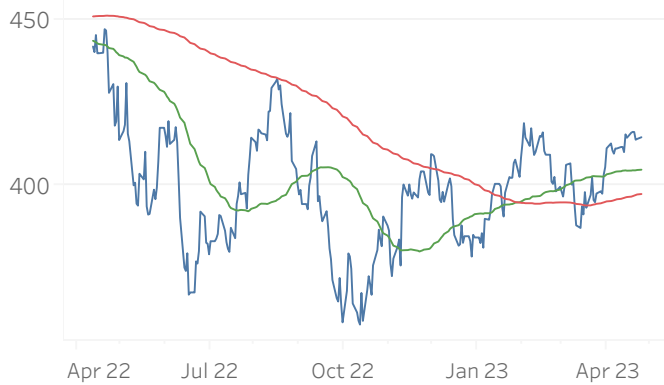


Large Cap Blend (S&P 500) IVV



Mid Cap Blend (S&P 400) IJH

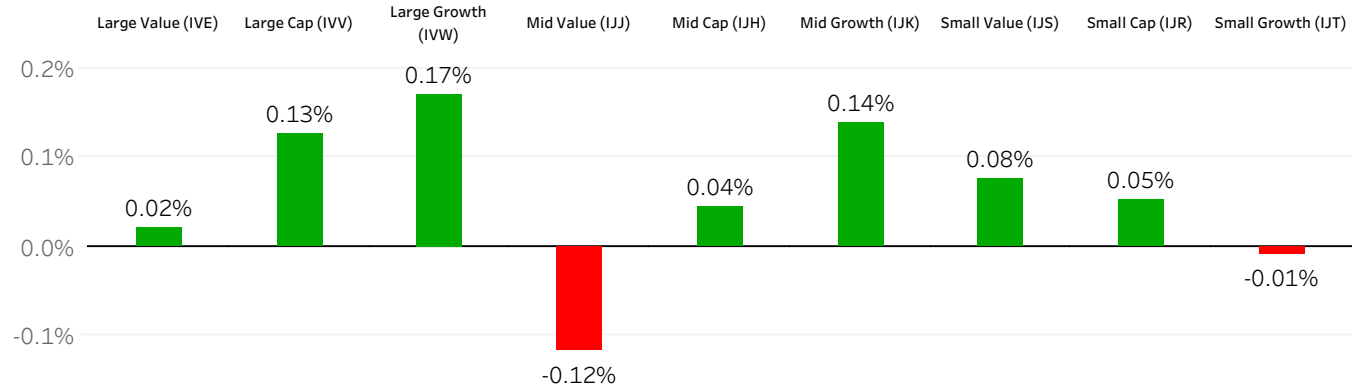


Small Cap Blend (S&P 600) IJR



■ Closing Price ■ 50 Day Moving Average ■ 200 Day Moving Average

U.S. Size & Style 1-Day Performance



Size & Style 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
QVAL	Alpha Architect US Quantitative Value ETF	1.59%
COWZ	Pacer US Cash Cows 100 ETF	0.79%
RPG	Invesco S&P 500 Pure Growth ETF	0.75%
MFUS	PIMCO RAFI Dynamic Multi-Factor U.S. Equity ETF	0.73%
CALF	Pacer US Small Cap Cash Cows 100 ETF	0.69%
SPMO	Invesco S&P 500 Momentum ETF	0.68%
MTUM	iShares MSCI USA Momentum Factor ETF	0.65%
FDL	First Trust Morningstar Dividend Leaders Index Fund	0.59%
HDV	iShares Core High Dividend ETF	0.56%
TPHD	Timothy Plan High Dividend Stock ETF	0.56%

Size & Style Most Overbought

Ticker	Fund	Price
SPC	CrossingBridge Pre-Merger SPAC ETF	70.35
OMFL	Invesco Russell 1000 Dynamic Multifactor ETF	67.28
HUSV	First Trust Horizon Managed Volatility Domestic ETF	66.74
CGDV	Capital Group Dividend Value ETF	66.55
VIG	Vanguard Dividend Appreciation ETF	65.45
FDLO	Fidelity Low Volatility Factor ETF	64.92
XRLV	Invesco S&P 500 ex-Rate Sensitive Low Volatility ETF	64.65
SPHQ	Invesco S&P 500 Quality ETF	64.41
SPLV	Invesco S&P 500 Low Volatility ETF	64.36
QLV	FlexShares US Quality Low Volatility Index Fund	64.28

Size & Style 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
IPO	Renaissance IPO ETF	-1.36%
BUZZ	VanEck Social Sentiment ETF	-0.75%
AIEQ	AI Powered Equity ETF	-0.61%
JSML	Janus Henderson Small Cap Growth Alpha ETF	-0.57%
FFTY	Innovator IBD 50 ETF	-0.54%
SIXS	ETC 6 Meridian Small Cap Equity ETF	-0.51%
LCG	Sterling Capital Focus Equity ETF	-0.47%
SMIG	AAM Bahl & Gaynor Small/Mid Cap Income Growth ETF	-0.47%
FPX	First Trust US Equity Opportunities ETF	-0.45%
CSD	Invesco S&P Spin-Off ETF	-0.41%

Size & Style Most Oversold

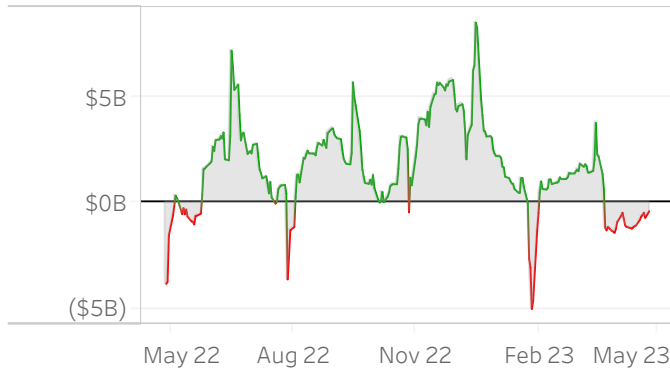
Ticker	Fund	Price
FDM	First Trust Dow Jones Select MicroCap Index Fund	39.50
XSLV	Invesco S&P SmallCap Low Volatility ETF	39.52
AIEQ	AI Powered Equity ETF	39.82
SVAL	iShares US Small Cap Value Factor ETF	40.72
SMLV	SPDR SSGA US Small Cap Low Volatility Index ETF	41.37
RDIV	Invesco S&P Ultra Dividend Revenue ETF	43.80
XMVM	Invesco S&P MidCap Value with Momentum ETF	43.86
SMDV	ProShares Russell 2000 Dividend Growers ETF	44.04
BUZZ	VanEck Social Sentiment ETF	44.18
CSML	IQ Chaikin U.S. Small Cap ETF	44.18

*ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify

Large-Cap 30-Day Rolling Flows



Mid-Cap 30-Day Rolling Flows



Small-Cap 30-Day Rolling Flows



U.S. Size & Style Landscape Flows

	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Large Cap, Beta, Beta	25	\$1,283B	(\$1.19B)	(\$0.12B)	(\$7.63B)	\$59.97B
Large Cap, Beta, Beta: Growth	10	\$245B	\$0.33B	\$2.63B	\$9.18B	\$22.53B
Large Cap, Beta, Beta: Value	11	\$220B	(\$0.19B)	(\$2.99B)	(\$3.74B)	\$3.50B
Mid Cap, Beta, Beta	10	\$184B	\$0.21B	\$1.21B	\$5.09B	\$11.06B
Mid Cap, Beta, Beta: Growth	6	\$33B	(\$0.04B)	\$0.11B	(\$0.32B)	\$0.99B
Mid Cap, Beta, Beta: Value	6	\$39B	\$0.00B	(\$0.33B)	(\$0.29B)	\$0.82B
Small Cap, Beta, Beta	13	\$188B	\$0.43B	(\$0.03B)	\$2.02B	\$1.81B
Small Cap, Beta, Beta: Growth	7	\$32B	\$0.05B	(\$0.14B)	\$0.41B	\$1.46B
Small Cap, Beta, Beta: Value	7	\$48B	(\$0.10B)	(\$0.53B)	\$0.60B	(\$0.47B)

U.S. Size & Style Flow Leaders

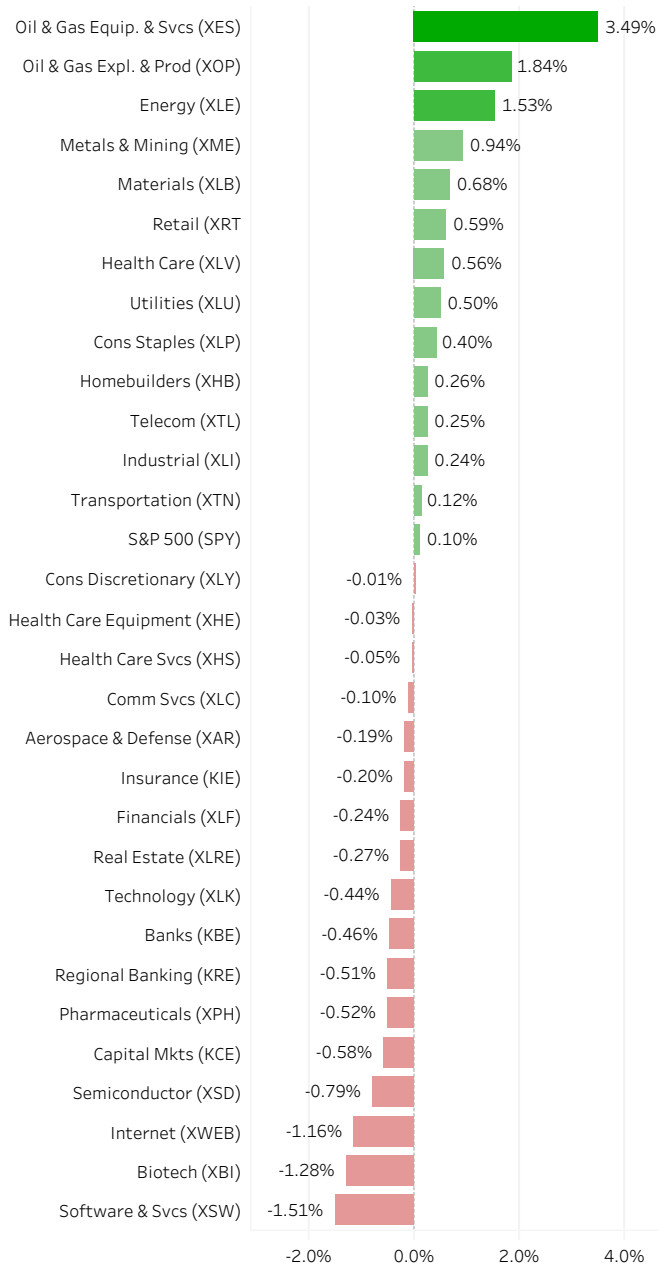
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
VOO	Vanguard S&P 500 ETF	\$0.71B	\$6.42B	\$7.96B	\$33.08B	\$289.84B
IVV	iShares Core S&P 500 ETF	\$0.54B	(\$1.96B)	(\$3.72B)	\$16.18B	\$309.03B
IJR	iShares Core S&P Small Cap ETF	\$0.37B	\$0.47B	\$1.79B	\$2.75B	\$65.75B
SPSM	SPDR Portfolio S&P 600 Small Cap ETF	\$0.36B	\$0.61B	\$1.03B	\$1.24B	\$5.30B
XLG	Invesco S&P 500 Top 50 ETF	\$0.25B	\$0.15B	\$0.05B	\$0.05B	\$2.15B
DFAC	Dimensional U.S. Core Equity 2 ETF	\$0.23B	\$1.28B	\$2.53B	\$4.24B	\$18.64B
VTI	Vanguard Total Stock Market ETF	\$0.21B	\$2.27B	\$7.92B	\$20.16B	\$283.79B
USMC	Principal U.S. Mega-Cap ETF	\$0.15B	\$0.16B	\$0.15B	(\$0.20B)	\$1.33B
QUAL	iShares MSCI USA Quality Factor ETF	\$0.13B	\$8.49B	\$8.18B	\$6.19B	\$28.11B
IJH	iShares Core S&P Mid-Cap ETF	\$0.11B	\$0.94B	\$3.05B	\$5.57B	\$66.53B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
QQQ	Invesco QQQ Trust	(\$2.26B)	\$0.78B	(\$4.13B)	(\$1.53B)	\$168.16B
ESGU	iShares ESG Aware MSCI USA ETF	(\$0.39B)	(\$6.36B)	(\$7.52B)	(\$8.76B)	\$13.56B
SCHX	Schwab U.S. Large-Cap ETF	(\$0.27B)	(\$0.50B)	(\$0.33B)	(\$0.08B)	\$31.04B
JVAL	JPMorgan U.S. Value Factor ETF	(\$0.21B)	(\$0.07B)	\$0.14B	\$0.09B	\$0.60B
IWD	iShares Russell 1000 Value ETF	(\$0.12B)	(\$2.21B)	(\$3.71B)	(\$2.81B)	\$50.39B
MTUM	iShares MSCI USA Momentum Factor ETF	(\$0.12B)	(\$2.04B)	(\$1.75B)	(\$0.48B)	\$9.85B
VLUE	iShares MSCI USA Value Factor ETF	(\$0.12B)	(\$0.49B)	(\$1.01B)	(\$4.45B)	\$6.83B
IWF	iShares Russell 1000 Growth ETF	(\$0.11B)	(\$1.49B)	(\$1.72B)	\$1.27B	\$62.87B
VIOO	Vanguard S&P Small-Cap 600 ETF	(\$0.11B)	(\$0.03B)	\$0.05B	\$0.34B	\$2.11B
VTV	Vanguard Value ETF	(\$0.09B)	\$2.23B	(\$1.07B)	\$4.35B	\$102.22B

