

Large Cap Blend (S&P 500) IVV



Mid Cap Blend (S&P 400) IJH

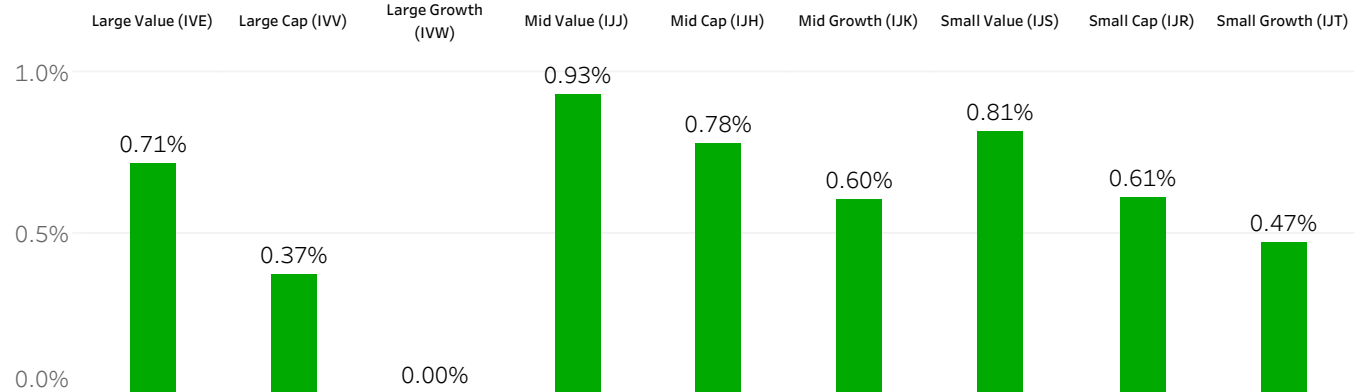


Small Cap Blend (S&P 600) IJR



■ 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
IWC	iShares Micro-Cap ETF	2.05%
FFTY	Innovator IBD 50 ETF	1.88%
XSLV	Invesco S&P SmallCap Low Volatility ETF	1.35%
BBSC	JPMorgan BetaBuilders U.S. Small Cap Equity ETF	1.31%
IPO	Renaissance IPO ETF	1.30%
IWM	iShares Russell 2000 ETF	1.29%
VTWO	Vanguard Russell 2000 ETF	1.28%
JSML	Janus Henderson Small Cap Growth Alpha ETF	1.25%
IWN	iShares Russell 2000 Value ETF	1.22%
IWO	iShares Russell 2000 Growth ETF	1.22%

Size & Style Most Overbought

Ticker	Fund	Price
SPC	CrossingBridge Pre-Merger SPAC ETF	72.91
USMC	Principal U.S. Mega-Cap ETF	68.46
SIXA	ETC 6 Meridian Mega Cap Equity ETF	67.46
ABEQ	Absolute Select Value ETF	67.45
FDLO	Fidelity Low Volatility Factor ETF	67.45
OMFL	Invesco Russell 1000 Dynamic Multifactor ETF	67.21
OUSA	ALPS O'Shares U.S. Quality Dividend ETF	66.87
XLG	Invesco S&P 500 Top 50 ETF	66.59
QUS	SPDR MSCI USA StrategicFactors ETF	66.18
OEF	iShares S&P 100 ETF	66.13

Size & Style 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
AIEQ	AI Powered Equity ETF	-0.66%
QVAL	Alpha Architect US Quantitative Value ETF	-0.29%
COWZ	Pacer US Cash Cows 100 ETF	-0.29%
SPMO	Invesco S&P 500 Momentum ETF	-0.23%
RPG	Invesco S&P 500 Pure Growth ETF	-0.17%
HLAL	Wahed FTSE USA Shariah ETF	-0.15%
CSF	VictoryShares US Discovery Enhanced Volatility Wtd ETF	-0.14%
MTUM	iShares MSCI USA Momentum Factor ETF	-0.13%
TMFC	Motley Fool 100 Index ETF	-0.10%
AVLV	Avantis U.S. Large Cap Value ETF	-0.10%

Size & Style Most Oversold

Ticker	Fund	Price
SVAL	iShares US Small Cap Value Factor ETF	43.53
XSLV	Invesco S&P SmallCap Low Volatility ETF	44.21
FDM	First Trust Dow Jones Select MicroCap Index Fund	45.76
SMLV	SPDR SSGA US Small Cap Low Volatility Index ETF	46.48
AIEQ	AI Powered Equity ETF	47.33
SMDV	ProShares Russell 2000 Dividend Growers ETF	47.53
CSF	VictoryShares US Discovery Enhanced Volatility Wtd..	47.75
FYT	First Trust Small Cap Value AlphaDEX Fund	48.39
VIOV	Vanguard S&P Small-Cap 600 Value ETF	48.63
SLYV	SPDR S&P 600 Small Cap Value ETF	48.77

