Fidelity Inv. Trust - Emerging Markets Opportunities Fund iShares MSCI Emerging Markets ETF American Funds New World Fund JPMorgan Emerging Markets Equity Fund American Funds New World Fund Invesco Developing Markets Fund Invesco Developing Markets Fund Invesco Developing Markets Fund iShares MSCI Emerging Markets Fund iShares MSCI Emerging Markets ETF	2330-TW 500010-IN 2330-TW YUMC-US 2330-TW 532540-IN HTHT-US 700-HK 005930-KR 500247-IN 700-HK ZTO-US 2330-TW 9988-HK 005930-KR 500247-IN 2330-TW 500325-IN 051910-KR NTESF-US	Taiwan Semiconductor Manufacturing Co., Lt Housing Development Finance Corporation Li Taiwan Semiconductor Manufacturing Co., Lt Yum China Holdings, Inc. Taiwan Semiconductor Manufacturing Co., Lt Tata Consultancy Services Limited H World Group Limited Sponsored ADR Tencent Holdings Ltd. Samsung Electronics Co., Ltd. Kotak Mahindra Bank Limited Tencent Holdings Ltd. ZTO Express (Cayman), Inc. Sponsored ADR Cl Taiwan Semiconductor Manufacturing Co., Lt Alibaba Group Holding Ltd. Samsung Electronics Co., Ltd. Kotak Mahindra Bank Limited Taiwan Semiconductor Manufacturing Co., Lt Reliance Industries Limited LG Chem Ltd. NetEase, Inc. Alibaba Group Holding Ltd.	\$2,042M \$1,914M \$1,860M \$1,860M \$1,664M \$1,273M \$1,252M \$1,211M \$1,175M \$1,175M \$1,174M \$1,166M \$1,120M \$978M \$920M \$910M \$891M \$891M \$895M \$805M \$803M \$780M \$719M
	500180-IN 1299-HK 000333-CN 388-HK 669-HK BBCA-ID BBRI-ID 1928-HK BMRI-ID YUMC-US ASIG: AGGRE 700-HK 005930-KR 2330-TW 500325-IN 939-HK 9988-HK 1810-HK	HDFC Bank Limited AIA Group Limited Midea Group Co. Ltd. Class A Hong Kong Exchanges & Clearing Ltd. Techtronic Industries Co., Ltd. PT Bank Central Asia Tbk PT Bank Rakyat Indonesia (Persero) Tbk Clas Sands China Ltd. PT Bank Mandiri (Persero) Tbk Yum China Holdings, Inc. egate Stock Holdings Data, Largest Under Stock Name Tencent Holdings Ltd. Meituan Class B Samsung Electronics Co., Ltd. Taiwan Semiconductor Manufacturing Co., L Reliance Industries Limited China Construction Bank Corporation Class H Alibaba Group Holding Ltd. Xiaomi Corp. Class B Pinduoduo, Inc. Sponsored ADR Class A	1.23% 1.02% 0.33% 0.31% 0.28% 0.25% 0.24% 0.19% 0.18% 0.18% 2rweight Holdings Vs Benchmark -1.41% -0.70% -0.64% -0.62% -0.49% -0.38% -0.36% -0.35% -0.34%	1.23% 1.02% 0.33% 0.31% 0.28% 0.70% 0.54% 0.19% 0.36% 0.56% Average Weight 3.04% 0.95% 2.83% 5.73% 0.80% 0.52% 2.61% 0.02% 0.38%	48.89% 40.74% 28.15% 21.85% 20.74% 46.67% 39.26% 11.11% 33.70% 30.00% Funds Invested % 71.85% 53.70% 72.59% 87.41% 42.96% 35.56% 74.07% 5.19%	\$4,979.57M \$4,599.92M \$1,289.04M \$944.68M \$1,108.85M \$2,826.99M \$1,920.82M \$477.41M \$1,048.41M \$3,668.86M Fund AUM, \$ \$12,462.99M \$4,086.92M \$11,928.67M \$23,876.99M \$4,697.62M \$1,872.77M \$8,624.85M \$164.74M \$1,835.17M	Fund Name Invesco Developing Markets Fund Invesco Developing Markets Fund Fidelity Inv. Trust - Emerging Markets Opportunities Fund Invesco Developing Markets Fund iShares MSCI Emerging Markets ETF Invesco Developing Markets Fund Invesco Developing Markets Fund Fidelity Inv. Trust - Emerging Markets Opportunities Fund Fidelity Inv. Trust - Emerging Markets Opportunities Fund Invesco Developing Markets Fund iShares MSCI Emerging Markets ETF Invesco Developing Markets Fund American Funds New World Fund Fidelity Inv. Trust - Emerging Markets Opportunities Fund iShares MSCI Emerging Markets ETF American Funds New World Fund JPMorgan Emerging Markets Equity Fund American Funds New World Fund Invesco Developing Markets Fund Invesco Developing Markets Fund Invesco Developing Markets Fund iShares MSCI Emerging Markets Fund iShares MSCI Emerging Markets ETF American Funds New World Fund	2330-TW 500010-IN 2330-TW YUMC-US 2330-TW 532540-IN HTHT-US 700-HK 005930-KR 500247-IN 700-HK ZTO-US 2330-TW 9988-HK 005930-KR 500247-IN 2330-TW 500325-IN 051910-KR NTESF-US 9988-HK 1299-HK	Taiwan Semiconductor Manufacturing Co., Lt Housing Development Finance Corporation Li Taiwan Semiconductor Manufacturing Co., Lt Yum China Holdings, Inc. Taiwan Semiconductor Manufacturing Co., Lt Tata Consultancy Services Limited H World Group Limited Sponsored ADR Tencent Holdings Ltd. Samsung Electronics Co., Ltd. Kotak Mahindra Bank Limited Tencent Holdings Ltd. ZTO Express (Cayman), Inc. Sponsored ADR Cl Taiwan Semiconductor Manufacturing Co., Lt Alibaba Group Holding Ltd. Samsung Electronics Co., Ltd. Kotak Mahindra Bank Limited Taiwan Semiconductor Manufacturing Co., Lt Reliance Industries Limited LG Chem Ltd. NetEase, Inc. Alibaba Group Holding Ltd. AIA Group Limited	\$2,042M \$1,914M \$1,860M \$1,860M \$1,664M \$1,273M \$1,252M \$1,211M \$1,175M \$1,175M \$1,174M \$1,166M \$1,120M \$978M \$920M \$910M \$891M \$891M \$895M \$805M \$805M \$780M \$719M \$657M

Stock Holdings Activity, Asia



Asia: Aggre	egate Stock Holdings Changes - Largest	Increases in Funds	Invested %. 7/31/20	022 - 1/31/2023	
Ticker	Stock Name	Funds Invested % Δ	Average Weight Δ	Average Wgt vs Benchmark Δ	Fund Flows, \$
532215-IN	Axis Bank Limited	7.04%	0.09%	0.06%	\$302.98M
BMRI-ID	PT Bank Mandiri (Persero) Tbk	7.04%	0.10%	0.09%	\$301.96M
1114-HK	Brilliance China Automotive Holdings Limited	6.67%	0.02%	0.02%	\$59.70M
YUMC-US	Yum China Holdings, Inc.	5.56%	0.11%	0.06%	(\$74.50M)
PDD-US	Pinduoduo, Inc. Sponsored ADR Class A	5.56%	0.24%	-0.15%	\$94.99M
540180-IN	Varun Beverages Ltd.	5.56%	0.03%	-0.02%	(\$13.15M)
532174-IN	ICICI Bank Limited	5.19%	-0.04%	0.03%	\$230.69M
3690-HK	Meituan Class B	4.81%	0.08%	-0.19%	\$38.56M
600919-CN	Bank of Jiangsu Co., Ltd. Class A	4.44%	0.01%	0.01%	\$34.39M
300760-CN	Shenzhen Mindray Bio-Medical Electronics C	4.44%	0.06%	0.06%	\$74.28M
2308-TW	Delta Electronics, Inc.	4.44%	0.03%	0.02%	\$54.58M
601006-CN	Daqin Railway Co., Ltd. Class A	4.44%	0.01%	0.00%	\$27.14M
4958-TW	Zhen Ding Technology Holding Limited	4.44%	0.02%	0.02%	\$27.24M
241560-KR	Doosan Bobcat Inc.	4.07%	0.01%	0.01%	(\$11.55M)
6409-TW	Voltronic Power Technology Corp.	3.70%	-0.01%	-0.01%	(\$66.01M)
VIPS-US	Vipshop Holdings Ltd Sponsored ADR	3.70%	0.07%	0.04%	\$27.76M
605117-CN	Ningbo Deye Technology Co., Ltd. Class A	3.70%	0.01%	-0.01%	\$19.58M
2474-TW	Catcher Technology Co., Ltd.	3.70%	0.02%	0.02%	\$12.14M
006400-KR	Samsung SDI Co., Ltd	3.70%	0.09%	0.01%	\$33.77M
388-HK	Hong Kong Exchanges & Clearing Ltd.	3.33%	0.05%	0.05%	\$77.84M
1880-HK	China Tourism Group Duty Free Corporation	3.33%	0.03%	0.00%	\$56.05M
ASII-ID	PT Astra International Tbk	3.33%	0.00%	0.02%	\$71.55M
9901-HK	New Oriental Education & Technology Group,	3.33%	0.04%	0.01%	(\$2.94M)
8069-TW	E Ink Holdings Inc.	3.33%	0.00%	0.00%	(\$1.22M)
6669-TW	Wiwynn Corp.	3.33%	0.00%	0.00%	(\$45.65M)

Asia: Largest Fund Level Changes in Stock	Weight, %.	7/31/2022 - 1/31/2023			
Fund Name	Ticker	Stock Name	New or Close		
PGIM Jennison Emerging Markets Equity Opportuni	388-HK	Hong Kong Exchanges & Cl	New		6.49%
Redwheel Global Emerging Equity Fund	9988-HK	Alibaba Group Holding Ltd.	New		5.70%
Redwheel Global Emerging Equity Fund	PDD-US	Pinduoduo, Inc. Sponsored	New		5.59%
First Sentier Invts ICVC - FSSA Global Emerging Ma	532174-IN	ICICI Bank Limited	New		5.09%
Seafarer Overseas Growth & Income Fund	9988-HK	Alibaba Group Holding Ltd.	New		4.79%
Allianz Global Investors Fund - Best Styles EM Equit	9988-HK	Alibaba Group Holding Ltd.			4.74%
DNB Fund - Brighter Future	9961-HK	Trip Com Group Ltd	New		4.73%
PGIM Jennison Emerging Markets Equity Opportuni	5274-TW	ASPEED Technology, Inc.	New		4.67%
PGIM Jennison Emerging Markets Equity Opportuni	PDD-US	Pinduoduo, Inc. Sponsored			4.50%
Robeco Capital Gr. Fds Emerging Stars Equities	9988-HK	Alibaba Group Holding Ltd.			4.22%
GMO Emerging Markets Select Equity Fund	2330-TW	Taiwan Semiconductor Man			4.03%
Alger Funds II - Emerging Markets Fund	9901-HK	New Oriental Education & T	New		3.96%
TCW Developing Markets Equity Fund	2330-TW	Taiwan Semiconductor Man	Close	-3.94%	
St. James's Place Unit Trust - Emerging Markets Eq.,	500251-IN	Trent Limited		-4.12%	
WisdomTree Tr Emerging Markets Dividend Fund	700-HK	Tencent Holdings Ltd.	Close	-4.13%	
PGIM Jennison Emerging Markets Equity Opportuni	300059-CN	East Money Information Co	Close	-4.40%	
Alger Funds II - Emerging Markets Fund	601012-CN	LONGi Green Energy Techno	Close	-4.45%	
Fidelity Active Strategy - Emerging Markets Fund	002050-CN	Zhejiang Sanhua Intelligent	Close	-4.64%	
St. James's Place Unit Trust - Emerging Markets Eq.,	500180-IN	HDFC Bank Limited		-4.84%	
Jupiter Global Emerging Markets Fund	700-HK	Tencent Holdings Ltd.	Close	-4.99%	
Robeco Capital Gr. Fds QI Emerging Markets Activ	JZQDQ8.F-LU	Robeco Capital Growth Fun	Close	-5.62%	
Robeco QI Inst. Emerging Markets Enhanced Index	JZQDQ8.F-LU	Robeco Capital Growth Fun	Close	-5.68%	
St. James's Place Unit Trust - Emerging Markets Eq.,	500034-IN	Bajaj Finance Limited		-6.37%	
First Sentier Invts ICVC - FSSA Global Emerging Ma	500180-IN	HDFC Bank Limited	Close	-6.70%	

Asia: Aggregate Stock Holdings Changes - Largest Decreases in Funds Invested %. 7/31/2022 - 1/31/2023											
Ticker	Stock Name	Funds Invested % Δ	Average Weight Δ	Average Wgt vs Benchmark Δ	Fund Flows, \$						
035420-KR	NAVER Corp.	-10.00%	-0.17%	-0.10%	(\$489.90M)						
2357-TW	Asustek Computer Inc.	-5.19%	-0.04%	-0.02%	(\$85.38M)						
2882-TW	Cathay Financial Holdings Co., Ltd.	-5.19%	-0.06%	-0.05%	(\$79.28M)						
017670-KR	SK Telecom Co., Ltd.	-5.19%	-0.06%	-0.04%	(\$50.32M)						
XPEV-US	XPeng, Inc. ADR Sponsored Class A	-4.81%	-0.03%	0.13%	(\$110.52M)						
002812-CN	Yunnan Energy New Material Co., Ltd. Class A	-4.44%	-0.04%	-0.03%	(\$53.55M)						
532819-IN	Mindtree Limited	-4.44%	-0.02%	0.02%	(\$38.00M)						
6415-TW	Silergy Corp.	-4.07%	-0.01%	0.00%	(\$67.62M)						
2353-TW	Acer Incorporated	-4.07%	-0.01%	-0.01%	(\$5.35M)						
ADVANC-TH	Advanced Info Service Public Co., Ltd.	-3.70%	-0.02%	-0.02%	(\$57.93M)						
8046-TW	Nan Ya Printed Circuit Board Corporation	-3.70%	-0.01%	-0.01%	(\$35.07M)						
105560-KR	KB Financial Group Inc.	-3.70%	0.00%	-0.02%	(\$134.74M)						
3319-HK	A-Living Smart City Services Co., Ltd. Class H	-3.70%	-0.01%	0.00%	(\$23.39M)						
LI-US	Li Auto, Inc. Sponsored ADR Class A	-3.70%	-0.02%	0.27%	(\$90.71M)						
2382-HK	Sunny Optical Technology (Group) Co., Ltd.	-3.33%	-0.01%	0.00%	(\$185.31M)						
960-HK	Longfor Group Holdings Ltd.	-3.33%	-0.04%	-0.03%	(\$131.09M)						
1308-HK	SITC International Holdings Co., Ltd.	-3.33%	-0.04%	-0.04%	(\$86.55M)						
500570-IN	Tata Motors Limited	-3.33%	-0.02%	-0.01%	(\$46.34M)						
507685-IN	Wipro Limited	-3.33%	-0.02%	0.00%	(\$23.25M)						
1208-HK	MMG Ltd.	-3.33%	0.00%	0.01%	(\$7.22M)						
1303-TW	Nan Ya Plastics Corporation	-3.33%	0.00%	0.01%	(\$15.32M)						
6169-HK	China Yuhua Education Corp. Ltd.	-3.33%	0.00%	0.00%	(\$3.97M)						
006360-KR	GS Engineering & Construction Corp.	-3.33%	-0.01%	0.02%	(\$8.45M)						
2891-TW	CTBC Financial Holding Company Ltd.	-3.33%	-0.07%	-0.04%	(\$43.59M)						
532488-IN	Divi's Laboratories Limited	-3.33%	-0.03%	-0.01%	(\$98.79M)						

Asia: Largest Fund Level Stock Inflows/Outflows, \$. 7/31/2022 - 1/31/2023									
Fund Name	Ticker	Stock Name	New or Close						
American Funds New World Fund	543220-IN	Max Healthcare Institute Ltd	New		\$348M				
GQG Partners Emerging Markets Equity Fund	2330-TW	Taiwan Semiconductor Man			\$287M				
American Funds New World Fund	SE-US	Sea Ltd. (Singapore) Spons			\$256M				
American Funds New World Fund	000333-CN	Midea Group Co. Ltd. Class A			\$219M				
GQG Partners Emerging Markets Equity Fund	532454-IN	Bharti Airtel Limited	New		\$182M				
Fidelity Inv. Trust - Emerging Markets Opportunities	543320-IN	Zomato Ltd.	New		\$137M				
American Funds New World Fund	BBCA-ID	PT Bank Central Asia Tbk			\$135M				
GQG Partners Emerging Markets Equity Fund	541729-IN	HDFC Asset Management C	New		\$127M				
iShares MSCI Emerging Markets ETF	700-HK	Tencent Holdings Ltd.			\$126M				
American Funds New World Fund	532174-IN	ICICI Bank Limited			\$125M				
American Funds New World Fund	2802-JP	Ajinomoto Co., Inc.	New		\$123M				
iShares MSCI Emerging Markets ETF	2330-TW	Taiwan Semiconductor Man			\$118M				
Invesco Developing Markets Fund	500209-IN	Infosys Limited		(\$198M)					
Invesco Developing Markets Fund	ALI-PH	Ayala Land Inc.	Close	(\$214M)					
Invesco Developing Markets Fund	035420-KR	NAVER Corp.	Close	(\$214M)					
Invesco Developing Markets Fund	3690-HK	Meituan Class B		(\$219M)					
Invesco Developing Markets Fund	2454-TW	MediaTek Inc		(\$235M)					
Invesco Developing Markets Fund	500010-IN	Housing Development Finan		(\$242M)					
GQG Partners Emerging Markets Equity Fund	9988-HK	Alibaba Group Holding Ltd.	Close	(\$250M)					
American Funds New World Fund	600519-CN	Kweichow Moutai Co., Ltd. C		(\$267M)					
Invesco Developing Markets Fund	500247-IN	Kotak Mahindra Bank Limite		(\$340M)					
Invesco Developing Markets Fund	005930-KR	Samsung Electronics Co., Ltd.		(\$360M)					
Invesco Developing Markets Fund	1299-HK	AIA Group Limited		(\$543M)					
Invesco Developing Markets Fund	9988-HK	Alibaba Group Holding Ltd.	Close	(\$544M)					

Stock Sentiment Grid, Asia

Z-Score Funds Invested % vs history

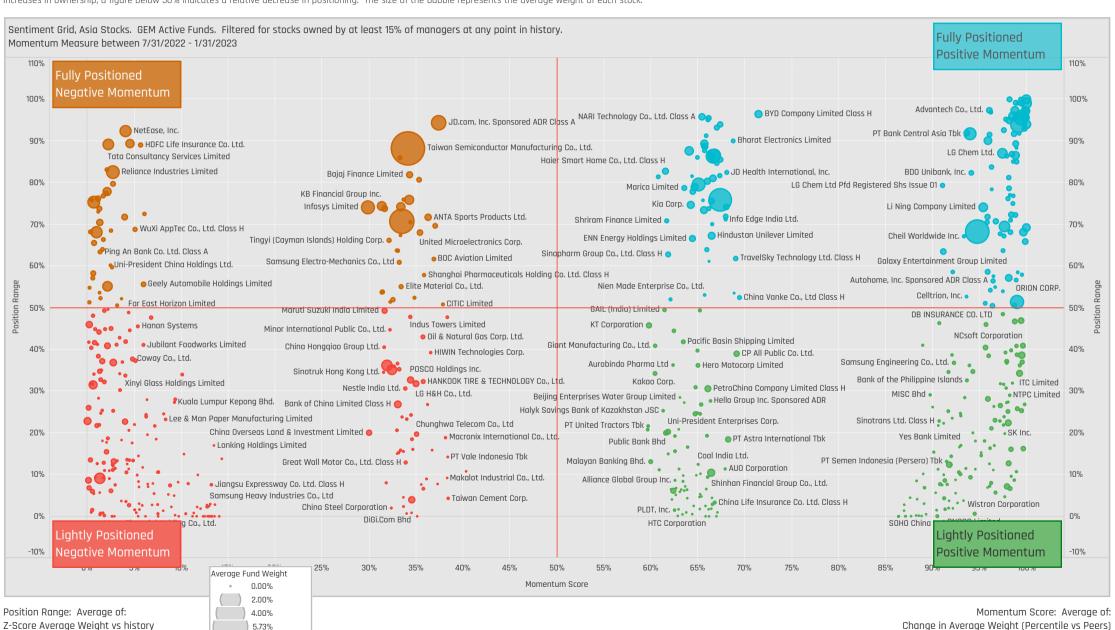
Z-Score Funds O/W % vs history



Change in Funds Invested % (Percentile vs Peers)

Change in Funds O/W % (Percentile vs Peers)

We combine the latest Asian stock positioning, long-term positioning and short-term fund activity in the 'Sentiment Grid', below. The Y-Axis measures where today's ownership levels in each stock sit relative to the long-term range. We calculate the Z-Score of today's average weight, funds invested % and funds 0/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 % and funds o/w % between 7/31/2022 and 1/31/2023, relative to each stock. A figure above 50% means a stock 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 stock.