* ETF Landscape represented using the ETF Action classification system ** Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify *** Flows delayed one day

S&P Sector & Industry 1 Day Performance



Select Sector SPDRs Technicals

Ticker	Fund Name	% From 52W High	% From 52W Low	% Abv/Below 50 SMA	% Abv/Below 200 SMA	RSI (14D)
XLP	Consumer Staples Select Sector SPDR Fund	-0.54%	15.61%	4.39%	4.80%	73.10
XLI	Industrial Select Sector SPDR Fund	-2.72%	21.74%	0.78%	4.18%	56.57
XLK	Technology Select Sector SPDR Fund	-2.94%	26.21%	2.47%	8.97%	51.20
XLV	Health Care Select Sector SPDR Fund	-3.60%	12.64%	4.01%	3.06%	65.05
SPY	SPDR S&P 500 ETF Trust	-3.97%	15.73%	2.52%	4.33%	60.32
XLC	Communication Services Select Sector SPDR Fund	-5.43%	26.91%	2.90%	8.67%	51.65
XLB	Materials Select Sector SPDR Fund	-7.80%	20.69%	1.44%	3.89%	56.07
XLE	Energy Select Sector SPDR Fund	-8.29%	27.84%	2.84%	2.98%	56.34
XLF	Financial Select Sector SPDR Fund	-10.43%	9.41%	-0.85%	-2.29%	55.59
XLU	Utilities Select Sector SPDR Fund	-10.43%	13.74%	4.00%	0.38%	62.88
XLY	Consumer Discretionary Select Sector SPDR Fund	-14.81%	16.70%	1.51%	0.57%	55.03
XLRE	Real Estate Select Sector SPDR Fund	-18.93%	9.80%	-0.83%	-4.47%	49.60

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
PXJ	Invesco Dynamic Oil & Gas Services ETF	3.88%
XES	SPDR S&P Oil & Gas Equipment & Services ETF	3.49%
PSCE	Invesco S&P SmallCap Energy ETF	3.27%
IEZ	iShares U.S. Oil Equipment & Services ETF	2.67%
PXI	Invesco DWA Energy Momentum ETF	1.90%
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	1.84%
PXE	Invesco Dynamic Energy Exploration & Production ..	1.76%
FCG	First Trust Natural Gas ETF	1.61%
VDE	Vanguard Energy ETF	1.59%
FTXN	First Trust Nasdaq Oil & Gas ETF	1.58%

Sector & Industry Most Overbought

Ticker	Fund	Technical Value
ITB	iShares U.S. Home Construction ETF	73.92
VDC	Vanguard Consumer Staples ETF	73.21
XLP	Consumer Staples Select Sector SPDR Fund	73.10
FSTA	FIDELITY COVINGTON TRUST MSCI CONSUMER STAPLES..	72.13
IHI	iShares U.S. Medical Devices ETF	71.58
PSL	Invesco DWA Consumer Staples Momentum ETF	69.33
IYK	iShares U.S. Consumer Staples ETF	69.06
PTH	Invesco DWA Healthcare Momentum ETF	68.84
PKB	Invesco Dynamic Building & Construction ETF	68.22
RHS	Invesco S&P 500 Equal Weight Consumer Staples ETF	67.89

Sector & Industry 1 Day Performance Laggards

Ticker	Fund	1 Day Performance
XSW	SPDR S&P Software & Services ETF	-1.51%
XBI	SPDR S&P BIOTECH ETF	-1.28%
PTF	Invesco DWA Technology Momentum ETF	-1.23%
PSJ	Invesco Dynamic Software ETF	-1.23%
PBE	Invesco Dynamic Biotechnology & Genome ETF	-1.08%
FBT	First Trust NYSE Arca Biotechnology Index Fund	-0.87%
IAI	iShares U.S. Broker-Dealers & Securities Exchanges ETF	-0.82%
XSD	SPDR S&P Semiconductor ETF	-0.79%
XNTK	SPDR NYSE Technology ETF	-0.76%
NETL	NETLease Corporate Real Estate ETF	-0.73%

Sector & Industry Most Oversold

Ticker	Fund	Technical Value
IGN	iShares North American Tech-Multimedia Networking ETF	34.06
XTL	SPDR S&P Telecom ETF	34.25
IYZ	iShares U.S. Telecommunications ETF	35.19
KBWY	Invesco KBW Premium Yield Equity REIT ETF	35.48
QABA	First Trust NASDAQ ABA Community Bank Index Fund	36.23
PSCT	Invesco S&P SmallCap Information Technology ETF	37.81
XSD	SPDR S&P Semiconductor ETF	38.93
KBWR	Invesco KBW Regional Banking ETF	39.24
IAT	iShares U.S. Regional Banks ETF	39.44
KRE	SPDR S&P Regional Banking ETF	39.92

* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify

U.S. Sector & Industry 1-Week Flows



U.S. Sector Landscape

	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Communication Services	7	\$15B	\$91M	\$1,204M	\$1,332M	\$1,033M
Consumer Discretionary	12	\$23B	(\$204M)	\$931M	\$369M	(\$1,900M)
Consumer Staples	10	\$32B	\$254M	\$756M	\$2,637M	\$4,494M
Energy	32	\$72B	(\$886M)	(\$5,024M)	(\$5,935M)	(\$9,141M)
Financials	26	\$57B	\$725M	\$2,891M	\$1,929M	(\$7,048M)
Health Care	23	\$93B	(\$8M)	(\$2,812M)	(\$1,329M)	\$2,121M
Industrial	13	\$32B	\$219M	\$581M	\$2,004M	(\$1,229M)
Materials	9	\$14B	\$4M	(\$31M)	\$496M	(\$3,282M)
Multi-Sector	19	\$14B	(\$30M)	\$278M	(\$104M)	(\$1,953M)
Real Estate	25	\$55B	(\$277M)	(\$2,913M)	(\$2,632M)	(\$6,633M)
Technology	23	\$130B	(\$47M)	\$703M	(\$342M)	(\$285M)
Utilities	9	\$26B	(\$42M)	(\$117M)	(\$255M)	\$2,421M