*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	\$1,288B	\$6.32B	\$1.65B	\$2.37B	\$51.38B
Large Cap, Beta, Beta: Growth	10	\$246B	(\$0.18B)	\$2.44B	\$9.81B	\$20.76B
Large Cap, Beta, Beta: Value	11	\$221B	(\$0.37B)	(\$2.62B)	(\$2.77B)	\$3.25B
Mid Cap, Beta, Beta	10	\$184B	\$0.23B	\$1.10B	\$5.42B	\$11.15B
Mid Cap, Beta, Beta: Growth	6	\$33B	\$0.03B	(\$0.24B)	(\$0.18B)	\$0.92B
Mid Cap, Beta, Beta: Value	6	\$39B	(\$0.03B)	(\$0.71B)	\$0.32B	\$0.63B
Small Cap, Beta, Beta	13	\$188B	(\$0.18B)	(\$0.60B)	\$3.05B	\$1.84B
Small Cap, Beta, Beta: Growth	7	\$31B	\$0.20B	(\$0.36B)	\$0.38B	\$1.31B
Small Cap, Beta, Beta: Value	7	\$48B	(\$0.08B)	(\$0.40B)	\$0.69B	(\$0.45B)

U.S. Size & Style Flow Leaders

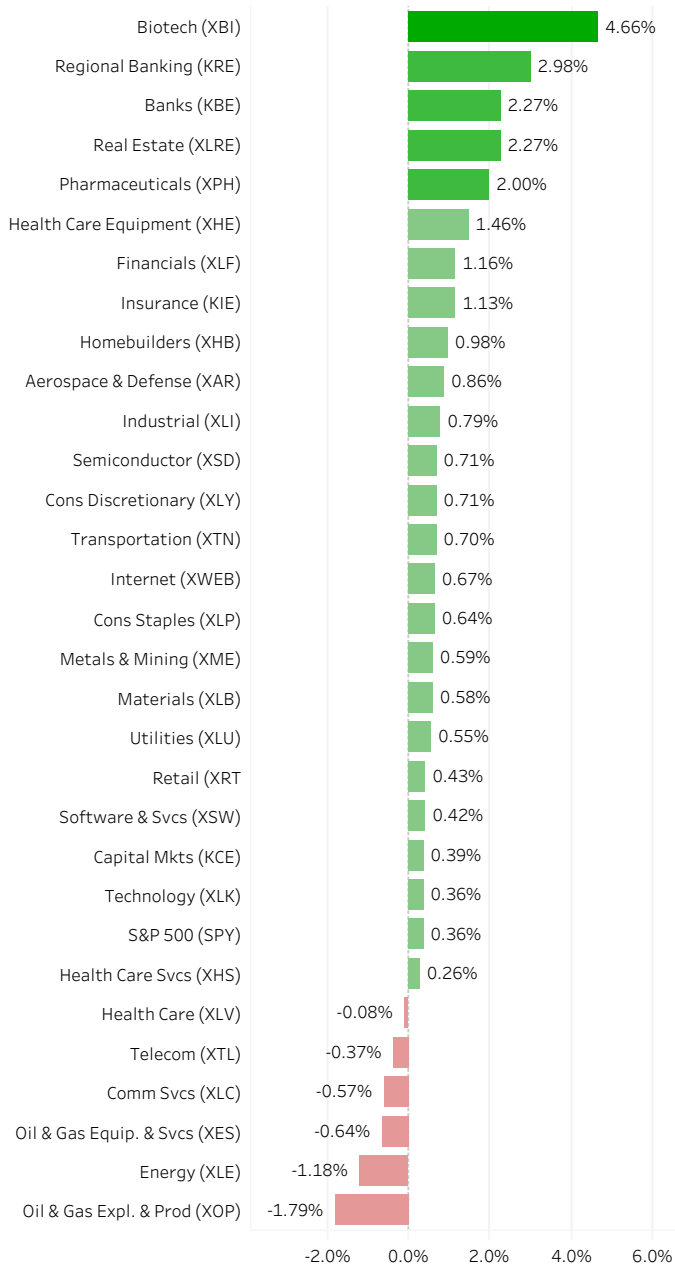
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
SPY	SPDR S&P 500 ETF Trust	\$6.29B	(\$5.94B)	(\$5.08B)	\$2.33B	\$380.32B
VOO	Vanguard S&P 500 ETF	\$0.72B	\$5.34B	\$8.21B	\$28.04B	\$289.31B
QUAL	iShares MSCI USA Quality Factor ETF	\$0.68B	\$8.14B	\$7.84B	\$5.99B	\$27.87B
SPLG	SPDR Portfolio S&P 500 ETF	\$0.46B	\$0.76B	\$1.26B	\$2.72B	\$16.47B
IVV	iShares Core S&P 500 ETF	\$0.37B	(\$1.92B)	(\$3.21B)	\$8.04B	\$308.66B
IJH	iShares Core S&P Mid-Cap ETF	\$0.20B	\$0.87B	\$3.14B	\$5.56B	\$66.16B
IWO	iShares Russell 2000 Growth ETF	\$0.16B	(\$0.55B)	(\$0.24B)	(\$0.04B)	\$9.41B
PABU	iShares Paris-Aligned Climate MSCI USA ETF	\$0.16B	\$0.18B	\$0.26B	\$0.52B	\$1.12B
IJR	iShares Core S&P Small Cap ETF	\$0.14B	\$0.20B	\$1.42B	\$2.15B	\$65.61B
VYM	Vanguard High Dividend Yield Index ETF	\$0.12B	\$0.35B	\$0.99B	\$6.39B	\$49.71B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
QQQ	Invesco QQQ Trust	(\$1.75B)	\$1.56B	(\$2.40B)	\$1.41B	\$171.58B
IWM	iShares Russell 2000 ETF	(\$0.35B)	(\$2.42B)	(\$1.47B)	(\$1.76B)	\$49.57B
VTV	Vanguard Value ETF	(\$0.29B)	\$2.69B	(\$0.91B)	\$4.47B	\$102.22B
IVE	iShares S&P 500 Value ETF	(\$0.16B)	(\$1.20B)	(\$0.65B)	(\$0.47B)	\$24.38B
MGK	Vanguard Mega Cap Growth ETF	(\$0.14B)	\$0.57B	\$0.34B	\$0.51B	\$11.86B
ESGU	iShares ESG Aware MSCI USA ETF	(\$0.13B)	(\$5.90B)	(\$8.47B)	(\$8.15B)	\$14.08B
SMLF	iShares U.S. SmallCap Equity Factor ETF	(\$0.07B)	(\$0.07B)	(\$0.09B)	(\$0.07B)	\$0.90B
IJJ	iShares S&P Mid-Cap 400 Value ETF	(\$0.07B)	(\$0.12B)	(\$0.03B)	(\$0.14B)	\$7.20B
RPV	Invesco S&P 500 Pure Value ETF	(\$0.07B)	(\$0.55B)	(\$0.32B)	(\$0.60B)	\$2.82B
IWF	iShares Russell 1000 Growth ETF	(\$0.06B)	(\$2.17B)	(\$0.98B)	\$0.99B	\$63.45B