Stock Holdings Snapshot, Americas



Americas: Agg	regate Stock Holdings Data, Ranked by	Most Widely Held.				Americas: Top Stock Holdings, %				
Ticker	Stock Name	Funds Invested %	Average Weight	Vs Benchmark	Fund AUM, \$	Fund Name	Ticker	Stock Name		
GFNORTEO-MX	Grupo Financiero Banorte SAB de CV Class O	51.11%	0.73%	0.41%	\$2,370.69M	Morgan Stanley Instl. Fund - Emerging Markets Leaders Port.	MELI-US	MercadoLibre, Inc.	10.41%	
WALMEX-MX	Wal-Mart de Mexico SAB de CV	42.96%	0.66%	0.36%	\$2,773.31M	Carmignac Portfolio - Emerging Discovery	ALUP11-BR	Alupar Investimento SA Unit Cons of 1 Sh + 2	8.86%	
MELI-US	MercadoLibre, Inc.	39.26%	0.86%	0.86%	\$2,909.40M	Artisan Developing World Fund	NVDA-US	NVIDIA Corporation	8.56%	
ITUB4-BR	Itau Unibanco Holding SA Pfd	35.93%	0.39%	0.03%	\$1,203.23M	Touchstone Strategic Trust - Sands Capital E.M. Growth Fund	MELI-US	MercadoLibre, Inc.	8.40%	
BAP-US	Credicorp Ltd.	35.93%	0.34%	0.20%	\$1,182.51M	Overstone Fund PLC - Emerging Markets Equity Fund	EMBR3-BR	Embraer S.A.	7.73%	
B3SA3-BR	B3 SA - Brasil, Bolsa, Balcao	28.52%	0.26%	0.04%	\$1,235.48M	First State Investments ICVC - Global Emerging Markets Fd.	QUINENCO-CL	Quinenco S.A.	7.51%	
BBDC4-BR	Banco Bradesco SA Pfd	26.30%	0.19%	-0.02%	\$1,012.83M	Artisan Developing World Fund	MELI-US	MercadoLibre, Inc.	7.14%	
BBAS3-BR	Banco do Brasil S.A.	25.93%	0.23%	0.13%	\$519.18M	Wasatch Emerging Markets Select Fund	MELI-US	MercadoLibre, Inc.	7.07%	
VALE3-BR	Vale S.A.	25.56%	0.39%	-0.65%	\$3,513.64M	Mobius SICAV - Emerging Markets Fund	EPAM-US	EPAM Systems, Inc.	6.84%	
RENT3-BR	Localiza Rent A Car SA	25.19%	0.26%	0.13%	\$1,027.06M	Flossbach von Storch - Global Emerging Markets Equities	V-US	Visa Inc. Class A	6.74%	
PETR4-BR	Petroleo Brasileiro SA Pfd	24.81%	0.25%	-0.11%	\$995.95M	Overstone Fund PLC - Emerging Markets Equity Fund	TX-US	Ternium S.A. Sponsored ADR	6.48%	
WEGE3-BR	WEG S.A.	24.44%	0.24%	0.06%	\$728.19M	Virtus SGA Emerging Markets Growth Fund	WALMEX-MX	Wal-Mart de Mexico SAB de CV	6.22%	
AC-MX	Arca Continental SAB de CV	22.59%	0.17%	0.12%	\$394.75M	Pinnacle ICAV - Aikya Global Emerging Markets Fund UCITS	P4182E120	Fomento Economico Mexicano SAB de CV	6.18%	
GAPB-MX	Grupo Aeroportuario del Pacifico SAB de CV	22.22%	0.19%	0.10%	\$719.51M	Mobius SICAV - Emerging Markets Fund	TOTS3-BR	TOTVS S.A.	6.11%	
SQM.B-CL	Sociedad Quimica y Minera de Chile SA Pfd	21.85%	0.15%	-0.05%	\$524.28M	Redwheel Global Emerging Equity Fund	FM-CA	First Quantum Minerals Ltd.	6.03%	
RADL3-BR	Raia Drogasil S.A.	21.48%	0.23%	0.16%	\$912.02M	First Sentier Invts ICVC - FSSA Global Emerging Markets Focus	ALSEA-MX	Alsea, S.A.B. de C.V.	5.80%	
PETR3-BR	Petroleo Brasileiro SA	21.11%	0.27%	-0.05%	\$1,291.26M	Artisan Developing World Fund	ABNB-US	Airbnb, Inc. Class A	5.75%	
GLOB-US	Globant SA	21.11%	0.18%	0.18%	\$493.96M	PGIM Jennison Emerging Markets Equity Opportunities Fund	BZ-US	Boise Inc.	5.74%	
FEMSAUBD-MX	Fomento Economico Mexicano SAB de CV Un	20.37%	0.33%	0.08%	\$948.96M	Jupiter Global Emerging Markets Fund	MELI-US	MercadoLibre, Inc.	5.72%	
AMXL-MX	America Movil SAB de CV Class L	19.63%	0.19%	-0.23%	\$1,325.67M	First Sentier Investors ICVC - Stewart Inv. Glb. EM Leaders	FEMSAUBD-MX	Fomento Economico Mexicano SAB de CV Uni	5.72%	
ABEV3-BR	Ambev SA	19.26%	0.17%	-0.01%	\$1,089.88M	UBAM - Positive Impact Emerging Equity	GENTERA-MX	Gentera SAB de CV	5.67%	
HAPV3-BR	Hapvida Participacoes e Investimentos SA	18.52%	0.11%	0.05%	\$523.10M	Comgest Growth Plc - Emerging Markets Plus	BBSE3-BR	BB Seguridade Participacoes SA	5.66%	
LREN3-BR	Lojas Renner S.A.	18.15%	0.11%	0.04%	\$645.14M	Baillie Gifford Overseas Growth Fund - Emer. Mkts. Leading Co.	MELI-US	MercadoLibre, Inc.	5.64%	
GGBR4-BR	Gerdau S.A. Pfd	17.41%	0.10%	-0.01%	\$389.53M	GQG Partners Emerging Markets Equity Fund	VALE3-BR	Vale S.A.	5.59%	
GMEXICOB-MX	Grupo Mexico S.A.B. de C.V. Class B	17.04%	0.15%	-0.05%	\$1,944.91M	Virtus SGA Emerging Markets Growth Fund	XP-US	XP Inc. Class A	5.42%	
Americas: Agg	gregate Stock Holdings Data, Largest Ov				Americas: Top Stock Holdings, \$					

П	Americus, Ag	gyregate Stock Holalings Data, Largest C	iverweight nolullig:			
П	Ticker	Stock Name	Vs Benchmark	Average Weight	Funds Invested %	Fund AUM, \$
П	MELI-US	MercadoLibre, Inc.	0.86%	0.86%	39.26%	\$2,909.40M
П	GFNORTEO-MX	Grupo Financiero Banorte SAB de CV Class O	0.41%	0.73%	51.11%	\$2,370.69M
П	WALMEX-MX	Wal-Mart de Mexico SAB de CV	0.36%	0.66%	42.96%	\$2,773.31M
П	BAP-US	Credicorp Ltd.	0.20%	0.34%	35.93%	\$1,182.51M
П	GLOB-US	Globant SA	0.18%	0.18%	21.11%	\$493.96M
П	RADL3-BR	Raia Drogasil S.A.	0.16%	0.23%	21.48%	\$912.02M
П	FM-CA	First Quantum Minerals Ltd.	0.15%	0.15%	8.15%	\$869.35M
П	BBAS3-BR	Banco do Brasil S.A.	0.13%	0.23%	25.93%	\$519.18M
П	RENT3-BR	Localiza Rent A Car SA	0.13%	0.26%	25.19%	\$1,027.06M
Ш	BBSE3-BR	BB Seguridade Participacoes SA	0.12%	0.19%	15.56%	\$665.06M

Americas: A	Americas: Aggregate Stock Holdings Data, Largest Underweight Holdings							
Ticker	Stock Name	Vs Benchmark	Average Weight	Funds Invested %	Fund AUM, \$			
VALE3-BR	Vale S.A.	-0.65%	0.39%	25.56%	\$3,513.64M			
AMXL-MX	America Movil SAB de CV Class L	-0.23%	0.19%	19.63%	\$1,325.67M			
PETR4-BR	Petroleo Brasileiro SA Pfd	-0.11%	0.25%	24.81%	\$995.95M			
ELET3-BR	Centrais Eletricas Brasileiras SA-Eletrobras	-0.08%	0.06%	8.15%	\$301.45M			
GFINBURO-MX	Grupo Financiero Inbursa SAB de CV Class O	-0.07%	0.00%	4.44%	\$39.63M			
ITSA4-BR	Itausa - Investimentos Itau SA Pfd	-0.06%	0.06%	9.63%	\$215.85M			
SQM.B-CL	Sociedad Quimica y Minera de Chile SA Pfd	-0.05%	0.15%	21.85%	\$524.28M			
BIMBOA-MX	Grupo Bimbo SAB de CV Class A	-0.05%	0.05%	9.63%	\$81.84M			
GMEXICOB-MX	Grupo Mexico S.A.B. de C.V. Class B	-0.05%	0.15%	17.04%	\$1,944.91M			
PETR3-BR	Petroleo Brasileiro SA	-0.05%	0.27%	21.11%	\$1,291.26M			

Americas: Top Stock Holdings, \$			
Fund Name	Ticker	Stock Name	
American Funds New World Fund	MSFT-US	Microsoft Corporation	\$1,273M
Invesco Developing Markets Fund	GMEXICOB-MX	Grupo Mexico S.A.B. de C.V. Class B	\$1,268M
American Funds New World Fund	VALE3-BR	Vale S.A.	\$897M
Invesco Developing Markets Fund	VALE3-BR	Vale S.A.	\$693M
American Funds New World Fund	TMO-US	Thermo Fisher Scientific Inc.	\$619M
American Funds New World Fund	MELI-US	MercadoLibre, Inc.	\$600M
GQG Partners Emerging Markets Equity Fund	VALE3-BR	Vale S.A.	\$581M
Invesco Developing Markets Fund	WALMEX-MX	Wal-Mart de Mexico SAB de CV	\$529M
American Funds New World Fund	LLY-US	Eli Lilly and Company	\$508M
American Funds New World Fund	FM-CA	First Quantum Minerals Ltd.	\$495M
American Funds New World Fund	MU-US	Micron Technology, Inc.	\$456M
American Funds New World Fund	AVGO-US	Broadcom Inc.	\$443M
GQG Partners Emerging Markets Equity Fund	PETR3-BR	Petroleo Brasileiro SA	\$438M
American Funds New World Fund	FCX-US	Freeport-McMoRan, Inc.	\$423M
Invesco Developing Markets Fund	ABEV3-BR	Ambev SA	\$403M
American Funds New World Fund	B3SA3-BR	B3 SA - Brasil, Bolsa, Balcao	\$394M
American Funds New World Fund	WOLF-US	Great Wolf Resorts Inc.	\$360M
Invesco Developing Markets Fund	AMXL-MX	America Movil SAB de CV Class L	\$360M
GQG Partners Emerging Markets Equity Fund	WALMEX-MX	Wal-Mart de Mexico SAB de CV	\$359M
Artisan Developing World Fund	NVDA-US	NVIDIA Corporation	\$342M
American Funds New World Fund	ALB-US	Albemarle Corporation	\$306M
Invesco Developing Markets Fund	BBDC4-BR	Banco Bradesco SA Pfd	\$301M
Artisan Developing World Fund	MELI-US	MercadoLibre, Inc.	\$285M
JPMorgan Emerging Markets Equity Fund	MELI-US	MercadoLibre, Inc.	\$279M

Stock Holdings Activity, Americas



Ticker	Stock Name	Funds Invested % Δ	Average Weight Δ	Average Wgt vs Benchmark Δ	Fund Flows
LASITEB.1-MX	Sitios Latinoamerica SAB de CV	10.74%	0.00%	0.00%	\$15.81
GFNORTEO-MX	Grupo Financiero Banorte SAB de CV Class O	6.30%	0.21%	0.13%	(\$213.991
ASAI3-BR	Sendas Distribuidora SA	5.56%	0.04%	-0.01%	\$81.47
RENT1-BR	Localiza Rent A Car SA Rights 2022-31.10.22	4.44%	0.00%	0.00%	\$0.43
RENT3-BR	Localiza Rent A Car SA	4.44%	0.02%	0.00%	\$67.79
MELI-US	MercadoLibre, Inc.	4.07%	0.24%	0.24%	(\$190.63
TUB4-BR	Itau Unibanco Holding SA Pfd	4.07%	0.02%	0.01%	(\$47.91
NALMEX-MX	Wal-Mart de Mexico SAB de CV	3.70%	0.05%	0.05%	(\$223.62
NU-US	Nu Holdings Ltd. Class A	3.70%	0.04%	0.04%	\$126.93
BAP-US	Credicorp Ltd.	3.70%	0.03%	0.03%	\$114.0
ASURB-MX	Grupo Aeroportuario del Sureste SAB de CV	3.33%	0.02%	0.01%	\$0.3
SAPB-MX	Grupo Aeroportuario del Pacifico SAB de CV	3.33%	0.03%	0.02%	(\$128.1
RIO3-BR	Petro Rio SA	2.96%	0.03%	-0.02%	(\$8.95
Z-US	Boise Inc.	2.96%	0.02%	-0.02%	\$61.4
.C-MX	Arca Continental SAB de CV	2.96%	0.03%	0.02%	\$22.3
OTS3-BR	TOTVS S.A.	2.59%	0.02%	0.02%	\$15.8
RKM5-BR	Braskem S.A. Pfd A	2.59%	0.00%	0.01%	\$11.9
PAC11-BR	Banco BTG Pactual SA Units Cons of 1 Sh + 2	2.59%	0.00%	0.01%	\$18.6
IYPE3-BR	Hypera S.A.	2.59%	0.00%	0.00%	\$51.6
VEGE3-BR	WEG S.A.	2.22%	0.07%	0.03%	(\$18.2)
3SA3-BR	B3 SA - Brasil, Bolsa, Balcao	1.85%	0.02%	0.00%	(\$279.30
GPA3-BR	Ultrapar Participacoes S.A.	1.85%	0.01%	0.01%	\$21.8
IMS3-BR	TIM S.A.	1.85%	0.01%	0.01%	\$32.3
SUZB3-BR	Suzano S.A.	1.85%	0.00%	0.01%	(\$28.28
ORBIA-MX	Orbia Advance Corp. SAB de CV	1.85%	0.00%	0.01%	(\$13.94

Americas: Largest Fund Level Changes in S	Stock Weight	, %. 7/31/2022 - 1/31/20	23		
Fund Name	Ticker	Stock Name	New or Close		
Morgan Stanley Instl. Fund - Emerging Markets Lea	MELI-US	MercadoLibre, Inc.			4.37%
Alger Funds II - Emerging Markets Fund	MELI-US	MercadoLibre, Inc.	New		4.22%
Pictet Global Selection Fund - Global Growing Mark	GFNORTEO-MX	Grupo Financiero Banorte S	New		3.61%
PGIM Jennison Emerging Markets Equity Opportuni	NU-US	Nu Holdings Ltd. Class A	New		3.30%
Virtus Emerging Markets Opportunities Fund	GFNORTEO-MX	Grupo Financiero Banorte S			3.13%
Amonis Equity Emerging Markets	MELI-US	MercadoLibre, Inc.	New		3.12%
Seafarer Overseas Value Fund	XP-US	XP Inc. Class A			3.03%
Fidelity Active Strategy - Emerging Markets Fund	ITUB4-BR	Itau Unibanco Holding SA P	New		3.01%
Amonis Equity Emerging Markets	B3SA3-BR	B3 SA - Brasil, Bolsa, Balcao			3.01%
Guinness Asset Mgmt. Fund Plc - Emerging Markets	HYPE3-BR	Hypera S.A.	New		2.72%
Seafarer Overseas Value Fund	ODPV3-BR	OdontoPrev S.A.	New		2.62%
Fidelity Active Strategy - Emerging Markets Fund	SCCO-US	Southern Copper Corporati	New		2.62%
Coronation Global Opportunities Fund - Global Eme	PETR3-BR	Petroleo Brasileiro SA	Close	-3.29%	
Ashmore Emerging Markets Active Equity Fund	HYPE3-BR	Hypera S.A.		-3.42%	
Allianz Global Investors Fund - Best Styles EM Equit	BBAS3-BR	Banco do Brasil S.A.		-3.46%	
Alger Funds II - Emerging Markets Fund	EPAM-US	EPAM Systems, Inc.		-3.56%	
St. James's Place Unit Trust - Emerging Markets Eq	GAPB-MX	Grupo Aeroportuario del Pa		-3.60%	
JOHCM Emerging Markets Opportunities Fund	PETR3-BR	Petroleo Brasileiro SA		-3.64%	
Fisher Invts. Instl. Fds. Plc - Emerging Markets Eq. E	GGBR4-BR	Gerdau S.A. Pfd	Close	-3.66%	
Allianz Global Investors Fund - GEM Equity High Divi	JBSS3-BR	JBS S.A.		-3.67%	
Fidelity Active Strategy - Emerging Markets Fund	FM-CA	First Quantum Minerals Ltd.	Close	-3.91%	
St. James's Place Unit Trust - Emerging Markets Eq	GLOB-US	Globant SA		-4.12%	
BNY Mellon Emerging Markets Fund	PETR3-BR	Petroleo Brasileiro SA	Close	-5.30%	
Redwheel Global Emerging Equity Fund	SQM.B-CL	Sociedad Quimica y Minera		-5.33%	