U.S. Sector & Industry Flow Leaders

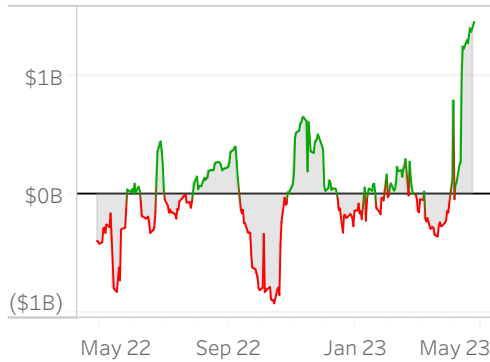
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLF	Financial Select Sector SPDR Fund	\$701M	\$2,210M	\$2,496M	(\$2,834M)	\$32,374M
XLV	Health Care Select Sector SPDR Fund	\$221M	(\$1,057M)	\$20M	\$2,529M	\$40,139M
XLP	Consumer Staples Select Sector SPDR Fund	\$174M	\$680M	\$1,869M	\$2,230M	\$18,491M
XLI	Industrial Select Sector SPDR Fund	\$152M	(\$392M)	\$154M	(\$1,406M)	\$13,575M
RHS	Invesco S&P 500 Equal Weight Consumer Stapl..	\$93M	\$294M	\$384M	\$489M	\$1,063M
KRE	SPDR S&P Regional Banking ETF	\$69M	\$1,269M	\$307M	(\$340M)	\$2,875M
KIE	SPDR S&P Insurance ETF	\$65M	(\$35M)	\$46M	\$77M	\$498M
ITA	iShares U.S. Aerospace & Defense ETF	\$64M	\$742M	\$1,558M	\$1,725M	\$5,953M
IHI	iShares U.S. Medical Devices ETF	\$59M	(\$159M)	(\$566M)	(\$1,065M)	\$6,346M
XLC	Communication Services Select Sector SPDR Fu..	\$56M	\$1,149M	\$1,240M	\$1,211M	\$10,865M

U.S. Sector & Industry Flow Laggards

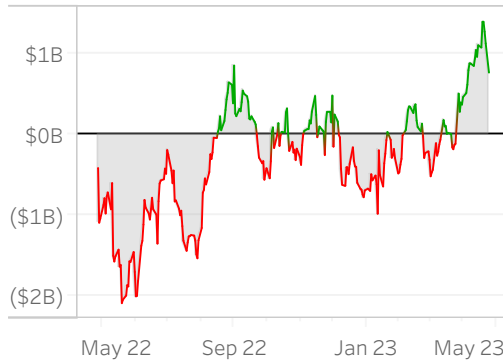
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLE	Energy Select Sector SPDR Fund	(\$604M)	(\$1,094M)	(\$1,550M)	(\$1,840M)	\$38,775M
XOP	SPDR S&P Oil & Gas Exploration & Production E..	(\$199M)	(\$515M)	(\$981M)	(\$1,872M)	\$3,356M
IYR	iShares U.S. Real Estate ETF	(\$196M)	(\$845M)	(\$547M)	(\$1,401M)	\$2,757M
IBB	iShares Biotechnology ETF	(\$113M)	(\$688M)	(\$78M)	(\$381M)	\$8,183M
XBI	SPDR S&P BIOTECH ETF	(\$108M)	(\$653M)	(\$714M)	\$10M	\$6,513M
XRT	SPDR S&P Retail ETF	(\$100M)	\$33M	(\$39M)	(\$385M)	\$330M
XLV	Consumer Discretionary Select Sector SPDR Fu..	(\$65M)	\$97M	(\$223M)	(\$866M)	\$14,510M
VFH	Vanguard Financials ETF	(\$60M)	(\$465M)	(\$592M)	(\$1,990M)	\$7,876M
VGT	Vanguard Information Technology ETF	(\$57M)	(\$532M)	(\$335M)	(\$1,058M)	\$45,506M
IHF	iShares U.S. Healthcare Providers ETF	(\$51M)	(\$239M)	(\$359M)	(\$122M)	\$1,142M

* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

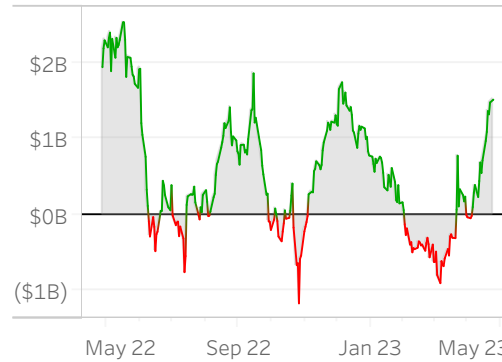
Communication Services



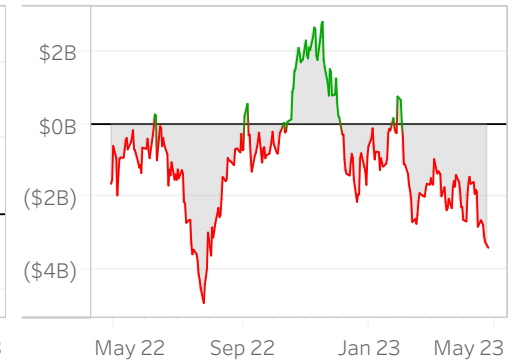
Consumer Discretionary



Consumer Staples



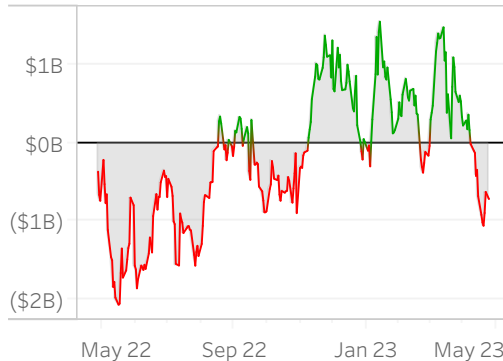
Energy



Financials



Industrial



Health Care



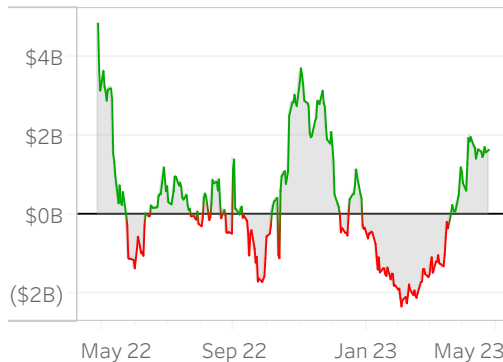
Materials



Real Estate



Technology



Utilities

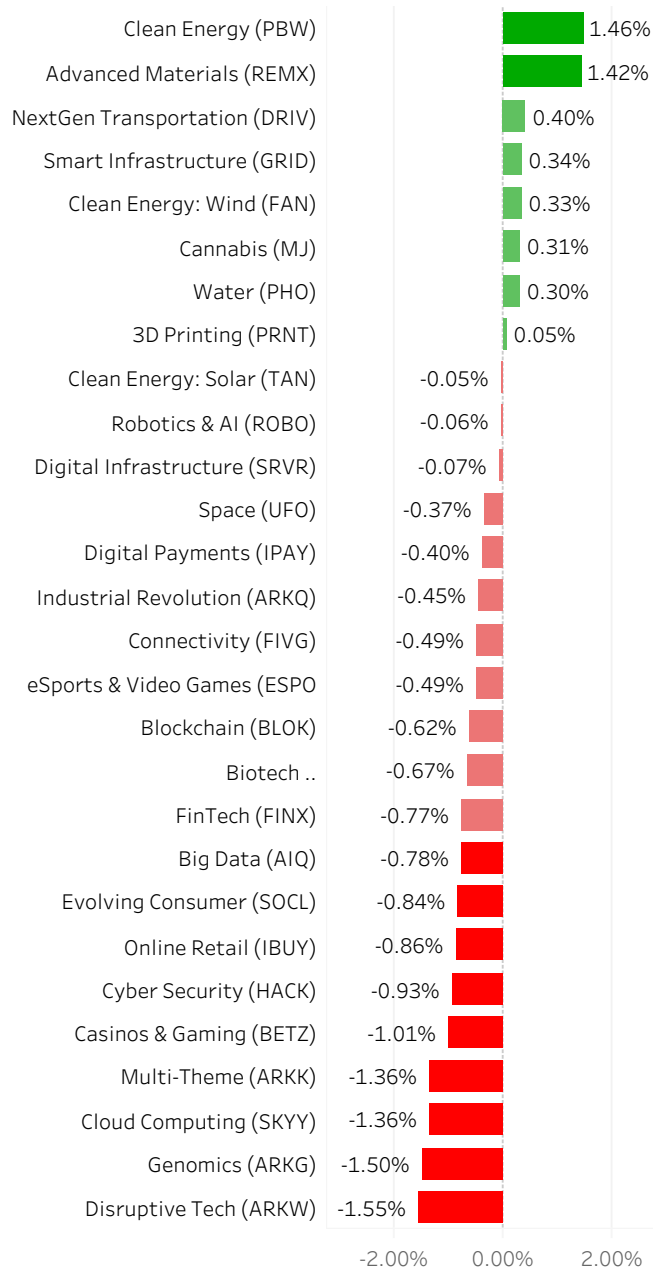


Multi-Sector

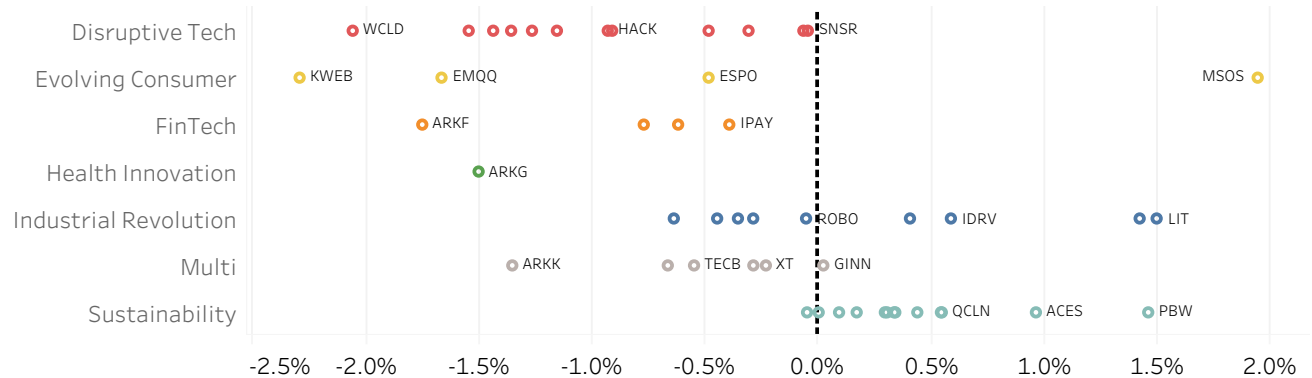


*ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
MSOS	AdvisorShares Pure US Cannabis ETF	1.94%
LIT	Global X Lithium & Battery Tech ETF	1.49%
PBW	Invesco WilderHill Clean Energy ETF	1.46%
REMX	VanEck Rare Earth/Strategic Metals ETF	1.42%
ACES	ALPS Clean Energy ETF	0.96%
PAWZ	ProShares Pet Care ETF	0.90%
PBD	Invesco Global Clean Energy ETF	0.64%
IDRV	iShares Self-driving EV & Tech ETF	0.58%
RNRG	Global X Renewable Energy Producers ETF	0.57%
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	0.54%

Thematic Most Overbought

Ticker	Fund	Price
AGNG	Global X Aging Population ETF	72.99
GDOC	Goldman Sachs Future Health Care Equity ETF	68.60
BJK	VanEck Gaming ETF	67.61
PAWZ	ProShares Pet Care ETF	67.10
KLDW	Knowledge Leaders Developed World ETF	64.58
SBIO	ALPS Medical Breakthroughs ETF	63.79
PIO	Invesco Global Water ETF	62.51
BETZ	Roundhill Sports Betting & iGaming ETF	60.28
CGW	Invesco S&P Global Water Index ETF	60.10
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure ..	59.62

Global Thematic 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
KWEB	KraneShares CSI China Internet ETF	-2.30%
XITK	SPDR FactSet Innovative Technology ETF	-2.10%
WCLD	WisdomTree Cloud Computing Fund	-2.06%
BITQ	Bitwise Crypto Industry Innovators ETF	-1.94%
BKCH	Global X Blockchain ETF	-1.90%
ARKF	ARK Fintech Innovation ETF	-1.75%
EMQQ	EMQQ The Emerging Markets Internet & Ecommerce E..	-1.67%
ARKW	ARK Next Generation Internet ETF	-1.55%
ARKG	ARK Genomic Revolution ETF	-1.50%
BUG	Global X Cybersecurity ETF	-1.44%

Thematic Most Oversold

Ticker	Fund	Price
MJ	ETFMG Alternative Harvest ETF	30.74
MJUS	ETFMG U.S. Alternative Harvest ETF	33.99
FIVG	Defiance Next Gen Connectivity ETF	34.34
KWEB	KraneShares CSI China Internet ETF	35.80
SOCL	Global X Social Media ETF	37.22
EMQQ	EMQQ The Emerging Markets Internet & Ecommerce ETF	37.64
KGRN	KraneShares MSCI China Clean Technology Index ETF	38.11
MSOS	AdvisorShares Pure US Cannabis ETF	38.20
KARS	KraneShares Electric Vehicles & Future Mobility Index ETF	40.10
IRBO	iShares Robotics and Artificial Intelligence Multisector E..	40.33

* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify

Thematic 1 Week Flow Leaders

Ticker	Fund	Flow
ARKG	ARK Genomic Revolution ETF	\$25M
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure Index	\$10M
IRBO	iShares Robotics and Artificial Intelligence Multisector ETF	\$6M
PBW	Invesco WilderHill Clean Energy ETF	\$5M
ROBT	First Trust Nasdaq Artificial Intelligence & Robotics ETF	\$4M
FIW	First Trust Water ETF	\$4M
AIQ	Global X Artificial Intelligence & Technology ETF	\$4M
ACES	ALPS Clean Energy ETF	\$3M
QTUM	Defiance Quantum ETF	\$2M
FDIG	Fidelity Crypto Industry and Digital Payments ETF	\$2M