* 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)
XLK	Technology Select Sector SPDR Fund	-1.56%	27.99%	4.39%	10.88%	59.71
XLI	Industrial Select Sector SPDR Fund	-2.94%	21.46%	0.40%	4.33%	56.38
XLP	Consumer Staples Select Sector SPDR Fund	-3.15%	13.77%	3.19%	3.27%	64.88
SPY	SPDR S&P 500 ETF Trust	-3.67%	16.09%	2.90%	4.88%	63.82
XLV	Health Care Select Sector SPDR Fund	-4.03%	12.15%	3.68%	2.72%	66.16
XLC	Communication Services Select Sector SPDR Fund	-6.43%	29.69%	5.45%	11.21%	62.91
XLB	Materials Select Sector SPDR Fund	-8.02%	20.92%	1.47%	4.39%	58.72
XLE	Energy Select Sector SPDR Fund	-8.38%	27.72%	2.41%	3.41%	57.25
XLF	Financial Select Sector SPDR Fund	-10.11%	9.81%	-1.50%	-1.81%	58.95
XLU	Utilities Select Sector SPDR Fund	-11.33%	12.60%	3.25%	-0.62%	59.36
XLY	Consumer Discretionary Select Sector SPDR Fund	-14.47%	17.17%	1.73%	1.04%	58.09
XLRE	Real Estate Select Sector SPDR Fund	-19.68%	10.84%	-0.70%	-3.78%	53.81

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
XBI	SPDR S&P BIOTECH ETF	4.66%
PTH	Invesco DWA Healthcare Momentum ETF	4.59%
IAT	iShares U.S. Regional Banks ETF	3.13%
KBWR	Invesco KBW Regional Banking ETF	3.07%
KRE	SPDR S&P Regional Banking ETF	2.98%
FTXO	First Trust Nasdaq Bank ETF	2.77%
RWR	SPDR Dow Jones REIT ETF	2.37%
KBWY	Invesco KBW Premium Yield Equity REIT ETF	2.35%
USRT	iShares Core U.S. REIT ETF	2.35%
ICF	iShares Cohen & Steers REIT ETF	2.29%

Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
IHI	iShares U.S. Medical Devices ETF	66.82
PSL	Invesco DWA Consumer Staples Momentum ETF	66.69
XLV	Health Care Select Sector SPDR Fund	66.16
PTH	Invesco DWA Healthcare Momentum ETF	65.99
FHLC	Fidelity MSCI Health Care Index ETF	65.86
VHT	Vanguard Health Care ETF	65.79
IYH	iShares U.S. Healthcare ETF	65.58
VDC	Vanguard Consumer Staples ETF	65.29
XLP	Consumer Staples Select Sector SPDR Fund	64.88
IYK	iShares U.S. Consumer Staples ETF	64.73

Sector & Industry 1 Day Performance Laggards

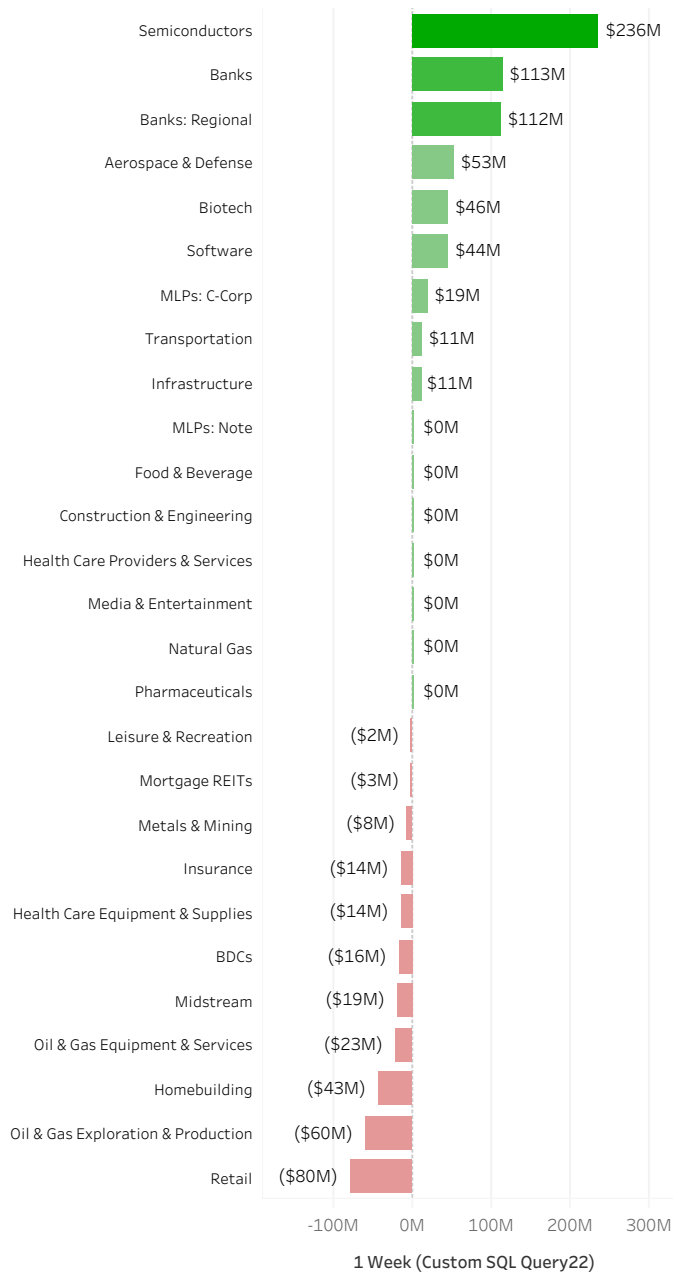
Ticker	Fund	1 Day Performance
PXE	Invesco Dynamic Energy Exploration & Production ETF	-1.94%
IEO	iShares U.S. Oil & Gas Exploration & Production ETF	-1.79%
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	-1.79%
FTXN	First Trust Nasdaq Oil & Gas ETF	-1.56%
PSCE	Invesco S&P SmallCap Energy ETF	-1.55%
FCG	First Trust Natural Gas ETF	-1.54%
PXI	Invesco DWA Energy Momentum ETF	-1.48%
RYE	Invesco S&P 500 Equal Weight Energy ETF	-1.41%
FXN	First Trust Energy AlphaDEX Fund	-1.24%
IGN	iShares North American Tech-Multimedia Networking ..	-1.19%

Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
QABA	First Trust NASDAQ ABA Community Bank Index Fund	38.12
KRE	SPDR S&P Regional Banking ETF	40.52
KBWR	Invesco KBW Regional Banking ETF	41.71
KBWY	Invesco KBW Premium Yield Equity REIT ETF	42.52
XTL	SPDR S&P Telecom ETF	42.53
NETL	NETLease Corporate Real Estate ETF	42.98
IAT	iShares U.S. Regional Banks ETF	43.15
IGN	iShares North American Tech-Multimedia Networking ETF	43.22
KBE	SPDR S&P Bank ETF	45.03
PSCT	Invesco S&P SmallCap Information Technology ETF	45.41

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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	\$739M	\$950M	\$1,408M	\$796M
Consumer Discretionary	12	\$22B	(\$11M)	\$507M	\$301M	(\$2,307M)
Consumer Staples	10	\$31B	\$131M	\$11M	\$2,107M	\$4,509M
Energy	32	\$75B	(\$368M)	(\$3,800M)	(\$4,244M)	(\$8,079M)
Financials	26	\$55B	\$498M	\$1,131M	\$1,739M	(\$9,726M)
Health Care	23	\$93B	(\$242M)	(\$3,987M)	(\$874M)	\$2,279M
Industrial	13	\$31B	(\$231M)	(\$340M)	\$1,610M	(\$1,410M)
Materials	9	\$15B	\$231M	\$264M	\$540M	(\$3,032M)
Multi-Sector	19	\$14B	(\$28M)	\$121M	\$156M	(\$1,900M)
Real Estate	25	\$55B	(\$113M)	(\$2,445M)	(\$2,249M)	(\$5,894M)
Technology	23	\$131B	(\$421M)	\$733M	\$1,585M	(\$441M)
Utilities	9	\$26B	(\$170M)	(\$75M)	(\$625M)	\$2,836M

U.S. Sector & Industry Flow Leaders

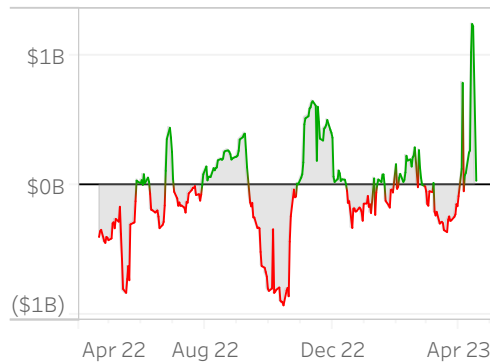
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLC	Communication Services Select Sector SPDR Fu..	\$711M	\$944M	\$1,412M	\$1,115M	\$11,034M
XLF	Financial Select Sector SPDR Fund	\$325M	\$141M	\$1,795M	(\$5,546M)	\$30,464M
XLB	Materials Select Sector SPDR Fund	\$279M	\$98M	\$181M	(\$1,190M)	\$5,967M
IYR	iShares U.S. Real Estate ETF	\$242M	(\$477M)	(\$169M)	(\$923M)	\$3,150M
SOXX	iShares Semiconductor ETF	\$212M	\$378M	\$281M	(\$362M)	\$7,553M
KRE	SPDR S&P Regional Banking ETF	\$170M	\$1,417M	\$675M	(\$169M)	\$3,103M
XBI	SPDR S&P BIOTECH ETF	\$111M	(\$1,548M)	(\$187M)	\$478M	\$6,542M
KBWB	Invesco KBW Bank ETF	\$98M	\$95M	(\$167M)	(\$317M)	\$1,324M
VFH	Vanguard Financials ETF	\$76M	(\$359M)	(\$573M)	(\$2,017M)	\$7,840M
XLP	Consumer Staples Select Sector SPDR Fund	\$76M	(\$23M)	\$1,452M	\$1,762M	\$17,681M