Americas: Aggregate Stock Holdings Changes - Largest Decreases in Funds Invested %. 7/31/2022 - 1/31/2023						
Ticker	Stock Name	Funds Invested % Δ	Average Weight Δ	Average Wgt vs Benchmark Δ	Fund Flows, \$	
AMXL-MX	America Movil SAB de CV Class L	-3.70%	-0.03%	-0.01%	(\$5.05M)	
CAP-CL	CAP S.A.	-2.96%	0.00%	0.00%	(\$1.89M)	
SANB11-BR	Banco Santander (Brasil) S.A. Units Cons of	-2.96%	-0.02%	-0.02%	(\$11.76M)	
CMIN3-BR	CSN Mineracao SA	-2.59%	0.00%	0.00%	(\$11.98M)	
CPLE6-BR	Companhia Paranaense de Energia - COPEL	-2.59%	0.00%	0.00%	(\$26.63M)	
BSANTANDER-CL	Banco Santander-Chile	-2.22%	-0.01%	-0.01%	\$39.65M	
CSNA3-BR	Companhia Siderurgica Nacional	-2.22%	0.00%	-0.01%	(\$1.71M)	
BBDC4-BR	Banco Bradesco SA Pfd	-1.85%	-0.11%	-0.04%	(\$217.41M)	
LEGN-US	Legend Biotech Corporation Sponsored ADR	-1.85%	0.00%	-0.01%	(\$4.71M)	
ALPA4-BR	Alpargatas SA Pfd	-1.85%	0.00%	0.01%	(\$3.81M)	
COPEC-CL	Empresas Copec S.A.	-1.85%	-0.01%	0.00%	(\$2.26M)	
FCX-US	Freeport-McMoRan, Inc.	-1.85%	0.01%	0.01%	(\$13.96M)	
ITSA4-BR	Itausa - Investimentos Itau SA Pfd	-1.85%	-0.01%	0.00%	\$86.61M	
MRFG3-BR	Marfrig Global Foods SA	-1.85%	-0.01%	-0.01%	(\$11.36M)	
DLO-US	DLocal Limited Class A	-1.85%	-0.03%	-0.03%	(\$50.61M)	
SMT03-BR	Sao Martinho S.A.	-1.85%	-0.01%	-0.01%	(\$18.67M)	
AERI3-BR	Aeris Industria e Comercio de Equipamentos	-1.48%	-0.01%	-0.01%	(\$9.00M)	
CCU-CL	Compania Cervecerias Unidas S.A.	-1.48%	0.00%	0.00%	(\$2.22M)	
GETT11-BR	Getnet Adquirencia e Servicos Para Meios d	-1.48%	0.00%	0.00%	(\$0.11M)	
TAEE11-BR	Transmissora Alianca De Energia Eletrica S.A	-1.48%	-0.01%	-0.01%	(\$8.72M)	
FM-CA	First Quantum Minerals Ltd.	-1.48%	-0.01%	-0.01%	(\$197.81M)	
JBSS3-BR	JBS S.A.	-1.48%	-0.09%	-0.06%	(\$80.31M)	
KLBN11-BR	Klabin SA Ctf de Deposito de Acoes Cons of	-1.48%	-0.01%	-0.01%	(\$5.01M)	
GMEXICOB-MX	Grupo Mexico S.A.B. de C.V. Class B	-1.11%	-0.01%	-0.02%	(\$102.23M)	
AGRO-US	Adecoagro S.A.	-1.11%	0.00%	0.00%	(\$4.14M)	

Americas: Largest Fund Level Stock Inflow	s/Outflows, \$.	7/31/2022 - 1/31/2023			
Fund Name	Ticker	Stock Name	New or Close		
GQG Partners Emerging Markets Equity Fund	LRCX-US	Lam Research Corporation	New		\$170M
American Funds New World Fund	CARR-US	Carrier Global Corp.			\$136M
GQG Partners Emerging Markets Equity Fund	WALMEX-MX	Wal-Mart de Mexico SAB de			\$131M
Invesco Developing Markets Fund	VALE3-BR	Vale S.A.			\$102M
American Funds New World Fund	SNPS-US	Synopsys, Inc.	New		\$92M
Invesco Developing Markets Fund	BAP-US	Credicorp Ltd.			\$89M
JPMorgan Emerging Markets Equity Fund	EL-US	Estee Lauder Companies Inc	New		\$85M
American Funds New World Fund	RDOR3-BR	Rede DOR Sao Luiz SA			\$85M
Artisan Developing World Fund	SNOW-US	Snowflake, Inc. Class A	New		\$83M
Fidelity Inv. Trust - Emerging Markets Opportunities.	. PETR3-BR	Petroleo Brasileiro SA			\$77M
Fidelity Inv. Trust - Emerging Markets Opportunities.	. PETR4-BR	Petroleo Brasileiro SA Pfd			\$71M
American Funds New World Fund	XP-US	XP Inc. Class A			\$69M
St. James's Place Unit Trust - Emerging Markets Eq.	. GAPB-MX	Grupo Aeroportuario del Pac		(\$109M)	
American Funds New World Fund	GM-US	General Motors Company		(\$123M)	
American Funds New World Fund	NFE-US	New Fortress Energy Inc. Cla		(\$125M)	
Fidelity Inv. Trust - Emerging Markets Opportunities.	. SQM.B-CL	Sociedad Quimica y Minera		(\$133M)	
GQG Partners Emerging Markets Equity Fund	NEM-US	Newmont Corporation	Close	(\$135M)	
GQG Partners Emerging Markets Equity Fund	XOM-US	Exxon Mobil Corporation		(\$138M)	
Invesco Developing Markets Fund	AMER3-BR	Americanas SA	Close	(\$156M)	
American Funds New World Fund	MSFT-US	Microsoft Corporation		(\$161M)	
Invesco Developing Markets Fund	WALMEX-MX	Wal-Mart de Mexico SAB de		(\$213M)	
American Funds New World Fund	GOOG-US	Alphabet Inc. Class C		(\$223M)	
Invesco Developing Markets Fund	FEMSAUBD-MX	Fomento Economico Mexica		(\$233M)	
American Funds New World Fund	ADBE-US	Adobe Incorporated	Close	(\$282M)	

Stock Sentiment Grid, Americas

Z-Score Funds Invested % vs history

Z-Score Funds O/W % vs history

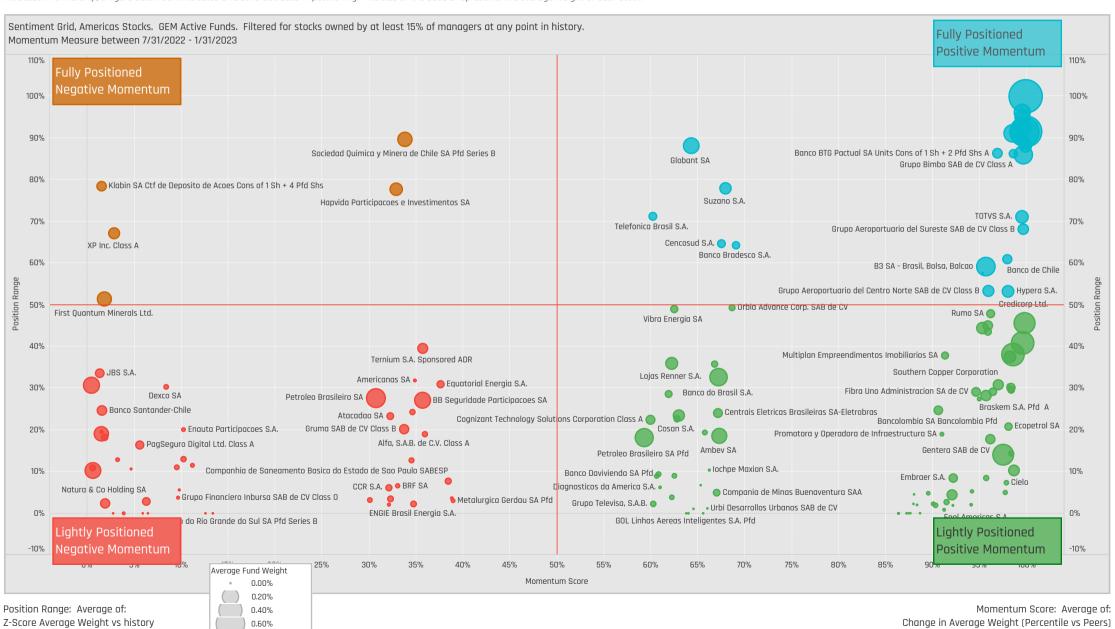
0.86%



Change in Funds Invested % (Percentile vs Peers)

Change in Funds O/W % (Percentile vs Peers)

We combine the latest Americas stock positioning, long-term positioning and short-term fund activity in the 'Sentiment Grid', below. The Y-Axis measures where today's ownership levels in each stock sit relative to the long-term range. We calculate the Z-Score of today's average weight, funds invested % and funds 0/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 % and funds o/w % between 7/31/2023 and 1/31/2023, relative to each stock. A figure above 50% means a stock 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 stock.



Stock Holdings Snapshot, EMEA



EMEA: Aggi	regate Stock Holdings Data, Ranked by	Most Widely Held.				EMEA: Top Stock Holdings, %				
Ticker	Stock Name	Funds Invested %	Average Weight	Vs Benchmark	Fund AUM, \$	Fund Name	Ticker	Stock Name		
NPN-ZA	Naspers Limited Class N	30.00%	0.51%	-0.11%	\$1,916.73M	Orbis SICAV - Emerging Markets Equity Fund	NPN-ZA	Naspers Limited Class N		14.91%
FSR-ZA	FirstRand Limited	24.81%	0.21%	-0.06%	\$1,275.63M	Aubrey Capital Mgmt. Access Fund - Global EM Opportunities	TKG-ZA	Telkom SA SOC Ltd.		12.11%
EMAAR-AE	Emaar Properties (P.J.S.C)	22.59%	0.20%	0.11%	\$558.07M	Odey Investments Plc - Brook Global Emerging Markets Fund	PRX-NL	Prosus N.V. Class N	6.679	%
ABG-ZA	Absa Group Limited	22.59%	0.17%	0.03%	\$231.70M	Nordea Emerging Market Equities	PRX-NL	Prosus N.V. Class N	6.49	%
1180-SA	Saudi National Bank	21.85%	0.15%	-0.25%	\$701.33M	Coronation Global Opportunities Fund - Global Emerging Mark	PRX-NL	Prosus N.V. Class N	6.11%	
CPI-ZA	Capitec Bank Holdings Limited	21.48%	0.18%	0.05%	\$1,083.87M	Jupiter Global Emerging Markets Fund	BGEO-GB	Bank of Georgia Group Plc	6.04%	6
CLS-ZA	Clicks Group Limited	21.11%	0.18%	0.12%	\$477.05M	Orbis SICAV - Emerging Markets Equity Fund	BATS-GB	British American Tobacco p.l.c.	6.03%	6
DNP-PL	Dino Polska SA	20.37%	0.19%	0.13%	\$484.51M	Schroder Intl. Selctn. Fd. SICAV - Emerging Mrkts. Eq. Impact	PRU-GB	Prudential plc	5.97%	1
OTP-HU	OTP Bank Nyrt	18.15%	0.14%	0.04%	\$504.70M	Schroder Intl. Selctn. Fd. SICAV - Emerging Mrkts. Eq. Impact	TENERGY-GR	Terna Energy S.A.	5.72%	
IMP-ZA	Impala Platinum Holdings Limited	18.15%	0.08%	-0.06%	\$341.49M	Jupiter Asset Mgmt. Series Plc - Global EM Focus Fd.	BGEO-GB	Bank of Georgia Group Plc	5.58%)
1120-SA	Al Rajhi Bank	17.78%	0.18%	-0.45%	\$982.30M	Morgan Stanley Instl. Fund - Emerging Markets Leaders Port.	DHER-DE	Delivery Hero SE	5.55%	
QNBK-QA	Qatar National Bank QPSC	16.67%	0.09%	-0.24%	\$428.51M	Robeco Capital Gr. Fds Emerging Stars Equities	NPN-ZA	Naspers Limited Class N	5.16%	
GFI-ZA	Gold Fields Limited	16.30%	0.12%	-0.03%	\$472.46M	Fidelity Institutional Funds - Emerging Markets Fund	NPN-ZA	Naspers Limited Class N	5.03%	
SBK-ZA	Standard Bank Group Limited	15.93%	0.08%	-0.11%	\$331.51M	Robeco Capital Gr. Fds Sustainable Emerging Stars Equities	NPN-ZA	Naspers Limited Class N	4.91%	
RICHT-HU	Chemical Works of Gedeon Richter Plc	15.56%	0.13%	0.08%	\$473.27M	ODIN Emerging Markets	TEP-FR	Teleperformance SA	4.91%	
NED-ZA	Nedbank Group Limited	15.19%	0.07%	-0.01%	\$204.23M	Eastspring Investments - Global Emerging Markets Dynamic F	NPN-ZA	Naspers Limited Class N	4.80%	
COMI-EG	Commercial International Bank (Egypt) SAE	15.19%	0.08%	0.02%	\$244.09M	Van Eck Emerging Markets Fund	PRX-NL	Prosus N.V. Class N	4.78%	
2222-SA	Saudi Arabian Oil Company (Saudi Aramco)	15.19%	0.09%	-0.21%	\$394.55M	Fidelity Funds SICAV - Emerging Markets Fund	NPN-ZA	Naspers Limited Class N	4.69%	
1150-SA	Alinma Bank	15.19%	0.09%	-0.04%	\$376.91M	BNY Mellon Investment Fds Emerging Income Fund	BATS-GB	British American Tobacco p.l.c.	4.65%	
AMS-ZA	Anglo American Platinum Limited	14.81%	0.06%	0.00%	\$139.20M	Pinnacle ICAV - Aikya Global Emerging Markets Fund UCITS	ULVR-GB	Unilever PLC	4.62%	
MTN-ZA	MTN Group Limited	14.44%	0.10%	-0.11%	\$494.16M	Artisan Developing World Fund	ADYEN-NL	Adyen NV	4.58%	
SHP-ZA	Shoprite Holdings Limited	13.70%	0.10%	-0.01%	\$396.35M	First Sentier Invts ICVC - FSSA Global Emerging Markets Focus	PRX-NL	Prosus N.V. Class N	4.50%	
MRP-ZA	Mr Price Group Limited	13.70%	0.05%	0.01%	\$121.72M	Skagen Kon Tiki	TTE-FR	TotalEnergies SE	4.49%	
MOL-HU	MOL Hungarian Oil & Gas Plc Class A	13.70%	0.05%	0.00%	\$116.71M	WCM Developing World Equity Fund	SAND-SE	Sandvik AB	4.49%	
ADCB-AE	Abu Dhabi Commercial Bank	13.33%	0.08%	-0.01%	\$321.77M	Skyline Umb. Fd. ICAV - ARGA Emerging Market Equity Fund	NPN-ZA	Naspers Limited Class N	4.46%	
EMEA: Aggi	regate Stock Holdings Data, Largest Ov	rerweight Holdings				EMEA: Top Stock Holdings, \$				
Ticker	Stock Name	Vs Benchmark	Average Weight	Funds Invested %	Fund AUM, \$	Fund Name	Ticker	Stock Name		
PRX-NI	Prosus N.V. Class N	0.25%	0.25%	11.11%	\$776.58M	Invesco Developina Markets Fund	RI-FR	Pernod Ricard SA		\$1,105M

П	En En Aggregate Stock Holdings Bata, Edigest Over Weight Holdings							
Ш	Ticker	Stock Name	Vs Benchmark	Average Weight	Funds Invested %	Fund AUM, \$		
Ш	PRX-NL	Prosus N.V. Class N	0.25%	0.25%	11.11%	\$776.58M		
Ш	ULVR-GB	Unilever PLC	0.19%	0.19%	9.26%	\$219.21M		
Ш	ASML-NL	ASML Holding NV	0.16%	0.16%	9.26%	\$1,405.33M		
Ш	AAL-GB	Anglo American plc	0.16%	0.16%	11.48%	\$338.15M		
Ш	PRU-GB	Prudential plc	0.14%	0.14%	7.78%	\$646.72M		
Ш	DNP-PL	Dino Polska SA	0.13%	0.19%	20.37%	\$484.51M		
Ш	CLS-ZA	Clicks Group Limited	0.12%	0.18%	21.11%	\$477.05M		
Ш	EMAAR-AE	Emaar Properties (P.J.S.C)	0.11%	0.20%	22.59%	\$558.07M		
Ш	HEIA-NL	Heineken NV	0.10%	0.10%	4.07%	\$471.97M		
П	MNDI-GB	Mondi plc	0.09%	0.09%	7.04%	\$135.62M		

EMEA: Agg	EMEA: Aggregate Stock Holdings Data, Largest Underweight Holdings							
Ticker	Stock Name	Vs Benchmark	Average Weight	Funds Invested %	Fund AUM, \$			
1120-SA	Al Rajhi Bank	-0.45%	0.18%	17.78%	\$982.30M			
NBK-KW	National Bank of Kuwait K.S.C.	-0.35%	0.03%	5.93%	\$156.16M			
EAND-AE	Emirates Telecommunications Group Compa	-0.34%	0.02%	5.19%	\$144.13M			
KFH-KW	Kuwait Finance House K.S.C.	-0.29%	0.01%	2.96%	\$94.80M			
2010-SA	Saudi Basic Industries Corp.	-0.27%	0.05%	7.78%	\$172.94M			
1180-SA	Saudi National Bank	-0.25%	0.15%	21.85%	\$701.33M			
QNBK-QA	Qatar National Bank QPSC	-0.24%	0.09%	16.67%	\$428.51M			
1211-SA	Saudi Arabian Mining Co.	-0.24%	0.01%	4.81%	\$99.45M			
2222-SA	Saudi Arabian Oil Company (Saudi Aramco)	-0.21%	0.09%	15.19%	\$394.55M			
FAB-AE	First Abu Dhabi Bank P.J.S.C.	-0.19%	0.05%	10.74%	\$227.33M			

Fund Name	Ticker	Stock Name	
Invesco Developing Markets Fund	RI-FR	Pernod Ricard SA	\$1,105
American Funds New World Fund	NOVO.B-DK	Novo Nordisk A/S Class B	\$962M
Invesco Developing Markets Fund	CFR-CH	Compagnie Financiere Richemont SA	\$804M
American Funds New World Fund	MC-FR	LVMH Moet Hennessy Louis Vuitton SE	\$760M
American Funds New World Fund	AIR-FR	Airbus SE	\$691M
American Funds New World Fund	ASML-NL	ASML Holding NV	\$511M
Invesco Developing Markets Fund	1913-HK	Prada S.p.A.	\$476M
American Funds New World Fund	TTE-FR	TotalEnergies SE	\$398M
American Funds New World Fund	AZN-GB	AstraZeneca PLC	\$388M
American Funds New World Fund	RMS-FR	Hermes International SCA	\$377M
GQG Partners Emerging Markets Equity Fund	TTE-FR	TotalEnergies SE	\$357M
Orbis SICAV - Emerging Markets Equity Fund	NPN-ZA	Naspers Limited Class N	\$351M
American Funds New World Fund	EVO-SE	Evolution Gaming Group AB	\$326M
American Funds New World Fund	CPI-ZA	Capitec Bank Holdings Limited	\$317M
American Funds New World Fund	SAF-FR	Safran S.A.	\$301M
GQG Partners Emerging Markets Equity Fund	HEIA-NL	Heineken NV	\$284M
GQG Partners Emerging Markets Equity Fund	ASML-NL	ASML Holding NV	\$283M
American Funds New World Fund	IMCD-NL	IMCD N.V.	\$267M
Invesco Developing Markets Fund	FSR-ZA	FirstRand Limited	\$262M
American Funds New World Fund	MTN-ZA	MTN Group Limited	\$244M
American Funds New World Fund	DSV-DK	DSV A/S	\$239M
Fidelity Inv. Trust - Emerging Markets Opportunities Fund	1120-SA	Al Rajhi Bank	\$231M
American Funds New World Fund	SIKA-CH	Sika AG	\$228M
GQG Partners Emerging Markets Equity Fund	SHEL-GB	Shell PLC	\$219M