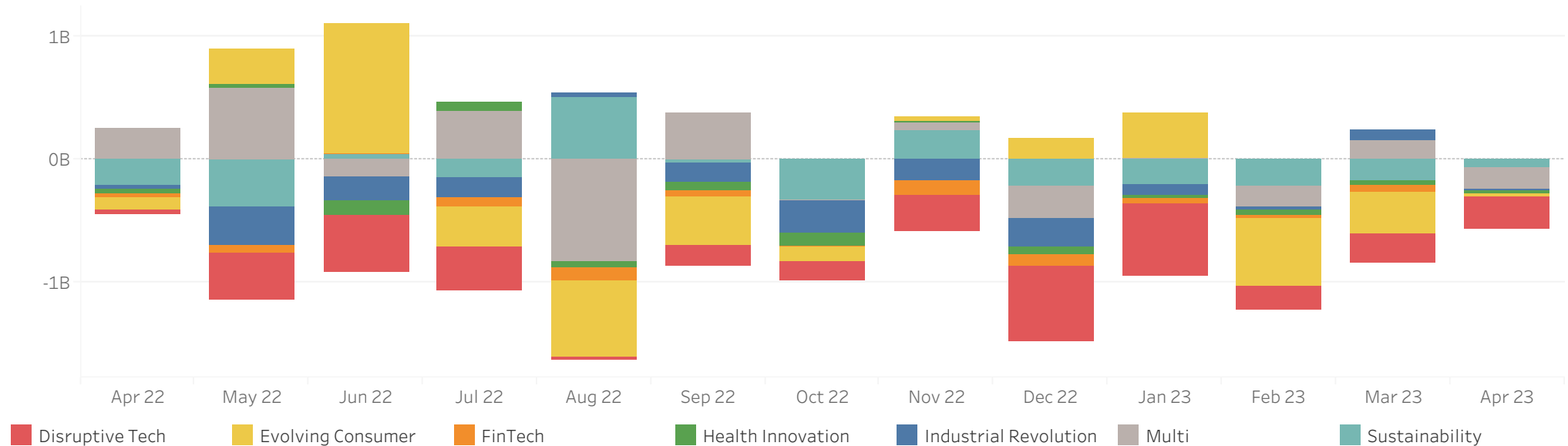
Thematic 1 Week Flow Laggards

Ticker	Fund	Flow
ARKK	ARK Innovation ETF	(\$201M)
CIBR	First Trust NASDAQ Cybersecurity ETF	(\$39M)
BOTZ	Global X Robotics & Artificial Intelligence ETF	(\$20M)
LIT	Global X Lithium & Battery Tech ETF	(\$15M)
BUG	Global X Cybersecurity ETF	(\$13M)
GNOM	Global X Genomics & Biotechnology ETF	(\$12M)
SKYY	First Trust Cloud Computing ETF	(\$10M)
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	(\$8M)
TAN	Invesco Solar ETF	(\$6M)
SMOG	VanEck Low Carbon Energy ETF	(\$6M)

Thematic Landscape Assets & Flows

Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	34	\$15B	(\$67M)	(\$803M)	(\$2,205M)	(\$3,740M)
Evolving Consumer	44	\$9B	\$0M	(\$765M)	(\$321M)	(\$569M)
FinTech	18	\$3B	(\$4M)	(\$100M)	(\$345M)	(\$665M)
Health Innovation	18	\$3B	(\$8M)	(\$102M)	(\$195M)	(\$462M)
Industrial Revolution	31	\$11B	(\$31M)	\$59M	(\$517M)	(\$1,557M)
Multi	41	\$14B	(\$226M)	(\$213M)	(\$168M)	\$275M
Sustainability	40	\$17B	\$2M	(\$486M)	(\$680M)	(\$1,169M)
Grand Total	226	\$71B	(\$334M)	(\$2,409M)	(\$4,432M)	(\$7,888M)

Thematic Monthly Flows

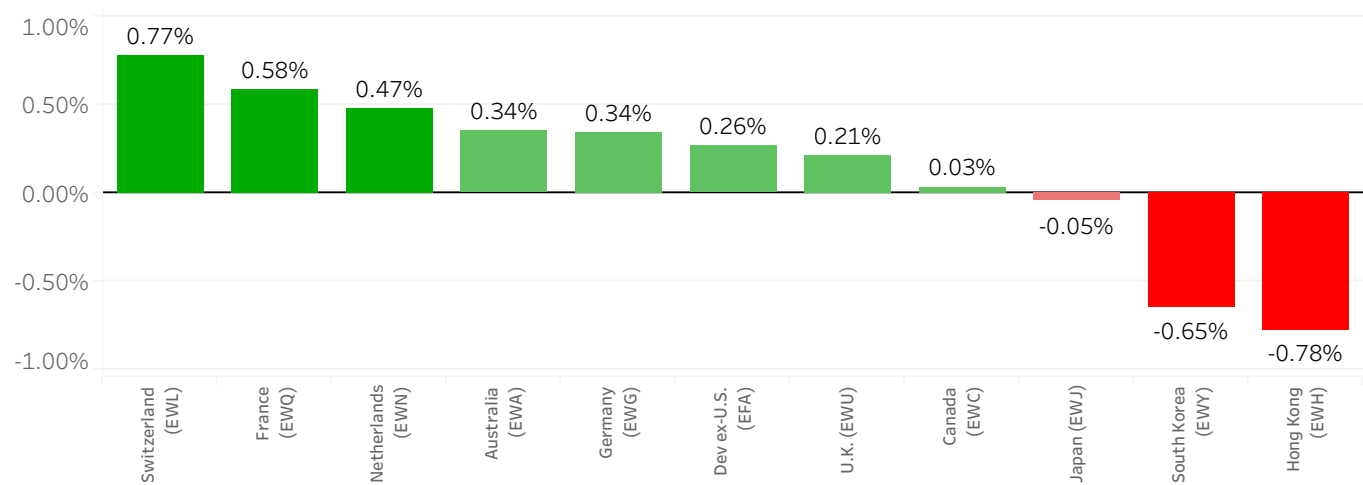


* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

Developed ex-U.S. (EFA)