U.S. Sector & Industry Flow Laggards

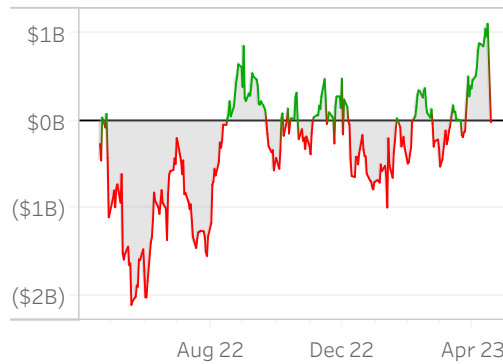
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
VGT	Vanguard Information Technology ETF	(\$386M)	(\$384M)	(\$308M)	(\$965M)	\$45,825M
XLE	Energy Select Sector SPDR Fund	(\$321M)	(\$91M)	(\$776M)	(\$1,394M)	\$40,393M
XLK	Technology Select Sector SPDR Fund	(\$320M)	(\$1,876M)	(\$1,834M)	(\$1,832M)	\$43,103M
XLV	Health Care Select Sector SPDR Fund	(\$301M)	(\$1,456M)	(\$92M)	\$2,162M	\$40,118M
XLI	Industrial Select Sector SPDR Fund	(\$295M)	(\$1,254M)	(\$277M)	(\$1,605M)	\$13,197M
XLRE	Real Estate Select Sector SPDR Fund	(\$180M)	(\$623M)	(\$389M)	\$17M	\$4,487M
XLU	Utilities Select Sector SPDR Fund	(\$101M)	\$198M	(\$293M)	\$2,250M	\$16,231M
VNQ	Vanguard Real Estate ETF	(\$82M)	(\$702M)	(\$1,086M)	(\$4,120M)	\$31,884M
XRT	SPDR S&P Retail ETF	(\$80M)	(\$55M)	\$7M	\$164M	\$308M
IAI	iShares U.S. Broker-Dealers & Securities Excha..	(\$77M)	(\$120M)	\$231M	\$221M	\$691M

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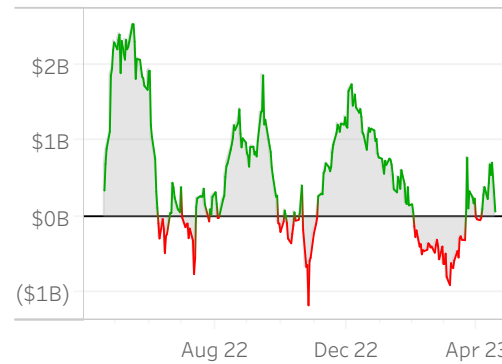
Communication Services