Stock Holdings Activity, EMEA



Ticker	Stock Name	Funds Invested % Δ	Average Weight Δ	Average Wgt vs Benchmark Δ	Fund Flows,
2020-SA	SABIC Agri-Nutrients Co.	4.07%	0.02%	0.02%	\$105.79
PKN-PL	Polski Koncern Naftowy ORLEN S.A.	3.70%	0.02%	-0.04%	\$25.23
EMAAR-AE	Emaar Properties (P.J.S.C)	3.70%	0.00%	0.01%	\$38.89
WHL-ZA	Woolworths Holdings Limited	3.33%	0.03%	0.01%	\$27.05
ARI-ZA	African Rainbow Minerals Limited	3.33%	0.01%	0.01%	\$9.27
2222-SA	Saudi Arabian Oil Company (Saudi Aramco)	3.33%	0.01%	0.10%	(\$53.40)
1060-SA	Saudi British Bank	2.96%	0.00%	0.02%	\$32.83
MGROS.E-TR	Migros Ticaret A.S.	2.96%	0.01%	0.01%	\$5.2
SCTR.E-TR	Turkiye Is Bankasi Anonim Sirketi Class C	2.96%	0.01%	-0.01%	\$0.63
KBNK.E-TR	Yapi ve Kredi Bankasi A.S.	2.59%	0.01%	-0.01%	\$23.0
HYAO.E-TR	Turk Hava Yollari A.O.	2.59%	0.00%	-0.06%	\$4.9
GCMEZZ-GR	Galaxy Cosmos Mezz Plc	2.59%	0.00%	0.00%	(\$0.22
381-SA	Arabian Drilling Co.	2.59%	0.01%	0.01%	\$7.1
NG-ZA	AngloGold Ashanti Limited	2.59%	0.02%	-0.01%	\$1.4
PAP-GR	Greek Organisation of Football Prognostics	2.22%	-0.01%	-0.01%	(\$12.77
1YTIL-GR	MYTILINEOS S.A.	2.22%	0.03%	-0.01%	\$37.5
TE-GR	National Bank of Greece S.A.	2.22%	0.01%	-0.03%	\$25.6
UPRS.E-TR	Turkiye Petrol Rafinerileri A.S.	2.22%	0.01%	-0.02%	(\$0.2E
015-SA	Americana Restaurants International PLC	2.22%	0.02%	0.02%	\$27.2
PL-PL	Orange Polska S.A.	2.22%	0.00%	0.02%	(\$1.49
10H-GR	MOTOR OIL (HELLAS) CORINTH REFINERIES S	2.22%	0.01%	0.01%	\$6.4
IB-AE	Dubai Islamic Bank PJSC	2.22%	0.01%	0.01%	\$17.1
DNOCDIST-AE	Abu Dhabi National Oil Company for Distribu	2.22%	0.01%	0.00%	\$23.8
NPN-ZA	Naspers Limited Class N	2.22%	0.12%	-0.01%	\$111.1
CELL.E-TR	Turkcell Iletisim Hizmetleri A.S.	1.85%	0.04%	0.02%	\$4.6

EMEA: Largest Fund Level Changes in Stock Weight, %. 7/31/2022 - 1/31/2023							
Fund Name	Ticker	Stock Name	New or Close				
Fisher Invts. Instl. Fds. Plc - Emerging Markets Eq. E	KIO-ZA	Kumba Iron Ore Limited	New		4.41%		
Eastspring Investments - Global Emerging Markets	KOMB-CZ	Komercni banka, a.s.	New		3.41%		
Virtus SGA Emerging Markets Growth Fund	OR-FR	L'Oreal S.A.	New		3.14%		
Pictet Global Selection Fund - Global Growing Mark	NPN-ZA	Naspers Limited Class N	New		3.10%		
Seafarer Overseas Value Fund	ABI-BE	Anheuser-Busch InBev SA/	New		2.98%		
TCW Developing Markets Equity Fund	TTKOM.E-TR	Turk Telekomunikasyon A.S.	New		2.98%		
UBS Investment Funds ICVC - Global Emerging Mar	NPN-ZA	Naspers Limited Class N			2.90%		
TCW Developing Markets Equity Fund	TCELL.E-TR	Turkcell Iletisim Hizmetleri	New		2.88%		
Virtus SGA Emerging Markets Growth Fund	HEIA-NL	Heineken NV	New		2.85%		
DWS Invest - ESG Global Emerging Markets Equities	RIO-GB	Rio Tinto plc	New		2.82%		
Virtus NFJ Emerging Markets Value Fund	ASML-NL	ASML Holding NV			2.82%		
GQG Partners Emerging Markets Equity Fund	ASML-NL	ASML Holding NV	New		2.72%		
BNY Mellon Emerging Markets Fund	OPAP-GR	Greek Organisation of Foot	Close	-2.20%			
Pictet - Emerging Markets	FERTIGLOBE-AE	Fertiglobe Plc		-2.21%			
FIM Kehittyvaet Markkinat ESG	TATN-RU	TATNEFT PJSC	Close	-2.37%			
St. James's Place Unit Trust - Emerging Markets Eq	DSY-ZA	Discovery Limited		-2.40%			
Redwheel Global Emerging Equity Fund	7010-SA	Saudi Telecom Co.	Close	-2.42%			
Seafarer Overseas Value Fund	TABREED-AE	National Central Cooling Co		-2.46%			
Redwheel Global Emerging Equity Fund	1180-SA	Saudi National Bank		-2.49%			
AB FCP I - Emerging Markets Growth Portfolio	OPAP-GR	Greek Organisation of Foot	Close	-2.82%			
Seafarer Overseas Value Fund	QGTS-QA	Qatar Gas Transport Co.		-2.84%			
Aubrey Capital Mgmt. Access Fund - Global EM Opp	TKG-ZA	Telkom SA SOC Ltd.		-3.27%			
GMO Emerging Markets Select Equity Fund	KSA-US	iShares MSCI Saudi Arabia	Close	-3.34%			
TT International Funds Plc - Emerging Markets Unc	SAVE-GB	Savannah Energy Plc	Close	-4.20%			

Ticker	Stock Name	Funds Invested % Δ	Average Weight Δ	Average Wgt vs Benchmark Δ	Fund Flows, \$
PGN-PL	Polskie Gornictwo Naftowe i Gazownictwo SA	-5.56%	-0.01%	0.03%	(\$12.45M)
MTN-ZA	MTN Group Limited	-4.81%	-0.03%	-0.01%	\$119.07M
1830-SA	Leejam Sports Co.	-4.44%	-0.02%	-0.02%	(\$34.30M)
POLY-GB	Polymetal International Plc	-3.33%	0.00%	0.00%	(\$0.01M)
PKO-PL	PKO Bank Polski S.A.	-2.96%	0.01%	-0.01%	\$3.09M
LTS-PL	Grupa LOTOS S.A.	-2.59%	-0.01%	-0.01%	(\$9.01M)
SBER-RU	Sberbank Russia PJSC	-2.59%	-0.02%	-0.02%	(\$76.54M)
SBLK-US	Star Bulk Carriers Corp.	-2.22%	-0.01%	-0.01%	(\$21.74M)
NPH-ZA	Northam Platinum Holdings Limited	-2.22%	0.00%	0.00%	(\$10.37M)
ALDAR-AE	Aldar Properties - P J S C	-1.85%	-0.01%	0.00%	\$3.37M
PEO-PL	BANK POLSKA KASA OPIEKI SA	-1.85%	0.02%	0.01%	\$18.45M
ARCLK.E-TR	Arcelik A.S.	-1.85%	-0.01%	-0.01%	(\$17.21M)
QEWS-QA	Qatar Electricity & Water Co.	-1.85%	0.00%	0.00%	(\$2.49M)
APN-ZA	Aspen Pharmacare Holdings Limited	-1.85%	-0.01%	0.00%	(\$5.72M)
CPI-ZA	Capitec Bank Holdings Limited	-1.85%	-0.07%	-0.04%	\$35.56M
FIVE-GB	X5 Retail Group N.V. Sponsored GDR RegS	-1.85%	0.00%	0.00%	\$6.21M
QNBK-QA	Qatar National Bank QPSC	-1.48%	-0.04%	0.02%	(\$65.94M)
ALRS-RU	ALROSA PJSC	-1.48%	-0.01%	-0.01%	(\$106.46M)
DEWA-AE	Dubai Electricity & Water Authority PJSC	-1.48%	0.00%	0.00%	(\$10.34M)
EREGL.E-TR	Eregli Demir ye celik Fabrikalari T.A.S.	-1.48%	0.00%	-0.01%	(\$12.19M)
EVR-GB	Evraz PLC	-1.48%	0.00%	0.00%	(\$0.43M)
KRDMD.E-TR	Kardemir Karabiik Demir celik Sanayi ve Tica	-1.48%	0.00%	0.00%	(\$1.07M)
NVTK-RU	NOVATEK JSC	-1.48%	0.00%	0.00%	\$1.09M
SNT-ZA	Santam Limited	-1.48%	0.00%	0.00%	(\$12.34M)
1140-SA	Bank Albilad	-1.48%	0.00%	0.02%	(\$7.33M)

Fund Name	Ticker	Stock Name	New or Close		
American Funds New World Fund	NOVO.B-DK	Novo Nordisk A/S Class B		9	\$462M
American Funds New World Fund	TTE-FR	TotalEnergies SE		\$30	15M
GQG Partners Emerging Markets Equity Fund	ASML-NL	ASML Holding NV	New	\$211M	1
American Funds New World Fund	MTN-ZA	MTN Group Limited		\$192M	1
nvesco Developing Markets Fund	TTE-FR	TotalEnergies SE	New	\$135M	
nvesco Developing Markets Fund	GLEN-GB	Glencore plc	New	\$127M	
nvesco Developing Markets Fund	CFR-CH	Compagnie Financiere Riche		\$120M	
nvesco Developing Markets Fund	ABI-BE	Anheuser-Busch InBev SA/NV	New	\$120M	
American Funds New World Fund	AZN-GB	AstraZeneca PLC		\$109M	
American Funds New World Fund	TEF-ES	Telefonica SA		\$100M	
idelity Inv. Trust - Emerging Markets Opportunities	8210-SA	Bupa Arabia for Cooperative	New	\$91M	
Federated Hermes Invt. Funds - Global Emerging M	ADCB-AE	Abu Dhabi Commercial Bank	New	\$88M	
nvesco Developing Markets Fund	COMI-EG	Commercial International B	Close	(\$74M)	
Rowe Price Emerging Markets Stock Fund	1180-SA	Saudi National Bank		(\$75M)	
American Funds New World Fund	CFR-CH	Compagnie Financiere Riche		(\$83M)	
American Funds New World Fund	BATS-GB	British American Tobacco p.l		(\$84M)	
American Funds New World Fund	AFX-DE	Carl Zeiss Meditec AG		(\$85M)	
idelity Inv. Trust - Emerging Markets Opportunities	2222-SA	Saudi Arabian Oil Company ((\$90M)	
idelity Inv. Trust - Emerging Markets Opportunities	DHER-DE	Delivery Hero SE		(\$101M)	
/ontobel Fund - mtx Sustainable Emerging Market	ALRS-RU	ALROSA PJSC	Close	(\$102M)	
Baron Emerging Markets Fund	GLEN-GB	Glencore plc		(\$105M)	
nvesco Developing Markets Fund	INPST-NL	InPost S.A.	Close	(\$107M)	
nvesco Developing Markets Fund	PRU-GB	Prudential plc	Close	(\$144M)	
nvesco Developing Markets Fund	KER-FR	Kering SA		(\$445M)	

Stock Sentiment Grid, EMEA

0.40%

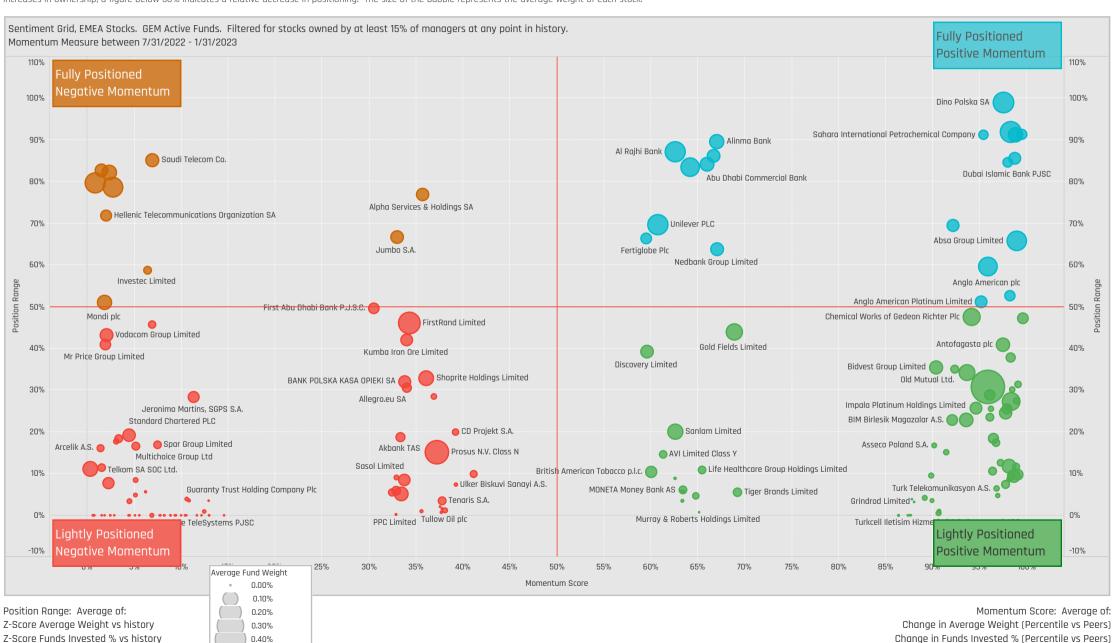
0.51%

Z-Score Funds O/W % vs history



Change in Funds O/W % (Percentile vs Peers)

We combine the latest EMEA stock positioning, long-term positioning and short-term fund activity in the 'Sentiment Grid', below. The Y-Axis measures where today's ownership levels in each stock 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 % and funds o/w % between 7/31/2022 and 1/31/2023, relative to each stock. A figure above 50% means a stock 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 stock.







Fund Name

American Funds New World Fund

Invesco Developing Markets Fund

Artisan Developing World Fund

Baron Emerging Markets Fund Federated Hermes Invt. Funds - Global ..

Schroder ISF - Emerging Markets

MFS Emerging Markets Equity Fund

GQG Partners Emerging Markets Equity...

Vontobel Fund - mtx Sustainable Emer..

Fidelity Inv. Trust - Emerging Markets O.,

JPMorgan Emerging Markets Equity Fu... Fidelity Inv. Trust - Emerging Markets F...

T Rowe Price Emerging Markets Stock .. | Delaware Emergina Markets Fund

iShares MSCI Emerging Markets ETF

Information Technology



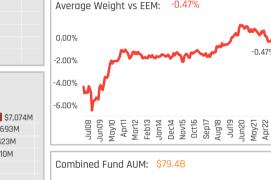








Aggregate Stock Holdings Data, Ranked by Most Widely Held.



\$5,693M \$5,423M

\$5,310M

\$2.503M

\$1,855M \$1,711M

\$1,581M

\$1.551M

\$1,541M

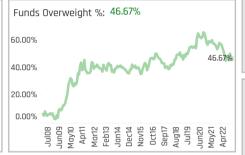
\$1,280M

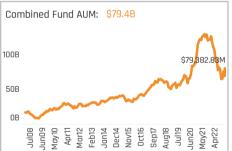
\$1,239M

\$1,212M

\$1.030M

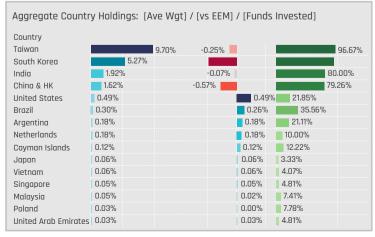
\$1,017M

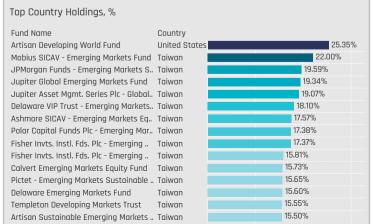






Top Stock Holdings, %			
Fund Name	Ticker	Stock Name	
Templeton Developing Markets Trust	2330-TW	Taiwan Semiconducto	11.39%
Delaware VIP Trust - Emerging Markets	2330-TW	Taiwan Semiconducto	11.25%
JPMCB Emerging Markets Equity Focus	2330-TW	Taiwan Semiconducto	11.04%
Delaware Emerging Markets Fund	2330-TW	Taiwan Semiconducto	10.63%
Ashmore Emerging Markets Active Equi	2330-TW	Taiwan Semiconducto	9.99%
Baillie Gifford Overseas Growth Fund	2330-TW	Taiwan Semiconducto	9.86%
Putnam Emerging Markets Equity Fund	2330-TW	Taiwan Semiconducto	9.73%
Nordea Emerging Market Equities	2330-TW	Taiwan Semiconducto	9.72%
Raiffeisen Sustainable Emerging Mark	2330-TW	Taiwan Semiconducto	9.67%
JPMorgan Emerging Markets Equity Fu	2330-TW	Taiwan Semiconducto	9.67%
Fisher Invts. Instl. Fds. Plc - Emerging	2330-TW	Taiwan Semiconducto	9.65%
Artisan Sustainable Emerging Markets	2330-TW	Taiwan Semiconducto	9.64%
Baillie Gifford Overseas Growth Funds I	2330-TW	Taiwan Semiconducto	9.55%
BNP Paribas Funds - Emerging Equity	2330-TW	Taiwan Semiconducto	9.41%
TT International Funds Plc - Emerging	2330-TW	Taiwan Semiconducto	9.32%







Information Technology





Fund Name

GQG Partners Emerging Market.

iShares MSCI Emeraina Market...

Fidelity Inv. Trust - Emerging M..

MFS Emerging Markets Equity ..

DWS Invest - ESG Global Emerg..

BlackRock Emerging Markets F..

TIAA-CREF Emerging Markets E..

Harding Loevner Institutional E..

St. James's Place Unit Trust - E..

JPMorgan Emerging Markets E.,

Virtus Vontobel Emerging Mark..

Nordea 1 - Emerging Stars Equi...

American Funds New World Fu.,

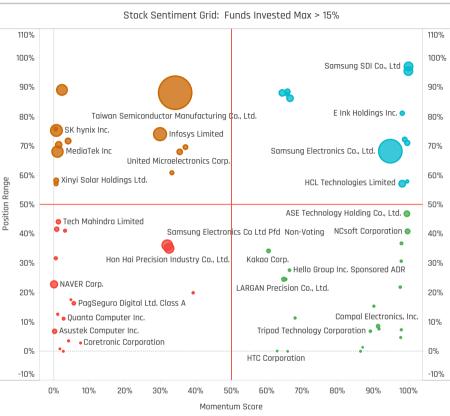
Invesco Developing Markets Fu.,





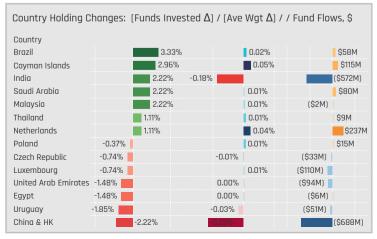












\$530M

\$402M

\$300M

\$120M

\$106M

\$88M

\$79M

(\$1,284M)

(\$178M)

(\$181M)

(\$241M)

(\$266M)

(\$381M)

(\$520M)



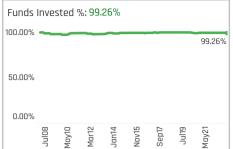


Financials









55,56%

Funds Overweight %: 55.56%



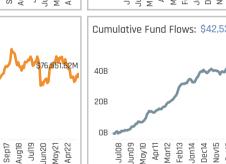
Aggregate Stock Holdings Data, Ranked by Most Widely Held.