Developed ex-U.S. 1-Day Performance Top 10 Countries



Developed ex-U.S. 30-Day Rolling Flows



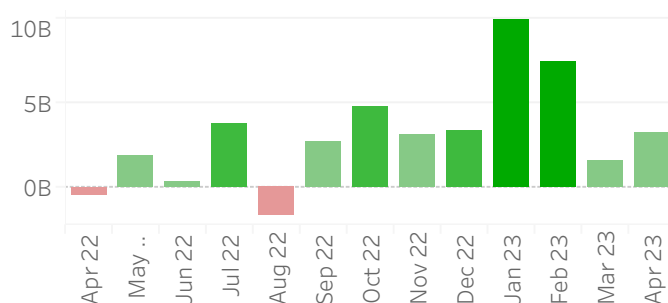
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
EIS	iShares MSCI Israel ETF	1.93%
ENZL	iShares MSCI New Zealand ETF	1.37%
EWD	iShares MSCI Sweden ETF	0.93%
AIVI	WisdomTree International AI Enhanced Value Fund	0.84%
FLSW	Franklin FTSE Switzerland ETF	0.80%
FSZ	First Trust Switzerland AlphaDEX Fund	0.77%
EWL	iShares MSCI Switzerland ETF	0.77%
NORW	Global X MSCI Norway ETF	0.74%
EWI	iShares MSCI Italy ETF	0.69%
EWP	iShares MSCI Spain ETF	0.69%

Developed ex-U.S. Most Overbought

Ticker	Fund	Value
EWL	iShares MSCI Switzerland ETF	81.32
FLSW	Franklin FTSE Switzerland ETF	81.32
EFAV	iShares MSCI EAFE Min Vol Factor ETF	76.71
EUDG	WisdomTree Europe Quality Dividend Growth Fund	76.66
IMFL	Invesco International Developed Dynamic Multifactor ETF	75.53
QLVD	FlexShares Developed Markets ex-US Quality Low Volatility	74.71
EWQ	iShares MSCI France ETF	73.11
FSZ	First Trust Switzerland AlphaDEX Fund	73.05
IQDG	WisdomTree International Quality Dividend Growth Fund	72.66
BBEU	JPMorgan BetaBuilders Europe ETF	72.01

Developed ex-U.S. Monthly Flows



Developed ex-U.S. 1-Day Performance Laggards

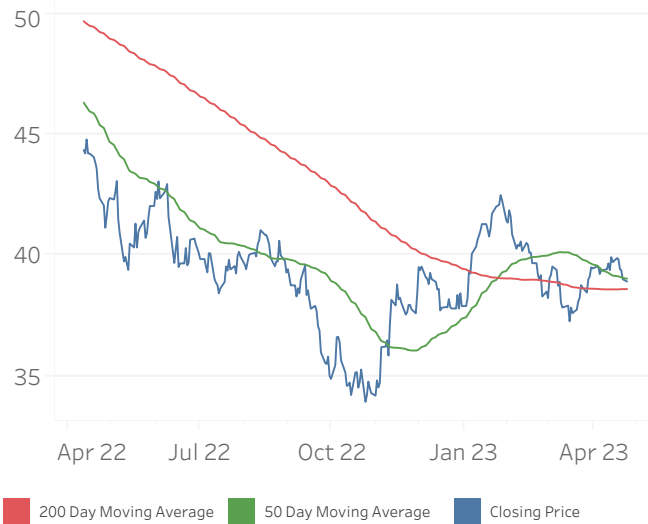
Ticker	Fund	1-Day Performance
MINV	Matthews Asia Innovators Active ETF	-1.16%
GREK	Global X MSCI Greece ETF	-1.09%
AIA	iShares Asia 50 ETF	-0.86%
FLKR	Franklin FTSE South Korea ETF	-0.79%
EWY	iShares MSCI South Korea ETF	-0.78%
EWJ	iShares MSCI Japan ETF	-0.65%
AAXJ	iShares MSCI All Country Asia ex Japan ETF	-0.51%
BBCA	JPMorgan BetaBuilders Canada ETF	-0.23%
HEDJ	WisdomTree Europe Hedged Equity Fund	-0.22%
IVAL	Alpha Architect International Quantitative Value ETF	-0.17%

Developed ex-U.S. Most Oversold

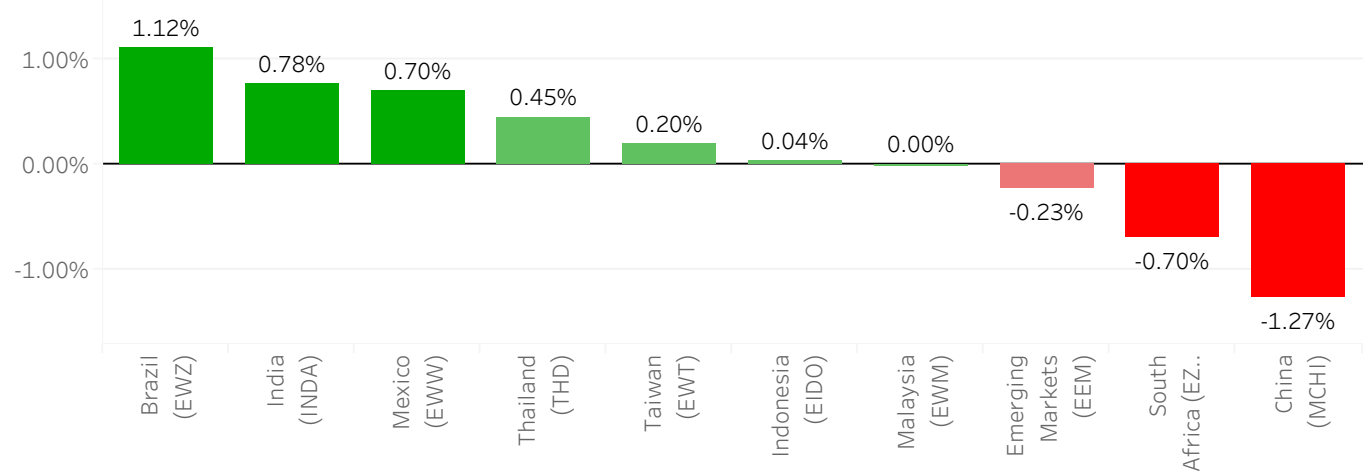
Ticker	Fund	Value
MINV	Matthews Asia Innovators Active ETF	37.10
AIA	iShares Asia 50 ETF	38.25
AAXJ	iShares MSCI All Country Asia ex Japan ETF	41.85
EWY	iShares MSCI South Korea ETF	42.60
ISRA	VanEck Israel ETF	46.82
EIS	iShares MSCI Israel ETF	48.09
FLKR	Franklin FTSE South Korea ETF	49.15
EWY	iShares MSCI South Korea ETF	49.24
NORW	Global X MSCI Norway ETF	50.98
BBAX	JPMorgan BetaBuilders Developed Asia Pacific-ex Ja..	51.92

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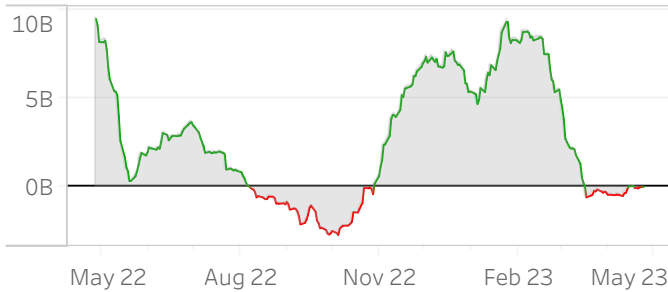
Emerging (EEM)



Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



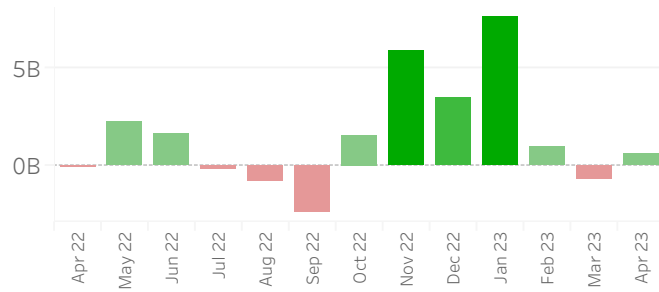
Emerging 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
EPHE	iShares MSCI Philippines ETF	2.47%
EWZS	iShares MSCI Brazil Small-Cap ETF	1.81%
NFTY	First Trust India NIFTY 50 Equal Weight ETF	1.30%
SMIN	iShares MSCI India Small Cap ETF	1.13%
EWZ	iShares MSCI Brazil ETF	1.12%
EPOL	iShares MSCI Poland ETF	0.99%
FLBR	Franklin FTSE Brazil ETF	0.95%
FLLA	Franklin FTSE Latin America ETF	0.92%
EPI	WisdomTree India Earnings Fund	0.91%
ILF	iShares Latin America 40 ETF	0.83%

Emerging Most Overbought

Ticker	Fund	Value
EPOL	iShares MSCI Poland ETF	74.45
KSA	iShares MSCI Saudi Arabia ETF	67.07
NFTY	First Trust India NIFTY 50 Equal Weight ETF	63.88
SMIN	iShares MSCI India Small Cap ETF	63.86
INDY	iShares India 50 ETF	61.98
EPI	WisdomTree India Earnings Fund	60.88
EWZ	iShares MSCI Mexico ETF	60.74
EPU	iShares MSCI Peru and Global Exposure ETF	60.63
UEVM	VictoryShares Emerging Markets Value Momentum E..	60.61
INDA	iShares MSCI India ETF	60.49

Emerging Monthly Flows



Emerging 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
PGJ	Invesco Golden Dragon China ETF	-2.25%
RAYC	Rayliant Quantamental China Equity ETF	-1.33%
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	-1.30%
FLCH	Franklin FTSE China ETF	-1.30%
MCHI	iShares MSCI China ETF	-1.27%
GXC	SPDR S&P China ETF	-1.14%
KBA	KraneShares Boser MSCI China A 50 Connect Index ETF	-1.14%
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	-1.10%
FXI	iShares China Large-Cap ETF	-1.02%
CNYA	iShares MSCI China A ETF	-0.96%

Emerging Most Oversold

Ticker	Fund	Value
RAYC	Rayliant Quantamental China Equity ETF	33.42
PGJ	Invesco Golden Dragon China ETF	35.03
CNYA	iShares MSCI China A ETF	35.70
KBA	KraneShares Boser MSCI China A 50 Connect Index ..	36.07
ECNS	iShares MSCI China Small-Cap ETF	36.89
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	37.19
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	37.35
FLCH	Franklin FTSE China ETF	38.13
MCHI	iShares MSCI China ETF	38.97
EWT	iShares MSCI Taiwan ETF	39.14

* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

Fixed Income (AGG)



Commodities (DJP)



Currencies (UUP)



■ 200 Day Moving Average ■ 50 Day Moving Average ■ Closing Price

Fixed Income Performance

Ticker	Name	1 Day	1 Month	YTD
AGG	U.S. Aggregate	0.39%	-0.35%	3.41%
SHY	1-3 Year Treasury Bonds	0.11%	-0.38%	1.67%
IEF	7-10 Year Treasury Bonds	0.49%	-0.65%	4.05%
TLT	20+ Year Treasury Bonds	0.97%	-1.10%	6.68%
TIP	TIPS Bonds	0.38%	0.35%	3.61%
FLOT	Floating Rate Bonds	0.04%	1.17%	1.68%
LQD	Investment Grade Corporate	0.44%	0.32%	4.85%
HYG	High Yield Corporate	0.28%	2.64%	3.72%
BKLN	Senior Loan	0.21%	2.86%	4.29%
PFF	Preferred & Income Securities	-0.03%	5.28%	4.81%
MUB	Municipal Bonds	0.41%	0.18%	2.39%
MBB	MBS	0.40%	-0.80%	2.78%
EMB	Dollar Denominated EM Bonds	0.27%	0.02%	1.77%
LEMB	Local Currency EM Bond	0.29%	1.14%	3.56%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	0.35%	3.64%	-5.71%
DBE	Energy	1.60%	6.72%	-7.50%
USO	WTI Crude Oil	1.52%	13.60%	-1.23%
BNO	Brent Crude Oil	1.35%	11.43%	-2.12%
UNG	Natural Gas	2.71%	-1.91%	-49.01%
UGA	Gasoline	1.42%	4.42%	0.58%
DBP	Precious Metals	0.35%	2.48%	7.90%
GLD	Gold	0.30%	0.63%	8.94%
SLV	Silver	0.44%	8.77%	4.81%
PPLT	abrdn Physical Platin..	-2.91%	11.47%	1.62%
PALL	abrdn Physical Palla..	-4.47%	6.92%	-14.23%
DBB	Base Metals	-0.72%	-2.41%	-0.15%
CPER	Copper	-0.33%	-1.97%	5.46%
LD	Lead	-0.56%	1.47%	-6.51%
JJN	Nickel	-1.02%	3.37%	-18.74%
JJU	Aluminum	-1.04%	1.29%	-1.71%
JJT	Tin	1.22%	6.97%	6.97%
DBA	Agriculture	0.57%	5.51%	4.52%
CORN	Corn	-0.45%	-2.29%	-9.77%
SOYB	Soybeans	-0.79%	0.80%	-7.02%
WEAT	Wheat	-1.93%	-5.97%	-17.17%
CANE	Sugar	3.63%	23.90%	39.24%
BAL	Cotton	0.74%	5.64%	-2.42%
NIB	Cocoa	-0.18%	7.42%	20.32%
JO	Coffee	0.93%	8.98%	18.03%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	-0.32%	-1.32%	-0.54%
UDN	Short Dollar	0.42%	2.04%	2.92%
FXE	Euro	0.53%	2.78%	3.49%
FXB	British Pound Sterling	0.36%	2.31%	4.14%
FXF	Swiss Franc	0.44%	3.54%	3.95%
FXJ	Japanese Yen	-0.16%	-2.68%	-2.49%
FXC	Canadian Dollar	0.07%	1.74%	0.61%
FXA	Australian Dollar	0.10%	0.80%	-1.47%

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Contact us at:

team@etfaction.com

www.etfaction.com