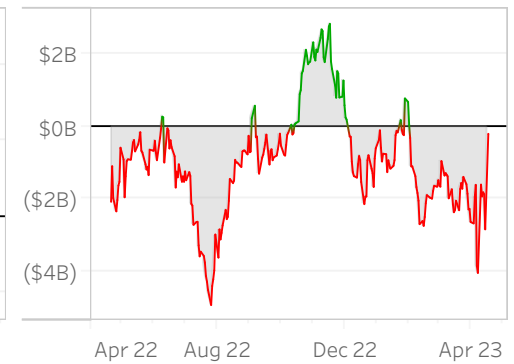
Consumer Discretionary



Consumer Staples



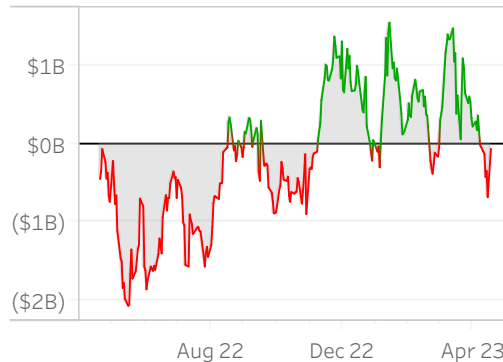
Energy



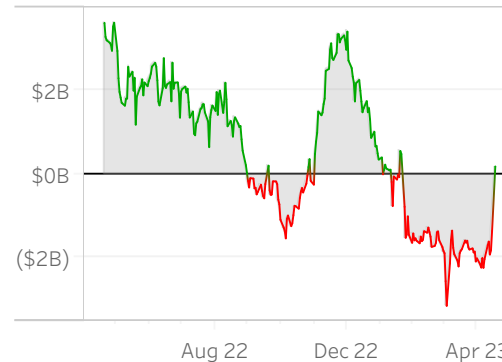
Financials



Industrial



Health Care



Materials



Real Estate



Technology



Utilities

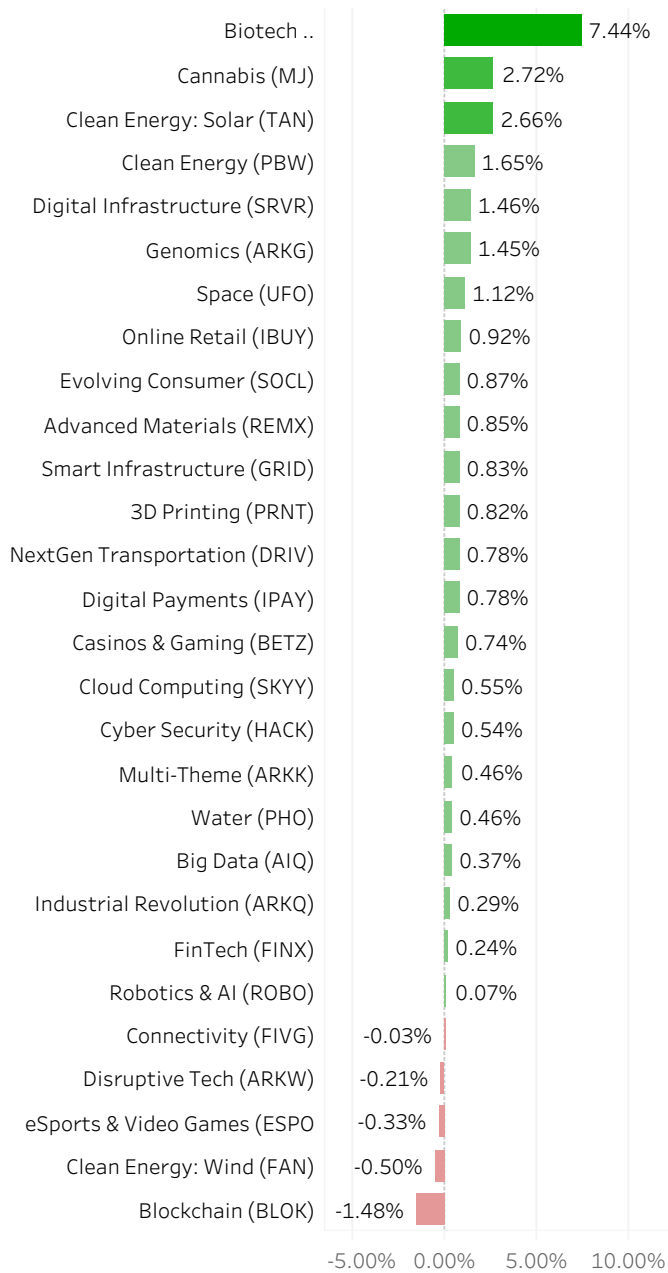


Multi-Sector

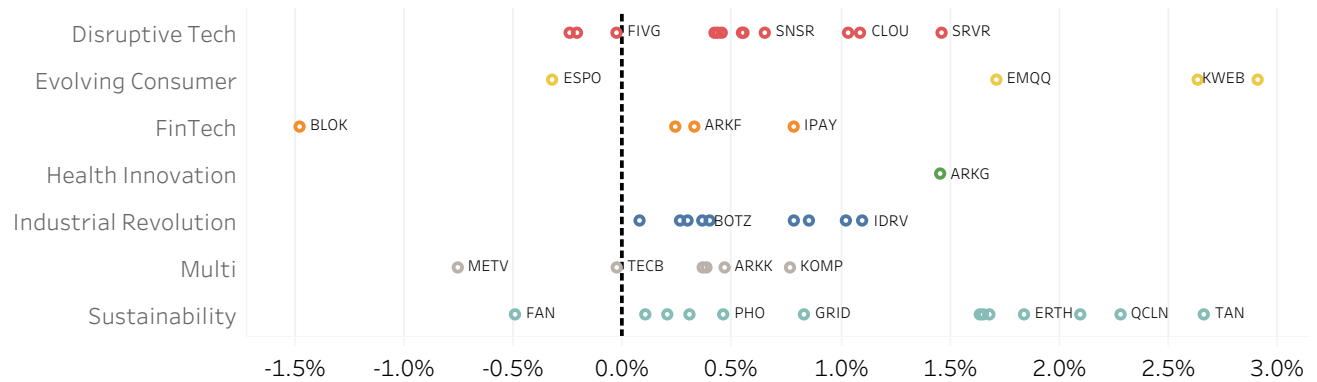


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Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	Performance
SBIO	ALPS Medical Breakthroughs ETF	7.44%
BTEC	Principal Healthcare Innovators ETF	4.07%
KGRN	KraneShares MSCI China Clean Technology Index ETF	2.96%
KWEB	KraneShares CSI China Internet ETF	2.91%
MJ	ETFMG Alternative Harvest	2.72%
TAN	Invesco Solar ETF	2.66%
MSOS	AdvisorShares Pure US Cannabis ETF	2.63%
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	2.28%
ACES	ALPS Clean Energy ETF	2.09%
MJUS	ETFMG U.S. Alternative Harvest ETF	2.05%

Thematic Most Overbought

Ticker	Fund	Value
AGNG	Global X Aging Population ETF	71.61
BKCH	Global X Blockchain ETF	67.79
BITQ	Bitwise Crypto Industry Innovators ETF	67.46
GDOC	Goldman Sachs Future Health Care Equity ETF	66.23
BLOK	Amplify Transformational Data Sharing ETF	63.83
SBIO	ALPS Medical Breakthroughs ETF	63.25
KLDW	Knowledge Leaders Developed World ETF	63.21
HACK	ETFMG Prime Cyber Security	62.49
PAWZ	ProShares Pet Care ETF	61.86
BJK	VanEck Gaming ETF	61.26