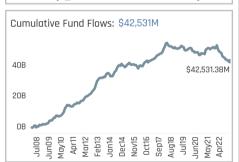


May10
Apr11
Mar12
Feb13
Jan14
Dec14
Nov15

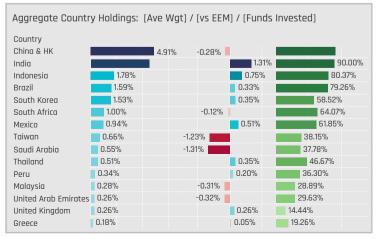
100B



0.00%



Top Stock Holdings, %			
Ford Name	T:-!	04I-N	
Fund Name	Ticker	Stock Name	
Van Eck Emerging Markets Fund	500180-IN	HDFC Bank Limited	8.51%
Invesco Developing Markets Fund	500010-IN	Housing Development	7.72%
Pacific Select Fund - Emerging Markets	500010-IN	Housing Development	7.44%
Fidelity Active Strategy - Emerging Ma	500180-IN	HDFC Bank Limited	7.36%
Fidelity Institutional Funds - Emerging	500180-IN	HDFC Bank Limited	7.35%
Fidelity Funds SICAV - Emerging Marke	500180-IN	HDFC Bank Limited	7.21%
MI Somerset Cap. Mgmt. Invt. Fds. ICVC	532174-IN	ICICI Bank Limited	6.67%
Flossbach von Storch - Global Emergin	500010-IN	Housing Development	6.63%
PGIM Jennison Emerging Markets Equi	388-HK	Hong Kong Exchanges	6.49%
Orbis SICAV - Emerging Markets Equity	039490-KR	Kiwoom Securities Co	6.48%
Virtus SGA Emerging Markets Growth F	500180-IN	HDFC Bank Limited	6.47%
WCM Developing World Equity Fund	1299-HK	AIA Group Limited	6.36%
Wasatch Emerging Markets Select Fund	500180-IN	HDFC Bank Limited	6.18%
Jupiter Asset Mgmt. Series Plc - Global	500180-IN	HDFC Bank Limited	6.16%
Skagen Kon Tiki	2318-HK	Ping An Insurance (Gr	6.12%







Financials



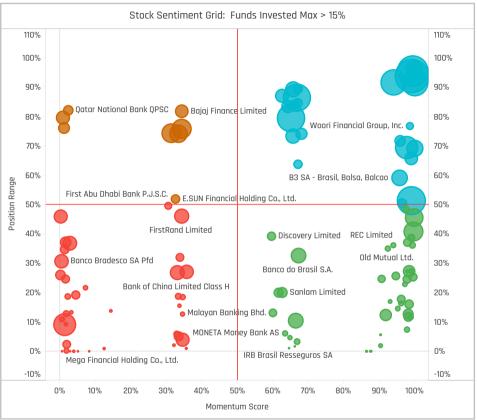












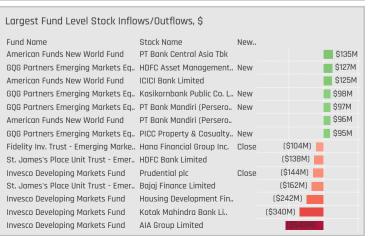






Country Holding Changes: [Funds Invested Δ] / [Ave Wgt Δ] / / Fund Flows, \$							
Country							
Mexico		4.81%		0.25%		(\$272M)	
Peru		3.33%		0.03%		\$115M	
Saudi Arabia		3.33%	-0.14%			\$187M	
Malaysia		3.33%	-0.01%		(\$12M)		
Indonesia		2.96%		0.13%	(\$14M)		
United Arab Emirates		2.96%	-0.01%			\$176M	
Cyprus		2.59%		0.00%	\$0M		
Kenya	-0.37%		0.00%		(\$1M)		
Bahrain	-0.37%		0.00%		(\$2M)		
Egypt	-1.11%			0.01%	(\$80M)		
Taiwan	-1.85%			-0.21%		(\$240M)	
South Korea	-1.85%			0.10%		(\$336M)	
Qatar	-2.59%		-0.05%		(\$52M)		
Russia		-5.93%	-0.04%		(\$195M)		





Communication Services

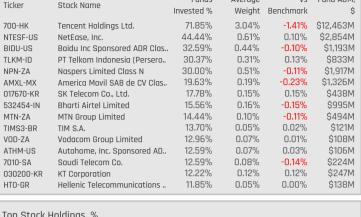


Vs Fund AUM









Aggregate Stock Holdings Data, Ranked by Most Widely Held.

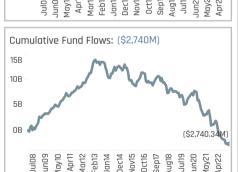


JPMorgan Emerging Markets Equity Fu...

Baron Emerging Markets Fund







Ticker Orbis SICAV - Emerging Markets Equity.. NPN-ZA Aubrey Capital Mgmt. Access Fund - Gl.. Raiffeisen Sustainable Emerging Mark.. 700-HK JOHCM Emerging Markets Opportunitie.. 700-HK TIAA-CREF Emerging Markets Equity Fu.. 700-HK Polar Capital Funds Plc - Emerging Mar.. 700-HK Goldman Sachs ESG Emerging Markets.. 700-HK Ashmore SICAV - Emerging Markets Eq., 700-HK Ashmore Emerging Markets Equity Fund 700-HK CT (Lux) III - Responsible Global Emergi.. 700-HK Schroder ISF - Global Emerging Market ... 700-HK T Rowe Price Emerging Markets Stock ... 700-HK Fidelity Inv. Trust - Emerging Markets F.. 700-HK JPMCB Emerging Markets Equity Focus.. 700-HK Baillie Gifford Overseas Growth Funds I., 700-HK



Aggregate Country Holdings: [Ave Wgt] / [vs EEM] / [Funds Invested] Country China & HK South Africa 0.76% 44.07% 0.39% 36,30% South Korea 0.28% 0.35% 36.30% Indonesia 0.35% 0.00% India 35.93% Mexico 0.24% -0.24% 0.14% -0.20% Taiwan Brazil 0.12% 0.03% 20.37% Saudi Arabia 0.11% -0.20% 18,15% 0.08% -0.04% 11.11% Thailand 0.04% 8,52% Turkey Greece 0.05% 0.00% 11.85% 0.05% 0.05% 3.70% Kenya -0.08% 10.00% Malaysia United Kingdom | 0.04% 0.04% 5.19%

\$440M

\$414M

Top Country Holdings, % Fund Name Country Orbis SICAV - Emerging Markets Equity.. South Africa GW&K Investment Funds Plc - Emergin.. China & HK 13 10% 12,48% TIAA-CREF Emerging Markets Equity Fu.. China & HK 12,20% Ashmore Emerging Markets Active Equi.. China & HK 12.11% Aubrey Capital Mgmt. Access Fund - Gl.. South Africa 10.64% DWS Invest - ESG Global Emerging Mar., China & HK 10.05% Ashmore Emerging Markets Equity Fund China & HK 9.80% Ashmore SICAV - Emerging Markets Eq.. China & HK 9.57% BNP Paribas Funds - Emerging Equity 9.03% Wellington Mgmt. Funds (IE) Plc - Emer.. China & HK 9.02% Delaware Pooled Emerging Markets Po.. China & HK 9.01% Raiffeisen Sustainable Emerging Mark.. China & HK 8.95% Lazard Developing Markets Equity Port.. China & HK 8.93% Baillie Gifford Overseas Growth Funds I.. China & HK 8.88% Delaware VIP Trust - Emerging Markets.. China & HK

0.00%

Ton Stock Holdings, S.

ı	Top ococit fiolanigs, ¢			
ı	Fund Name	Ticker	Stock Name	
ı	Fidelity Inv. Trust - Emerging Markets O	700-HK	Tencent Holdings Ltd.	\$1,211M
ı	iShares MSCI Emerging Markets ETF	700-HK	Tencent Holdings Ltd.	\$1,166M
ı	Invesco Developing Markets Fund	NTESF-US	NetEase, Inc.	\$803M
ı	T Rowe Price Emerging Markets Stock	700-HK	Tencent Holdings Ltd.	\$536M
ı	Invesco Developing Markets Fund	700-HK	Tencent Holdings Ltd.	\$532M
ı	Fidelity Inv. Trust - Emerging Markets F	700-HK	Tencent Holdings Ltd.	\$466M
ı	MFS Emerging Markets Equity Fund	700-HK	Tencent Holdings Ltd.	\$444M
ı	Invesco Developing Markets Fund	AMXL-MX	America Movil SAB de C	\$360M
ı	Orbis SICAV - Emerging Markets Equity	NPN-ZA	Naspers Limited Class N	\$351M
ı	JPMorgan Emerging Markets Equity Fu	700-HK	Tencent Holdings Ltd.	\$334M
ı	American Funds New World Fund	700-HK	Tencent Holdings Ltd.	\$290M
ı	American Funds New World Fund	532454-IN	Bharti Airtel Limited	\$271M
ı	American Funds New World Fund	GOOG-US	Alphabet Inc. Class C	\$255M
ı	Schroder ISF - Emerging Markets	700-HK	Tencent Holdings Ltd.	\$250M
l	American Funds New World Fund	MTN-ZA	MTN Group Limited	\$244M
ı				

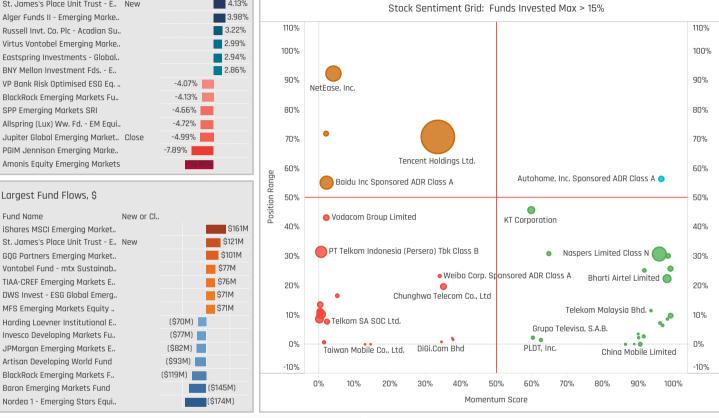
Communication Services





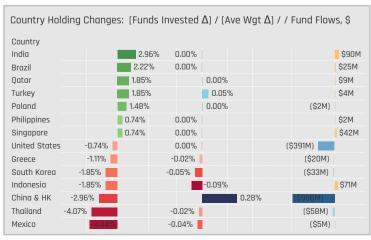
Fund Name















Consumer Discretionary









69,26%

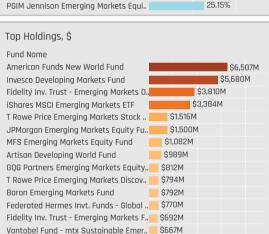
Funds Overweight %: 69.26%

100.00%

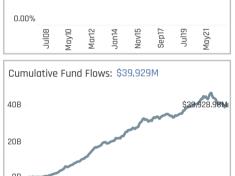
50.00%



Aggregate Stock Holdings Data, Ranked by Most Widely Held.

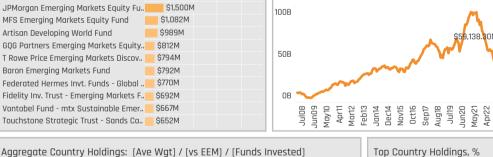






Julo8 Juno9 May10 Apr11 Mar12 Feb13 Jun14 Dec14 Dec14 Sep17 Aug18 Jun20 May21

Top Stock Holdings, %			
Fund Name	Ticker	Stock Name	
Morgan Stanley Instl. Fund - Emerging	MELI-US	MercadoLibre, Inc.	10.41%
TT International Funds Plc - Emerging	9988-HK	Alibaba Group Holding	9.04%
Carmignac Emergents	9901-HK	New Oriental Educatio	9.01%
Touchstone Strategic Trust - Sands Ca	MELI-US	MercadoLibre, Inc.	8.40%
Swedbank Robur Global Emerging Mar	9988-HK	Alibaba Group Holding	8.04%
Morgan Stanley Instl. Fund - Emerging	2331-HK	Li Ning Company Limi	7.89%
TT International Funds Plc - Emerging	9988-HK	Alibaba Group Holding	7.68%
First State Investments ICVC - Global E	QUINENCO-CL	Quinenco S.A.	7.51%
Overstone Fund PLC - Emerging Market	9988-HK	Alibaba Group Holding	7.30%
Artisan Developing World Fund	MELI-US	MercadoLibre, Inc.	7.14%
Wasatch Emerging Markets Select Fund	MELI-US	MercadoLibre, Inc.	7.07%
Invesco Developing Markets Fund	YUMC-US	Yum China Holdings, I	7.03%
Alger Funds II - Emerging Markets Fund	1211-HK	BYD Company Limited	6.96%
PGIM Jennison Emerging Markets Equi	PDD-US	Pinduoduo, Inc. Spons	6.92%
Invesco Emerging Markets Innovators	HTHT-US	H World Group Limite	6.92%



Aggregate 0	Country Holdin	igs: [Ave Wgt] / [v	s EEM] / [Fund	ls Invested]
Country				
China & HK		9.23%	0.52%	97.78%
India	1.00%	-0.27%		59.26%
South Korea	1.00%	-0.12%		52.22%
Argentina	0.92%		0.92%	41.11%
Mexico	0.72%		0.38%	48.52%
Brazil	0.33%		0.14%	44.44%
South Africa	0.32%		0.00%	37.04%
Taiwan	0.29%		0.02%	36.30%
Netherlands	0.25%		0.25%	11.11%
Singapore	0.18%		0.18%	19.26%
United States	0.17%		0.17%	10.74%
Greece	0.14%		0.07%	20.00%
Philippines	0.12%		0.03%	17.41%
Chile	0.11%		0.05%	18.15%
France	0.09%		0.09%	5.93%





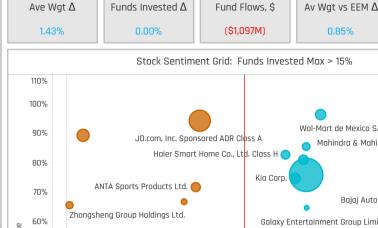
Consumer Discretionary

Funds 0/W % Δ

8.52%









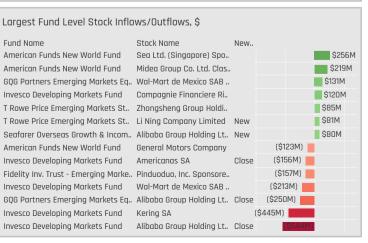




Largest Fund Level Changes in Stock Weight, %						
Fund Name	Stock Name	New				
Redwheel Global Emerging Equity	Alibaba Group Holding Lt	New		5.70%		
Redwheel Global Emerging Equity	Pinduoduo, Inc. Sponsore	New		5.59%		
Seafarer Overseas Growth & Inco	Alibaba Group Holding Lt	New		4.79%		
Allianz Global Investors Fund - Bes	Alibaba Group Holding Lt			4.74%		
DNB Fund - Brighter Future	Trip Com Group Ltd	New		4.73%		
PGIM Jennison Emerging Markets	Pinduoduo, Inc. Sponsore			4.50%		
Morgan Stanley Instl. Fund - Emer	MercadoLibre, Inc.			4.37%		
Fonditalia - Equity Global Emergin	Alibaba Group Holding Lt	Close	-3.26%			
Alger Funds II - Emerging Markets	JD.com, Inc. Sponsored A		-3.27%			
St. James's Place Unit Trust - Eme	Page Industries Limited		-3.30%			
PGIM Jennison Emerging Markets	BYD Company Limited Cl	Close	-3.31%			
Pictet Global Selection Fund - Glob	Mahindra & Mahindra Ltd.	Close	-3.42%			
DNB Fund - Brighter Future	Trip.com Group Ltd. Spon	Close	-3.76%			
St. James's Place Unit Trust - Eme	Trent Limited		-4.12%			

Country Holding Changes: [Funds Invested Δ] / [Ave Wgt Δ] / / Fund Flows, \$ Country United Arab Emirates 0.03% \$53M 4.81% Mexico 4.07% 0.06% (\$224M) Araentina 4.07% (\$214M) \$177M South Korea 1.85% -0.07% Indonesia 1.85% 0.01% \$8M Brazil 1.85% -0.04% (\$89M) 0.02% (\$64M) Taiwan -0.74% 0.00% (\$28M) Germany -0.74% -0.06% \$275M Singapore Thailand -1.48% -0.01% (\$45M) Luxembourg -1.48% 0.01% (\$47M) Russia -1.85% -0.01% (\$27M) Poland -2.22% 0.00% (\$3M) Saudi Arabia -3.33% -0.02% (\$36M)





Consumer Staples

60.00%

40.00%

20.00%









59.63%

Fund Name



Ticker

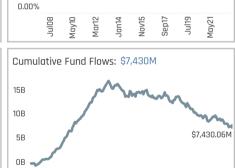
Aggregate Stock Holdings Data, Ranked by Most Widely Held.

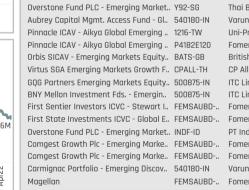




Jul13

Mar20





	Stock Name	
	Thai Beverage Public	7.29%
N	Varun Beverages Ltd.	7.22%
	Uni-President Enterpri	6.50%
:0	Fomento Economico	6.18%
	British American Toba	6.03%
1	CP All Public Co. Ltd.	5.98%
N	ITC Limited	5.87%
N	ITC Limited	5.73%
3D	Fomento Economico	5.72%
3D	Fomento Economico	5.36%
	PT Indofood Sukses M	5.34%
3D	Fomento Economico	5.32%
3D	Fomento Economico	5.31%
N	Varun Beverages Ltd.	5.28%
3D	Fomento Economico	5.27%



Aggregate Country Holdings: [Ave Wgt] / [vs EEM] / [

0.94%

0.87%

0.72%

0.37%

0.33%

0.27%

0.25%

0.19%

0.16%

0.11%

0.10%

0.09%

0.07%

Country

India

Mexico

Brazil

China & HK

South Korea

South Africa

United Kingdom 0.26%

Thailand

Taiwan

Poland

Indonesia

Vietnam

Turkey

Chile

Netherlands

EM] / [Funds Invested]				
0.49%	82.22%			
0.18%				
0.33%	52.96%			
0.29%	61.11%			
0.05%	38.15%			
0.18%	35.93%			
0.00%	25.19%			
0.26%	12.22%			
0.01%	19.63%			
0.13%	21.48%			
	27.04%			
0.11%	4.81%			
0.10%	6.67%			
0.05%	20.74%			
0.06% 9.63%				

0.05%

0.00%

0.01%

0.13%

0.11%

0.10%

0.05%

0.06%

40B

30B

20B

10B

OB

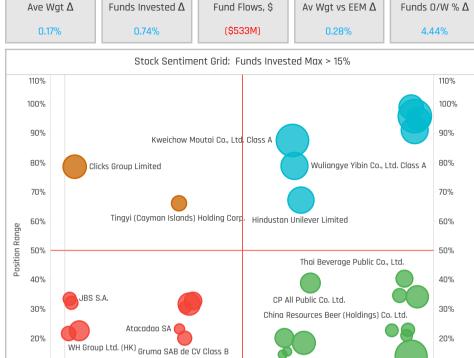




Consumer Staples



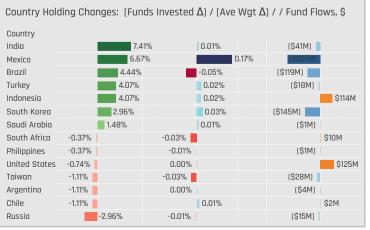








Largest Fund Level Changes in Stock Weight, %						
Fund Name	Stock Name	New				ı
VP Bank Risk Optimised ESG Eq. Fd	Nestle (Malaysia) Bhd.	New			3.49%	ı
Virtus SGA Emerging Markets Gro	L'Oreal S.A.	New			3.14%	ı
Seafarer Overseas Value Fund	Anheuser-Busch InBev S	New			2.98%	ı
Virtus SGA Emerging Markets Gro	Heineken NV	New			2.85%	ı
Ashmore Emerging Markets Active	China Mengniu Dairy Co.,	New			2.64%	ı
St. James's Place Unit Trust - Glob	Budweiser Brewing Co. A				2.52%	ı
Evli Gem Fund	Migros Ticaret A.S.				2.38%	ı
Alger Funds II - Emerging Markets	Budweiser Brewing Co. A		-2.	25%		ı
Allianz Global Investors Fund - Bes	JBS S.A.		-2.3	30%		ı
Fidelity Funds SICAV - Emerging M	Kweichow Moutai Co., Lt		-2.4	17%		ı
Fidelity Institutional Funds - Emer	Kweichow Moutai Co., Lt		-2.	51%		ı
Virtus Emerging Markets Opportun	JBS S.A.		-2.6	2%		ı
Allianz Global Investors Fund - Em	JBS S.A.		-2.7	3%		
Allianz Global Investors Fund - GE	JBS S.A.		-3.679	6		ı



10%

0%

-10%

Natura & Co Holding SA BRE SA

20%

Compania Cervecerias Unidas S.A

30%



PT Gudana Garam Tbk

60%

50%

Momentum Score

10%

0%

-10%

100%



Industrials













Vontobel Fund - mtx Sustainable Emer.. \$364M



Jul13

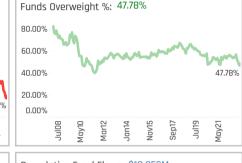
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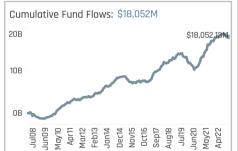
Mar20

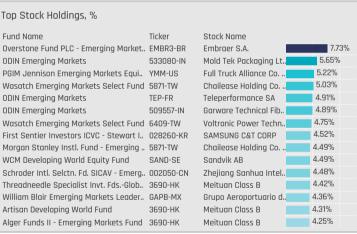
30B

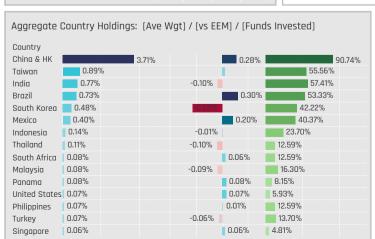
OB

Mar10 Nov11













Industrials





New or Cl.

Fund Name

iShares MSCI Emerging Market...

American Funds New World Fu.,

BlackRock Emerging Markets F..

Vontobel Fund - mtx Sustainab..

T Rowe Price Emerging Markets..

Ninety One Glb. Strat. Fd. - Eme..

Driehaus Mutual Funds - Emerg..

Fidelity Funds SICAV - Emergin..

Nordea 1 - Emerging Stars Equi..

Harding Loevner Institutional E..

GQG Partners Emerging Market..

Fidelity Inv. Trust - Emerging M..

St. James's Place Unit Trust - E.,

Baron Emerging Markets Fund



\$329M

\$72M

\$65M

\$62M

\$44M

\$43M

(\$391M)

(\$70M)

(\$80M)

(\$109M)

(\$118M)

(\$122M)

(\$179M)

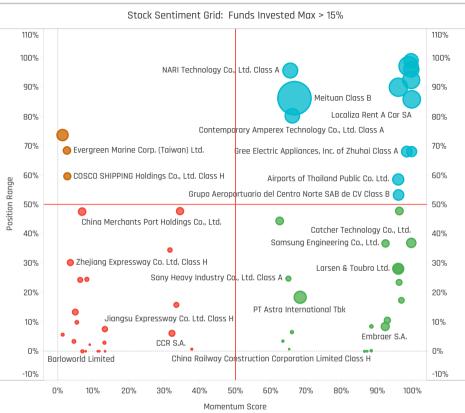
\$324M





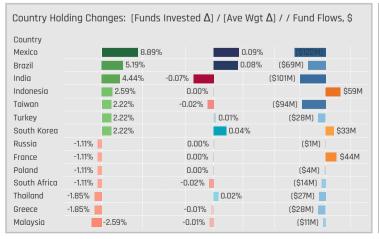














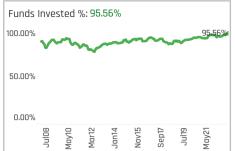


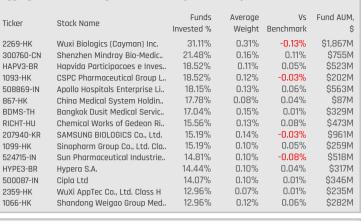
Health Care











Aggregate Stock Holdings Data, Ranked by Most Widely Held.



0.24%

0.13%

0.10%

0.08%

0.06%

0.05%

0.05%

0.03%

0.02%

0.02%

Thailand

Hungary

Indonesia

Taiwan

Japan

Turkey

Malaysia

South Africa

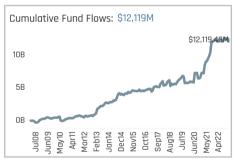
Saudi Arabia

United States

United Kingdom







Top Stock Holdings, %			
Fund Name	Ticker	Stock Name	
Mobius SICAV - Emerging Markets Fund	2138-HK	EC Healthcare	10.21%
Mobius SICAV - Emerging Markets Fund	214150-KR	CLASSYS Inc.	6.95%
Odey Investments Plc - Brook Global E	2269-HK	Wuxi Biologics (Caym	5.20%
CIF - Emerging Markets Growth Fund (L	BGNE-US	BeiGene Ltd Sponsore	5.10%
VP Bank Risk Optimised ESG Eq. Fd E	BDMS-TH	Bangkok Dusit Medica	4.96%
Touchstone Strategic Trust - Sands Ca	508869-IN	Apollo Hospitals Enter	4.84%
Invesco Emerging Markets Innovators	207940-KR	SAMSUNG BIOLOGICS	4.77%
Seafarer Overseas Growth & Income F	207940-KR	SAMSUNG BIOLOGICS	4.54%
Schroder Intl. Selctn. Fd. SICAV - Emerg	500087-IN	Cipla Ltd	4.52%
Ashmore SICAV - Emerging Markets Eq	145720-KR	Dentium Co., Ltd.	4.51%
Schroder Intl. Selctn. Fd. SICAV - Emerg	MDC-GB	Mediclinic Internation	4.30%
BNY Mellon Emerging Markets Securiti	000999-CN	China Resources Sanji	4.23%
VP Bank Risk Optimised ESG Eq. Fd E	KLBF-ID	PT Kalbe Farma Tbk	4.22%
Seafarer Overseas Growth & Income F	RICHT-HU	Chemical Works of Ge	4.07%
Virtus SGA Emerging Markets Growth F	1066-HK	Shandong Weigao Gro	3.68%





21.85%

13.70%

12.96%

8.52%

10.00%

11,48%

3.70%

2.96%

2,59%

0.06%

0.03%

0.00%

0.02%

0.02%

0.02%

-0.01%

Jul13

Mar20

Combined Fund AUM: \$19.3B





Health Care





New or Cl..

\$80M

\$56M

\$50M

\$46M

\$26M

\$24M

(\$38M)

(\$53M)

(\$61M)

(\$70M)

(\$79M)

(\$93M)

(\$98M)

Fund Name

American Funds New World Fu.

iShares MSCI Emeraina Market...

American Century Emerging Ma..

Vontobel Fund - mtx Sustainab... New

Robeco Capital Gr. Fds. - QI Em.,

Driehaus Mutual Funds - Emera..

TT International Funds Plc - Em.,

Columbia Emerging Markets Fu.,

St. James's Place Unit Trust - E..

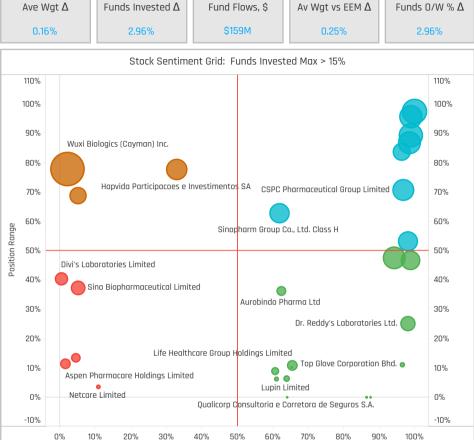
Calvert Emerging Markets Equi..

Baron Emerging Markets Fund

BlackRock Emerging Markets F..

T Rowe Price Emerging Markets...

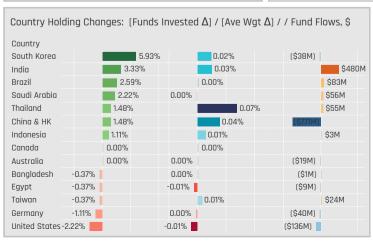
Federated Hermes Invt. Funds -..



Momentum Score









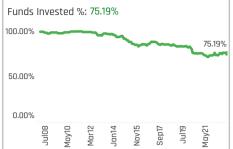


Energy





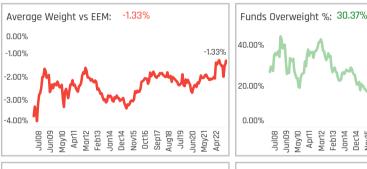




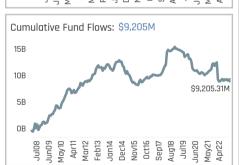


Aggregate Stock Holdings Data, Ranked by Most Widely Held.

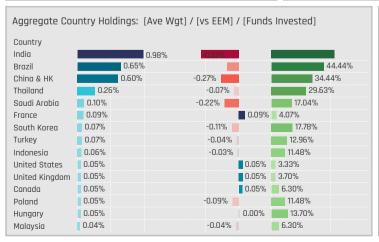








Top	Stock Holdings, %			
Fun	d Name	Ticker	Stock Name	
Del	aware VIP Trust - Emerging Markets	500325-IN	Reliance Industries Li	8.72%
Del	aware Emerging Markets Fund	500325-IN	Reliance Industries Li	8.59%
Orb	is SICAV - Emerging Markets Equity	J36-SG	Jardine Matheson Hol	6.74%
Sko	igen Kon Tiki	883-HK	CNOOC Limited	5.26%
Will	liam Blair Emerging Markets Leader	500325-IN	Reliance Industries Li	5.25%
BNY	/ Mellon Emerging Markets Securiti	PETR3-BR	Petroleo Brasileiro SA	5.18%
Ove	rstone Fund PLC - Emerging Market	PETR4-BR	Petroleo Brasileiro SA	4.88%
Var	Eck Emerging Markets Fund	500325-IN	Reliance Industries Li	4.81%
Bai	llie Gifford Overseas Growth Fund	500325-IN	Reliance Industries Li	4.81%
UBS	3 Investment Funds ICVC - Global E	500325-IN	Reliance Industries Li	4.58%
Sko	igen Kon Tiki	TTE-FR	TotalEnergies SE	4.49%
Bai	llie Gifford Overseas Growth Fund	PETR3-BR	Petroleo Brasileiro SA	4.47%
Will	liam Blair Emerging Markets Growth	500325-IN	Reliance Industries Li	4.42%
Sko	igen Kon Tiki	SHEL-GB	Shell PLC	4.24%
GQC	Partners Emerging Markets Equity	PETR3-BR	Petroleo Brasileiro SA	4.21%







Eneray





New or Cl.,

\$135M

\$106M

\$102M

\$86M

\$63M

\$59M

(\$53M)

(\$53M)

(\$70M)

(\$89M)

(\$41M)

(\$44M)

(\$49M)

Largest Fund Flows, \$

American Funds New World Fu.

iShares MSCI Emerging Market.

Fidelity Funds SICAV - Emergin...

MFS Emerging Markets Equity ..

Fidelity Inv. Trust - Emerging M..

JPMorgan Funds - Emerging M..

TT International Funds Plc - Em.,

Robeco Capital Gr. Fds. - QI Em..

GQG Partners Emerging Market..

American Century Emerging Ma..

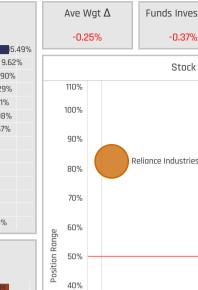
JPMorgan Emerging Markets E..

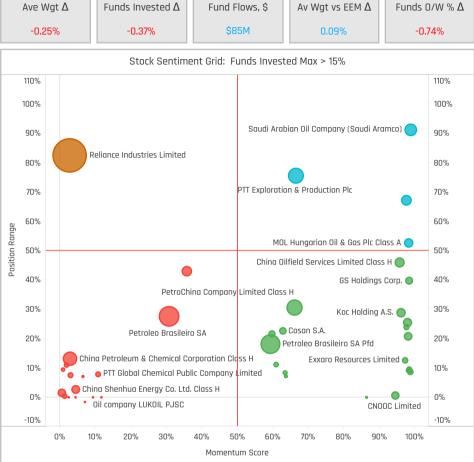
GMO Emerging Markets Fund

Invesco Developing Markets Fu.. New

St. James's Place Unit Trust - E.. New

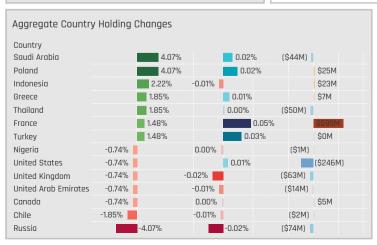
Fund Name













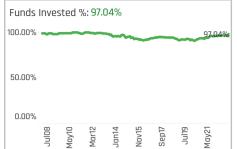


Materials









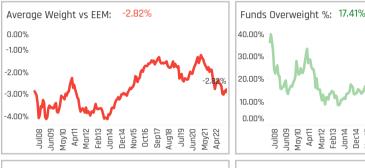


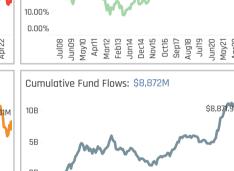


T Rowe Price Emerging Markets Stock ..

Fidelity Inv. Trust - Emerging Markets F...

JPMorgan Trust IV - Emerging Markets ... \$257M





Julo8 Juno9 May10 Apr11 Mar12 Feb13 Jun14 Dec14 Dec14 Sep17 Aug18 Jun20 May21

Top Stock Holdings, %			
Fund Name	Ticker	Stock Name	
Overstone Fund PLC - Emerging Market	TX-US	Ternium S.A. Sponsor	6.48%
Redwheel Global Emerging Equity Fund	FM-CA	First Quantum Mineral	6.03%
PGIM Jennison Emerging Markets Equi	BZ-US	Boise Inc.	5.74%
GQG Partners Emerging Markets Equity	VALE3-BR	Vale S.A.	5.59%
Pinnacle ICAV - Aikya Global Emerging	540762-IN	Tube Investments of I	5.31%
Odey Investments Plc - Brook Global E	AKE-AU	Allkem Limited	4.94%
Invesco Developing Markets Fund	GMEXICOB-MX	Grupo Mexico S.A.B. d	4.80%
Overstone Fund PLC - Emerging Market	BUENAVC1-PE	Compania de Minas B	4.71%
Overstone Fund PLC - Emerging Market	2314-HK	Lee & Man Paper Man	4.67%
Alger Funds II - Emerging Markets Fund	278280-KR	CHUNBO CO.,LTD.	4.48%
Fisher Invts. Instl. Fds. Plc - Emerging	KIO-ZA	Kumba Iron Ore Limite.	4.41%
RBC Funds (Lux) - Emerging Markets E	ANTO-GB	Antofagasta plc	4.41%
Pacific Select Fund - Emerging Markets	GMEXICOB-MX	Grupo Mexico S.A.B. d	4.34%
RBC Funds (Lux) - Emerging Markets E	ANTO-GB	Antofagasta plc	4.31%
John Hancock Emerging Markets Equit	AAL-GB	Anglo American plc	4.25%









Materials





Fund Name

iShares MSCI Emerging Market...

Invesco Developina Markets Fu.,

T Rowe Price Emerging Markets...

DWS Invest - ESG Global Emerg..

Federated Hermes Invt. Funds -..

Fidelity Inv. Trust - Emerging M.,

Principal Origin Emerging Mark..

American Century Emerging Ma.

American Funds New World Fu.,

Baron Emerging Markets Fund

GQG Partners Emerging Market..

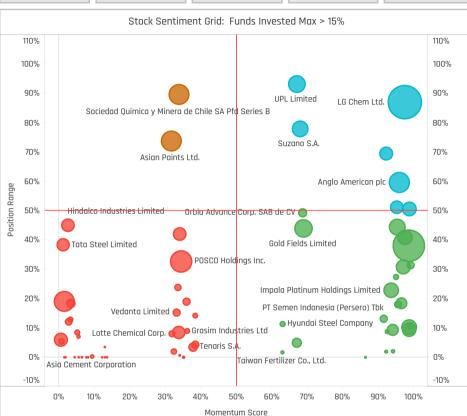
Vontobel Fund - mtx Sustainab...

Artisan Developing World Fund New



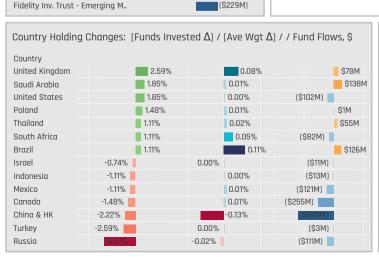












\$200M

\$186M

\$78M

\$52M

\$47M

\$47M

\$45M

(\$186M)

(\$214M)

(\$119M)

(\$125M)

(\$134M)

(\$143M)



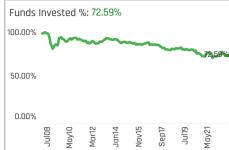


Real Estate









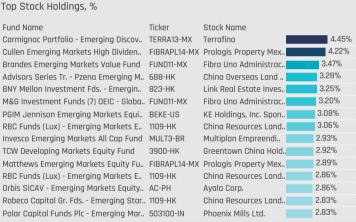




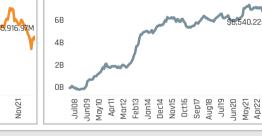
Artisan Developing World Fund











l	Aggregate Country Holdings: [Ave Wgt] / [vs EEM] / [Funds Invested]						
ı	Country						
ı	China & HK		0.77%	-0.36%			54.07%
ı	United Arab Emirates	0.29%			0.13%	29.26	%
ı	Mexico	0.17%			0.11%	15.19%	
ı	Philippines	0.15%		-0.06%		19.63%	
ı	India	0.15%			0.08%	20.74%	
ı	Vietnam	0.06%			0.06%	8.15%	
ı	Brazil	0.06%			0.06%	10.37%	
ı	Thailand	0.05%		-0.05%		12.96%	
ı	South Africa	0.02%		-0.06%		6.67%	
ı	Indonesia	0.02%			0.02%	4.44%	
ı	Singapore	0.01%			0.01%	1.85%	
ı	Chile	0.01%			0.01%	1.85%	
ı	Saudi Arabia	0.01%		-0.03%		4.81%	
ı	Netherlands	0.01%			0.01%	1.48%	
ı	United States	0.01%			0.01%	0.74%	





Real Estate







50%

Momentum Score

60%







Country Holding Changes: [Funds Invested Δ] / [Ave Wgt Δ] / / Fund Flows, \$						
Country						
United Arab Emirates		3.33%	-0.01%			\$52M
Thailand		2.22%		0.01%		\$32M
Saudi Arabia		1.48%		0.01%		\$2M
Mexico		1.11%		0.04%		\$17M
Vietnam		0.74%	-0.01%			\$2M
Philippines		0.74%	-0.01%		(\$292M)	
Brazil		0.74%		0.01%	(\$69M)	
Australia		0.00%		0.00%		
Argentina		0.00%		0.00%		\$0M
South Africa	-0.37%		0.00%			\$10M
Indonesia	-0.74%		-0.01%		(\$4M)	
Taiwan	-1.11%		0.00%		(\$2M)	
South Korea	-1.48%		0.00%		(\$1M)	
China & HK		-3.70%	-0.07%		(\$356M)	

0%

-10%

BR Malls Participacoes S.A.



Π%

-10%

100%

SOHO China Ltd.

90%



Utilities







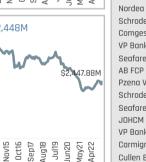


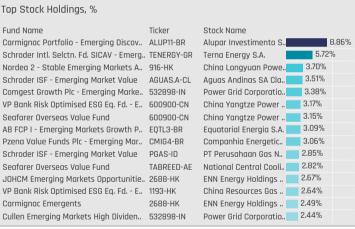






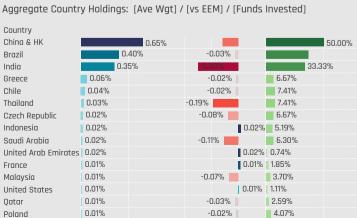
















Utilities





New or Cl.,

\$95M

\$66M

\$27M

\$25M

\$22M

\$21M

(\$30M)

(\$32M)

(\$33M)

(\$37M)

(\$21M)

(\$21M)

Fund Name

GQG Partners Emerging Market..

iShares MSCI Emerging Market..

Fidelity Inv. Trust - Emerging M..

American Funds New World Fu.,

Driehaus Mutual Funds - Emerg..

Goldman Sachs Emerging Mark...

BlackRock Global Funds - Emer..

T Rowe Price Emerging Markets..

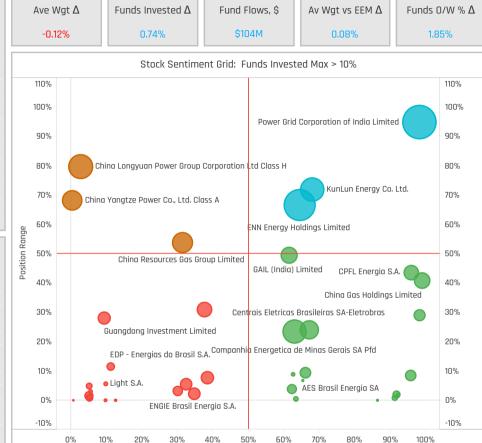
T Rowe Price Emerging Markets..

Harding Loevner Institutional E..

GMO Emerging Markets Fund

Swedbank Robur Global Emergi.. New

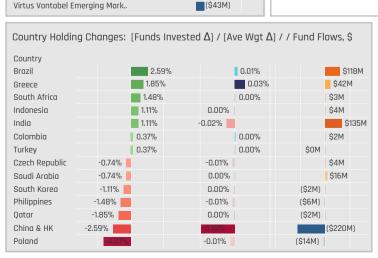
St. James's Place Unit Trust - F., New



Momentum Score















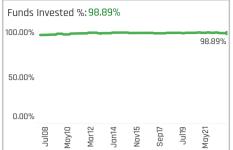
China & HK







Julo8
Juno9
Apr11
Apr11
Mar12
Feb13
Jun14
Nov15
Oct16
Sep17
Aug18
Jun20
May21





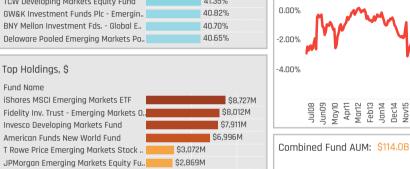
Ticker

2138-HK

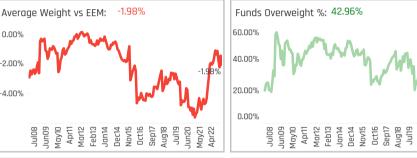
9988-HK

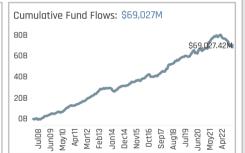
9901-HK

Aggregate Stock Holdings Data, Ranked by Most Widely Held.

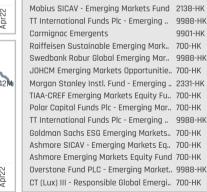


150B





17.45%



Top Stock Holdings, %

Fund Name





Aggregate Sector Holdings: [Ave Wgt] / [vs EEM] / [Funds Invested]					
Sector					
Consumer Discretionary	9.23%		0.52%	97.78%	
Financials	4.91%	-0.28%		90.37%	
Communication Services	4.46%	-1.44%		84.44%	
Industrials	3.71%		0.28%	90.74%	
Consumer Staples	2.46%		0.49%	82.22%	
Health Care	1.92%		0.00%	80.00%	
Information Technology	1.62%	-0.57%		79.26%	
Materials	0.96%	-0.26%		58.15%	
Real Estate	0.77%	-0.36%		54.07%	
Utilities	0.65%	-0.12%		50.00%	
Energy	0.60%	-0.27%		34.44%	
Multi	0.02%		0.02%	1.11%	



Brandes Emerging Markets Value Fund Consumer Discretionary



China & HK





iShares MSCI Emerging Market...

St. James's Place Unit Trust - E.,

DWS Invest - ESG Global Emera..

Driehaus Mutual Funds - Emerg..

Advisors Series Tr. - Pzena Eme.,

TIAA-CREF Emerging Markets E.,

St. James's Place Unit Trust - G.,

Fidelity Inv. Trust - Emerging M.,

JPMorgan Emerging Markets E..

American Funds New World Fu..

Nordea 1 - Emerging Stars Equi..

Baron Emerging Markets Fund

GQG Partners Emerging Market..

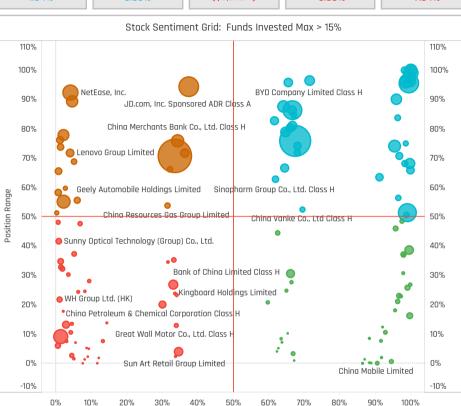
Invesco Developing Markets Fu.,







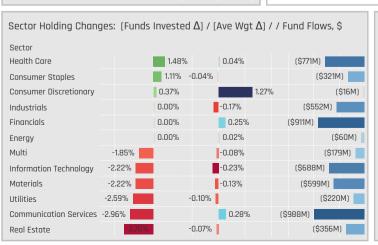




Momentum Score







\$858M

\$740M

\$211M

\$134M

\$96M

\$74M

\$70M

(\$1,433M)

(\$257M)

(\$419M)

(\$420M)

(\$525M)

(\$528M)

(\$725M)





South Korea

Funds Overweight %: 38.52%

40.00%



Vs Fund AUM









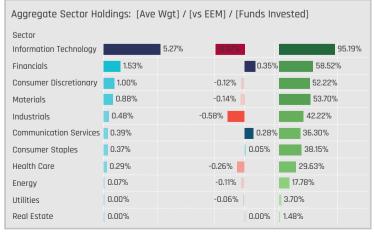




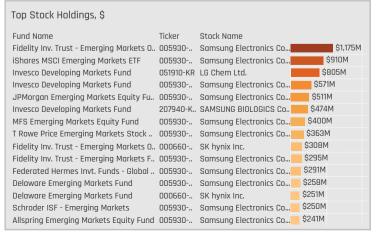




Top Stock Holdings, %			
Fund Name	Ticker	Stock Name	
Nordea Emerging Market Equities	005935-KR	Samsung Electronics	8.33%
Carmignac Emergents	005930-KR	Samsung Electronics	8.30%
Baillie Gifford Overseas Growth Fund	005930-KR	Samsung Electronics	7.76%
Overstone Fund PLC - Emerging Market	005930-KR	Samsung Electronics	7.44%
Nordea 1 - Emerging Stars Equity Fund	005930-KR	Samsung Electronics	7.30%
Aberdeen Std. SICAV I - EM Sustainabl	005935-KR	Samsung Electronics	7.11%
Baring Emerging Markets Umbrella Fd	005930-KR	Samsung Electronics	7.06%
Artisan Sustainable Emerging Markets	005930-KR	Samsung Electronics	7.06%
Mobius SICAV - Emerging Markets Fund	214150-KR	CLASSYS Inc.	6.95%
M&G Investment Funds (7) OEIC - Globa	005930-KR	Samsung Electronics	6.75%
JPMorgan Funds - Emerging Markets O	005930-KR	Samsung Electronics	6.74%
Robeco Capital Gr. Fds Sustainable E	005930-KR	Samsung Electronics	6.70%
Orbis SICAV - Emerging Markets Equity	039490-KR	Kiwoom Securities Co	6.48%
Calvert Emerging Markets Equity Fund	005930-KR	Samsung Electronics	6.45%
Fisher Invts. Instl. Fds. Plc - Emerging	005930-KR	Samsung Electronics	6.45%







South Korea





Largest Fund Flows, \$

St. James's Place Unit Trust - E.. New

iShares MSCI Emeraina Market...

T Rowe Price Emerging Markets...

Driehaus Mutual Funds - Emerg..

DWS Invest - ESG Global Emerg..

MFS Emerging Markets Equity ..

Advisors Series Tr. - Pzena Eme..

Baron Emerging Markets Fund

Virtus Vontobel Emerging Mark..

Fidelity Funds SICAV - Emergin..

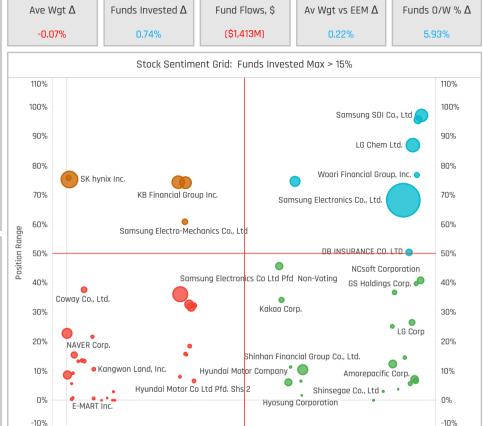
American Century Emerging Ma..

Fidelity Inv. Trust - Emerging M..

Nordea 1 - Emerging Stars Equi..

Invesco Developing Markets Fu.,

Fund Name



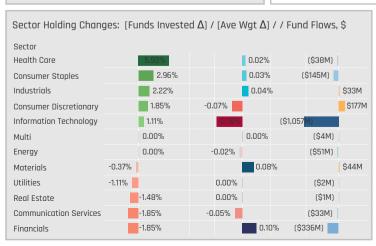
50%

Momentum Score

60%







\$270M

\$212M

\$115M

\$85M

\$47M

\$45M

\$42M

(\$649M)

(\$71M)

(\$71M)

(\$77M)

(\$91M)

(\$92M)

(\$175M)



100%



Taiwan

40.00%

20.00%

0.00%









28.52%

Funds Overweight %: 28.52%



Aggregate Stock Holdings Data, Ranked by Most Widely Held.



Fidelity Funds SICAV - Emerging Marke..

Allspring Emerging Markets Equity Fund



Jul13

60B

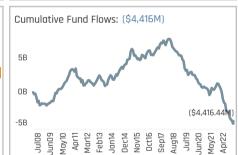
40B

20B

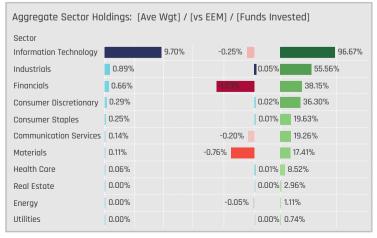
OB

Anrin





Top Stock Holdings, %			
Fund Name	Ticker	Stock Name	
Templeton Developing Markets Trust	2330-TW	Taiwan Semiconducto	11.39%
Delaware VIP Trust - Emerging Markets	2330-TW	Taiwan Semiconducto	11.25%
JPMCB Emerging Markets Equity Focus	2330-TW	Taiwan Semiconducto	11.04%
Delaware Emerging Markets Fund	2330-TW	Taiwan Semiconducto	10.63%
Ashmore Emerging Markets Active Equi	2330-TW	Taiwan Semiconducto	9.99%
Baillie Gifford Overseas Growth Fund	2330-TW	Taiwan Semiconducto	9.86%
Putnam Emerging Markets Equity Fund	2330-TW	Taiwan Semiconducto	9.73%
Nordea Emerging Market Equities	2330-TW	Taiwan Semiconducto	9.72%
Raiffeisen Sustainable Emerging Mark	2330-TW	Taiwan Semiconducto	9.67%
JPMorgan Emerging Markets Equity Fu	2330-TW	Taiwan Semiconducto	9.67%
Fisher Invts. Instl. Fds. Plc - Emerging	2330-TW	Taiwan Semiconducto	9.65%
Artisan Sustainable Emerging Markets	2330-TW	Taiwan Semiconducto	9.64%
Baillie Gifford Overseas Growth Funds I	2330-TW	Taiwan Semiconducto	9.55%
BNP Paribas Funds - Emerging Equity	2330-TW	Taiwan Semiconducto	9.41%
TT International Funds Plc - Emerging	2330-TW	Taiwan Semiconducto	9.32%



\$533M





Taiwan





Fund Name

GQG Partners Emerging Market..

iShares MSCI Emeraina Market...

T Rowe Price Emerging Markets..

TIAA-CREF Emerging Markets E.,

Advisors Series Tr. - Pzena Eme..

DWS Invest - ESG Global Emera..

T Rowe Price Emerging Markets..

Harding Loevner Institutional E..

Virtus Vontobel Emerging Mark..

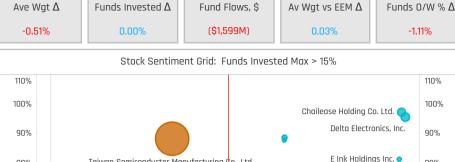
Principal Origin Emerging Mark..

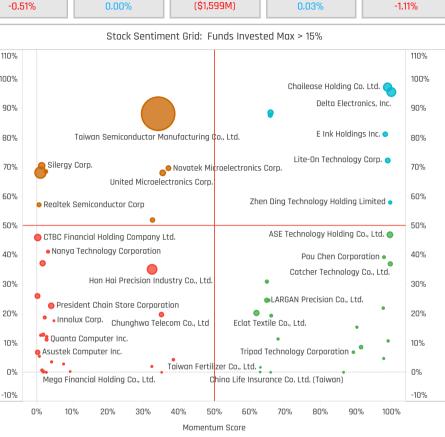
Invesco Developing Markets Fu..

Nordea 1 - Emerging Stars Equi..

St. James's Place Unit Trust - E..

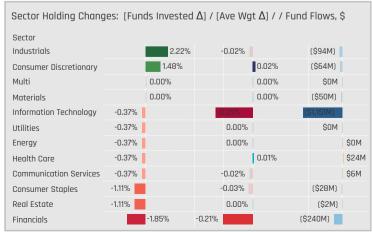
GMO Emerging Markets Fund











\$287M

\$284M

\$60M

\$58M

\$49M

\$47M

\$46M

(\$169M)

(\$188M)

(\$191M)

(\$227M)

(\$87M)

(\$126M)

(\$141M)





India

60.00%

40.00%











Aggregate Stock Holdings Data, Ranked by Most Widely Held.

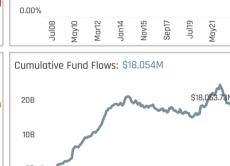




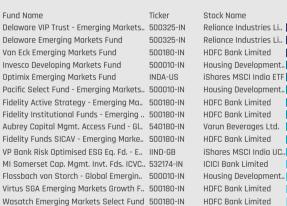
1ar15

Mar20

60B



Julo8 Juno9 Vay10 Apr11 Mar12 Feb13 Jan14 Dec14 Nov15 Sep17 Aug18 Jun20 May21



Stock Name	
Reliance Industries Li	8.72%
Reliance Industries Li	8.59%
HDFC Bank Limited	8.51%
Housing Development	7.72%
iShares MSCI India ETF	7.70%
Housing Development	7.44%
HDFC Bank Limited	7.36%
HDFC Bank Limited	7.35%
Varun Beverages Ltd.	7.22%
HDFC Bank Limited	7.21%
iShares MSCI India UC	6.97%
ICICI Bank Limited	6.67%
Housing Development	6.63%
HDFC Bank Limited	6.47%
HDFC Bank Limited	6.18%



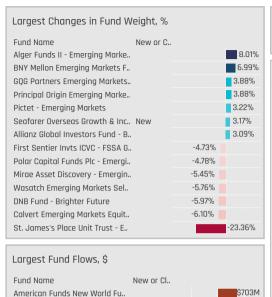
0.05%





India





GOG Partners Emerging Market...

iShares MSCI Emerging Market..

Principal Origin Emerging Mark..

DWS Invest - ESG Global Emera.

TIAA-CREF Emerging Markets E.

Virtus Vontobel Emerging Mark..

Calvert Emerging Markets Equi..

JPMorgan Emerging Markets E.,

Nordea 1 - Emerging Stars Equi..

Baron Emerging Markets Fund

St. James's Place Unit Trust - E.,

Invesco Developing Markets Fu.,

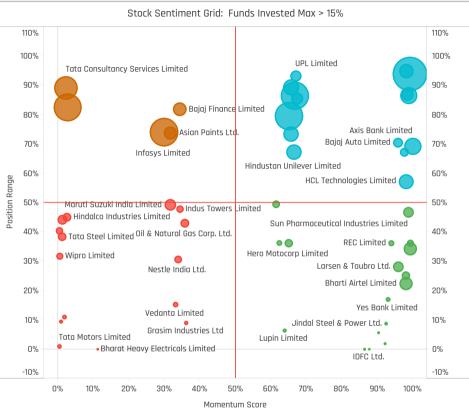
Seafarer Overseas Growth & In., New





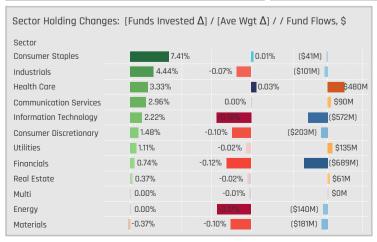












\$642M

\$295M

\$84M

\$68M

\$65M

\$52M

(\$613M)

(\$820M)

(\$181M)

(\$191M)

(\$196M)

(\$234M)

(\$276M)



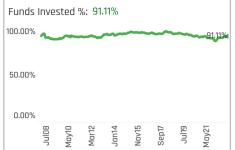


South Africa





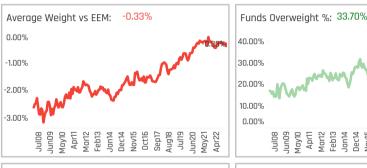






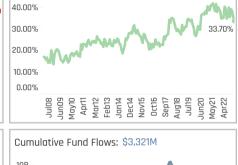
Aggregate Stock Holdings Data, Ranked by Most Widely Held.

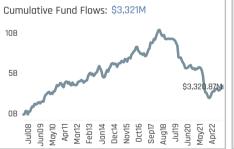




Combined Fund AUM: \$10.5B

20B





7.15%

6.56%

6.54%

6.44%

5.52%

5,48%

5.35%

5.16%

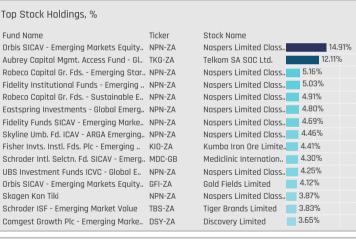
5.09%

5.03%

4,96%

4.91%

4.80%





Aggregate Sector Holdings: [Ave Wgt] / [vs EEM] / [Funds Invested]					
Sector					
Financials	1.00%	-0.12%		64.07%	
Communication Services	0.76%	-0.17%		44.07%	
Materials	0.64%		-0.23%	47.41%	
Consumer Staples	0.33%		0.18%	35.93%	
Consumer Discretionary	0.32%		0.00%	37.04%	
Industrials	0.08%		0.06%	12.59%	
Health Care	0.08%		0.03%	12.96%	
Energy	0.02%	-0.03%		5.19%	
Real Estate	0.02%	-0.06%		6.67%	
Information Technology	0.00%		0.00%	1.11%	
Utilities	0.00%		0.00%	1.85%	

Top Sector Holdings, % Fund Name Serto Orbis SICAV - Emerging Markets Equity.. Communication Services Aubrey Capital Mamt. Access Fund - Gl.. Communication Services Pictet Global Selection Fund - Global Gr., Financials Comgest Growth Plc - Emerging Marke.. Financials ODIN Emerging Markets Consumer Discretionary Maaellan Financials Evli Gem Fund Materials Schroder Intl. Selctn. Fd. SICAV - Emerg.. Consumer Staples White Fleet - OLZ Equity Emerging Mar.. Materials Robeco Capital Gr. Fds. - Emerging Star.. Communication Services UBS Investment Funds ICVC - Global E.. Communication Services Fidelity Institutional Funds - Emerging .. Communication Services Pictet Global Selection Fund - Global Gr.. Materials Robeco Capital Gr. Fds. - Sustainable E.. Communication Services Eastspring Investments - Global Emerg.. Communication Services

1ar20





South Africa





Fund Name

American Funds New World Fu.

JPMoraan Emeraina Markets E.,

iShares MSCI Emerging Market...

MFS Emerging Markets Equity ..

DWS Invest - ESG Global Emerg..

T Rowe Price Emerging Markets...

T Rowe Price Emerging Markets..

Harding Loevner Institutional E..

abrdn Emerging Markets Fund

Coronation Global Opportunitie...

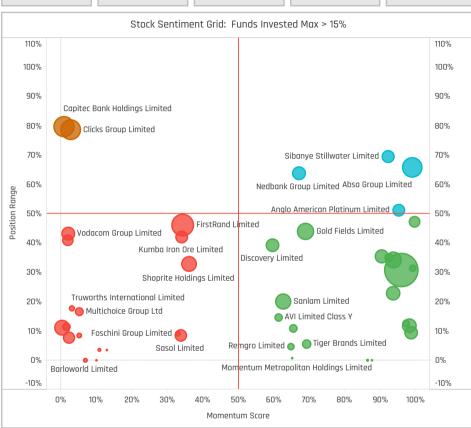
Calvert Emerging Markets Equi..

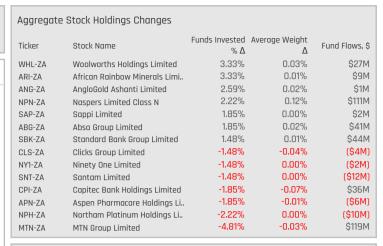
GQG Partners Emerging Market..

Federated Hermes Invt. Funds -..

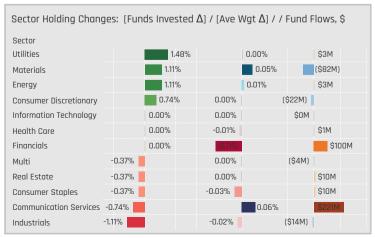
Vontobel Fund - mtx Sustainah











\$71M

\$67M

\$60M

\$56M

\$38M

\$36M

(\$30M)

(\$42M)

(\$54M)

(\$57M)

(\$73M)

(\$28M)

(\$29M)





Brazil











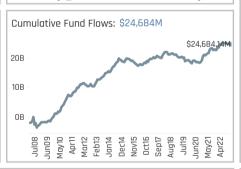
Aggregate Stock Holdings Data, Ranked by Most Widely Held.



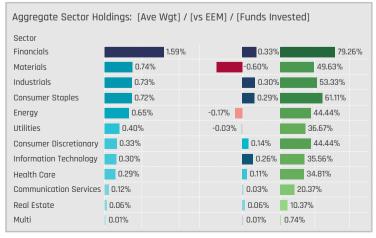
Candriam Sustainable - Equity Emergi...







Top Stock Holdings, %			
Fund Name	Ticker	Stock Name	
Carmignac Portfolio - Emerging Discov	ALUP11-BR	Alupar Investimento S	8.86%
Overstone Fund PLC - Emerging Market	EMBR3-BR	Embraer S.A.	7.73%
Mobius SICAV - Emerging Markets Fund	TOTS3-BR	TOTVS S.A.	6.11%
Comgest Growth Plc - Emerging Marke	BBSE3-BR	BB Seguridade Partici	5.66%
GQG Partners Emerging Markets Equity	VALE3-BR	Vale S.A.	5.59%
Virtus SGA Emerging Markets Growth F	XP-US	XP Inc. Class A	5.42%
BNY Mellon Emerging Markets Securiti	PETR3-BR	Petroleo Brasileiro SA	5.18%
Magellan	BBSE3-BR	BB Seguridade Partici	5.07%
Comgest Growth Plc - Emerging Marke	BBSE3-BR	BB Seguridade Partici	4.97%
Overstone Fund PLC - Emerging Market	PETR4-BR	Petroleo Brasileiro SA	4.88%
Baillie Gifford Overseas Growth Fund	PETR3-BR	Petroleo Brasileiro SA	4.47%
Alger Funds II - Emerging Markets Fund	ARZZ3-BR	Arezzo Industria e Co	4.42%
Edmond de Rothschild Fund - Strategic	ITUB4-BR	Itau Unibanco Holding	4.34%
Vontobel Fund - mtx Sustainable Emer	BBSE3-BR	BB Seguridade Partici	4.23%
Skagen Kon Tiki	ASAI3-BR	Sendas Distribuidora	4.22%







Brazil







50%

Momentum Score

60%

100%







Sector Holding Changes	: [Funds Invested	d Δ] / [Ave \	Wgt Δ] / /	Fund Flows	, \$
Sector					
Industrials	5.19%		0.08%	(\$69M)	
Consumer Staples	4.44%	-0.05%		(\$119M)	
Information Technology	3.33%		0.02%		\$58M
Utilities	2.59%		0.01%		\$118M
Health Care	2.59%		0.00%		\$83M
Communication Services	2.22%	0.00%			\$25M
Consumer Discretionary	1.85%	-0.04%		(\$89M)	(
Materials	1.11%		0.11%		\$126M
Financials	0.74%	-0.09%			(\$454M)
Real Estate	0.74%		0.01%	(\$69M)	
Energy	0.74%	-0.19%			\$73M
Multi	-0.37%	0.00%		(\$4M)	





Mexico









Funds Overweight %: 71.11%

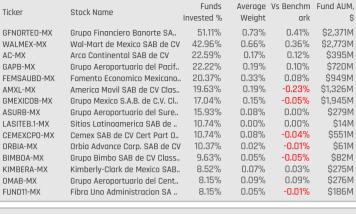
60.00%

40.00%

20.00%

0.00%

Mar20



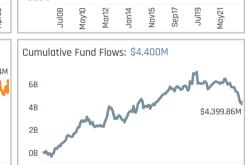
Aggregate Stock Holdings Data, Ranked by Most Widely Held.

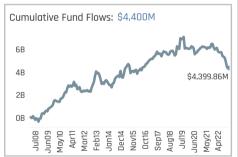


MFS Emerging Markets Equity Fund

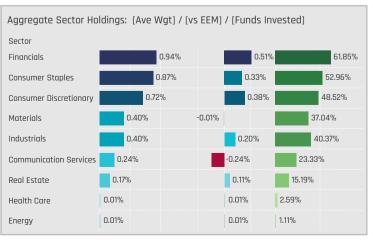
Fidelity Funds SICAV - Emerging Marke.. \$181M







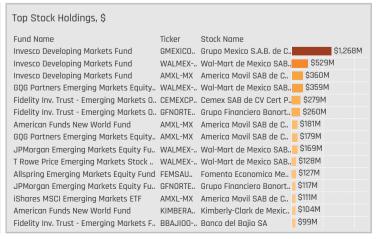
Fund Name	Ticker	Stock Name	
Overstone Fund PLC - Emerging Market	TX-US	Ternium S.A. Sponsor	6.489
Virtus SGA Emerging Markets Growth F	WALMEX-MX	Wal-Mart de Mexico S	6.22%
Pinnacle ICAV - Aikya Global Emerging	P4182E120	Fomento Economico	6.18%
First Sentier Invts ICVC - FSSA Global E	ALSEA-MX	Alsea, S.A.B. de C.V.	5.80%
First Sentier Investors ICVC - Stewart I	FEMSAUBD	Fomento Economico	5.72%
UBAM - Positive Impact Emerging Equit	GENTERA-MX	Gentera SAB de CV	5.67%
First State Investments ICVC - Global E	FEMSAUBD	Fomento Economico	5.36%
Comgest Growth Plc - Emerging Marke	FEMSAUBD	Fomento Economico	5.32%
Comgest Growth Plc - Emerging Marke	FEMSAUBD	Fomento Economico	5.31%
Carmignac Emergents	GFNORTEO-MX	Grupo Financiero Ban	5.30%
Magellan	FEMSAUBD	Fomento Economico	5.27%
Invesco Developing Markets Fund	GMEXICOB-MX	Grupo Mexico S.A.B. d	4.80%
RBC Funds (Lux) - Emerging Markets E	FEMSAUBD	Fomento Economico	4.55%
Carmignac Portfolio - Emerging Discov	TERRA13-MX	Terrafina	4.45%
BNY Mellon Investment Fds Emergin	WALMEX-MX	Wal-Mart de Mexico S	4.41%



OB

10r10





Mexico





Fund Name

GQG Partners Emerging Market..

American Funds New World Fu.,

Fidelity Inv. Trust - Emerging M..

TIAA-CREF Emerging Markets E.,

Fidelity Funds SICAV - Emergin..

Fidelity Institutional Funds - E.,

Fidelity Inv. Trust - Emerging M..

Goldman Sachs Emerging Mark...

BlackRock Emerging Markets F..

Baron Emerging Markets Fund

Calvert Emerging Markets Equi..

Federated Hermes Invt. Funds -...

Harding Loevner Institutional E.,



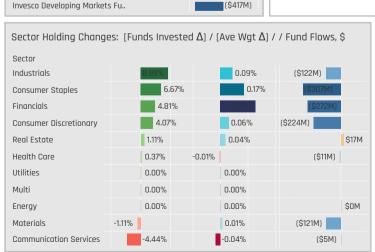
50%

Momentum Score

60%







\$171M

\$49M

\$45M

\$38M

\$35M

\$33M

\$31M

-10%

20%

30%

(\$55M)

(\$64M)

(\$78M)

(\$84M)

(\$113M)

(\$135M)



-10%

100%



Top Holdings, \$

Fidelity Inv. Trust - Emerging Markets O.,

GQG Partners Emerging Markets Equity..

JPMorgan Emerging Markets Equity Fu..

Vontobel Fund - mtx Sustainable Emer...

Fidelity Inv. Trust - Emerging Markets F..

GS Funds - Emerging Markets Equity P...

Virtus Vontobel Emerging Markets Opp..

Federated Hermes Invt. Funds - Global .

Goldman Sachs Emerging Markets Equi..

Allspring Emerging Markets Equity Fund

American Funds New World Fund

Invesco Developing Markets Fund

Baron Emerging Markets Fund

abrdn Emerging Markets Fund

iShares MSCI Emerging Markets ETF

Fund Name

Indonesia



\$221M

\$202M

\$201M

\$189M

\$176M

\$174M

\$169M

\$167M

\$150M

\$144M

\$120M





Average Weight vs EEM:

1.00%

0.00%

\$514M

\$478M

\$385M

\$336M

\$262M

\$174M

\$144M

\$138M

\$134M

\$131M

\$124M

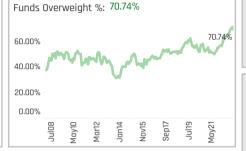
\$122M

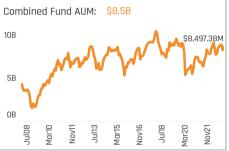
\$118M

\$116M



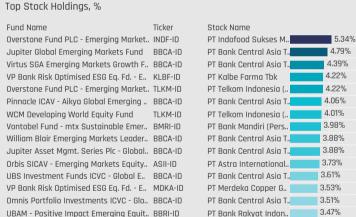


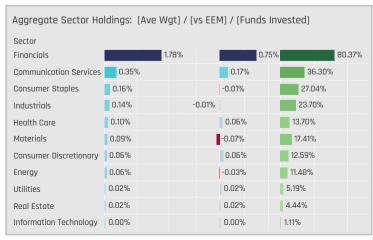




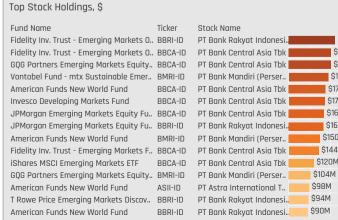










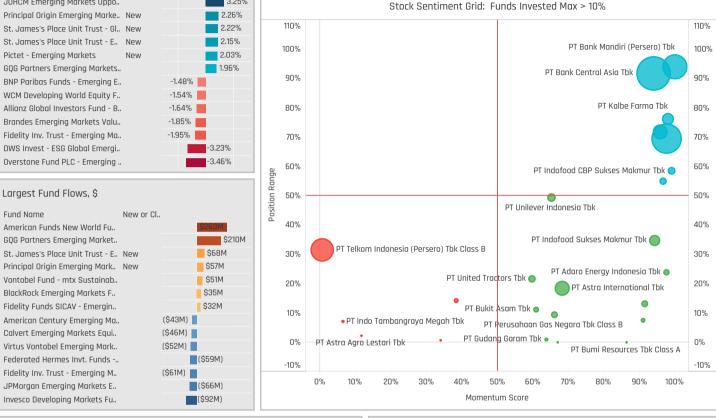


Indonesia



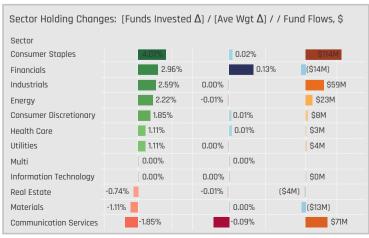




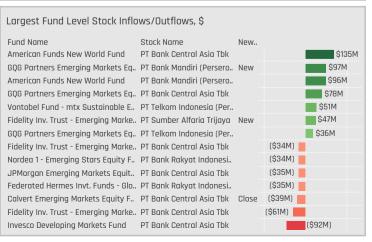












Saudi Arabia







-1.00%

-2.00%

-3.00%



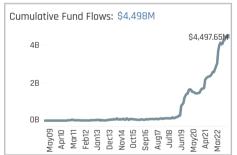






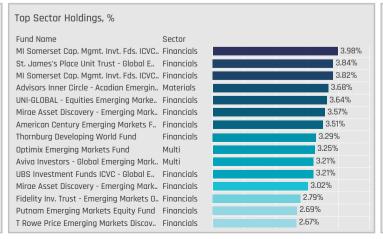


Jan16



Top Stock Holdings, %			
Fund Name	Ticker	Stock Name	
MI Somerset Cap. Mgmt. Invt. Fds. ICVC	1120-SA	Al Rajhi Bank	3.98%
St. James's Place Unit Trust - Global E	1120-SA	Al Rajhi Bank	3.84%
MI Somerset Cap. Mgmt. Invt. Fds. ICVC	1120-SA	Al Rajhi Bank	3.82%
Optimix Emerging Markets Fund	IKSA-GB	iShares MSCI Saudi Ar	3.25%
Aviva Investors - Global Emerging Mark	IKSA-GB	iShares MSCI Saudi Ar	3.21%
Putnam Emerging Markets Equity Fund	1150-SA	Alinma Bank	2.69%
Ashmore Emerging Markets Active Equi	2222-SA	Saudi Arabian Oil Com	2.44%
Amana Developing World Fund	7010-SA	Saudi Telecom Co.	2.37%
Advisors Inner Circle - Acadian Emergin	2010-SA	Saudi Basic Industries	2.11%
American Century Emerging Markets F	1120-SA	Al Rajhi Bank	2.08%
Thornburg Developing World Fund	1180-SA	Saudi National Bank	2.03%
Janus Henderson Emerging Markets F	7010-SA	Saudi Telecom Co.	2.03%
Redwheel Next Generation Emerging M	2350-SA	Saudi Kayan Petroche	2.02%
Fidelity Inv. Trust - Emerging Markets F	1120-SA	Al Rajhi Bank	2.00%
AB FCP I - Emerging Markets Growth P	1120-SA	Al Rajhi Bank	1.87%

Aggregate Sector Holdings: [Ave Wgt] / [vs EEM] / [Funds Invested] Sector Financials 37.78% 0.16% 18.15% Materials -0.73% Communication Services 0.11% -0.20% 18,15% Energy 0.10% -0.22% Health Care 0.05% -0.11% 11.48% Consumer Discretionary 0.04% 0.01% 8.89% 0.03% 0.03% 1.11% Multi Industrials 0.03% 0.01% 6.67% 0.02% -0.06% 7.78% Consumer Staples Information Technology 0.02% -0.03% 5.56% Utilities 0.02% 6,30% -0.11% Real Estate -0.03%

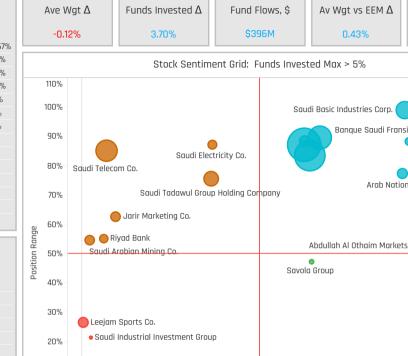




Saudi Arahia













Funds 0/W % Δ

-0.74%

110%

100%

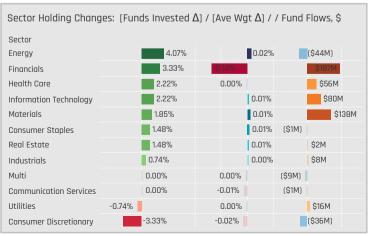
90%

80%

70%

FU%

Arab National Bank



10%

0%

-10%







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