Global Thematic 1-Day Performance Laggards

Ticker	Fund	Performance
BITQ	Bitwise Crypto Industry Innovators ETF	-2.95%
BKCH	Global X Blockchain ETF	-1.72%
BLOK	Amplify Transformational Data Sharing ETF	-1.48%
BLCN	Siren ETF Trust Siren Nasdaq NexGen Economy ETF	-1.28%
HERO	Global X Video Games & Esports ETF	-0.83%
METV	Roundhill Ball Metaverse ETF	-0.76%
PAWZ	ProShares Pet Care ETF	-0.52%
FAN	First Trust Global Wind Energy ETF	-0.50%
ESPO	VanEck Video Gaming and eSports ETF	-0.33%
GAMR	Wedbush ETFMG Video Game Tech ETF	-0.33%

Thematic Most Oversold

Ticker	Fund	Value
MJ	ETFMG Alternative Harvest	38.89
MSOS	AdvisorShares Pure US Cannabis ETF	40.09
MJUS	ETFMG U.S. Alternative Harvest ETF	40.92
IZRL	ARK Israel Innovative Technology ETF	45.50
HAIL	SPDR S&P Kensho Smart Mobility ETF	45.78
ONLN	ProShares Online Retail ETF	46.83
ARKX	ARK Space Exploration & Innovation ETF	47.40
ARKQ	ARK Autonomous Technology & Robotics ETF	47.40
PBW	Invesco WilderHill Clean Energy ETF	47.81
KWEB	KraneShares CSI China Internet ETF	48.04

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Thematic 1 Week Flow Leaders

Ticker	Fund	
ARKK	ARK Innovation ETF	\$81M
IHAK	iShares Cybersecurity & Tech ETF	\$48M
CLIX	ProShares Long Online/Short Stores ETF	\$6M
IRBO	iShares Robotics and Artificial Intelligence Multisector ETF	\$6M
SMOG	VanEck Low Carbon Energy ETF	\$6M
SNSR	Global X Internet of Things ETF	\$4M
ACES	ALPS Clean Energy ETF	\$3M
TARK	AXS 2X Innovation ETF	\$3M
WGM1	Valkyrie Bitcoin Miners ETF	\$2M
AIQ	Global X Artificial Intelligence & Technology ETF	\$1M

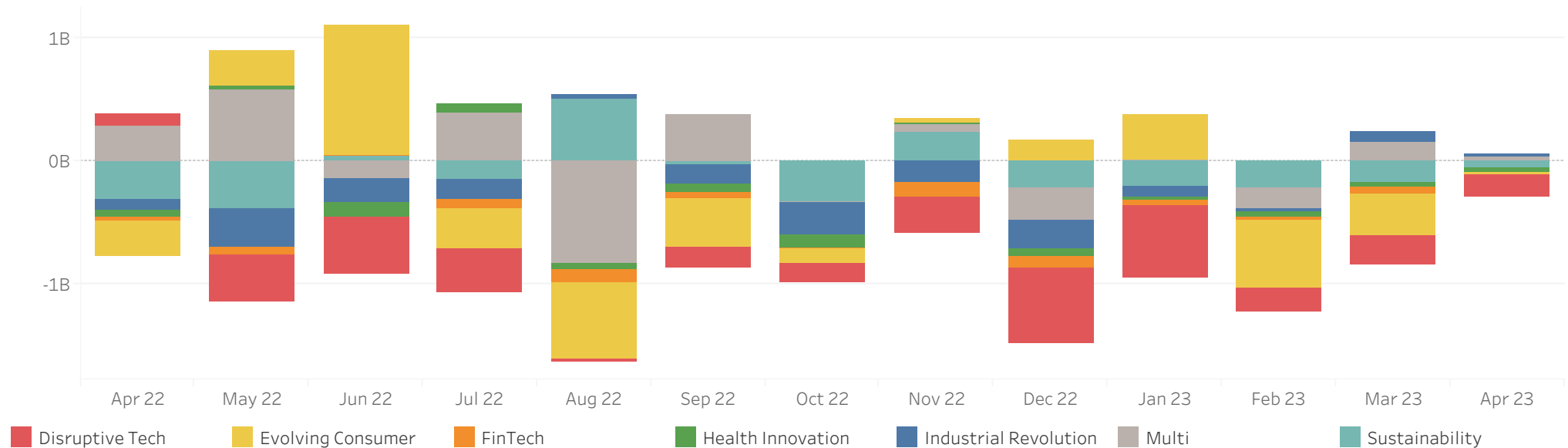
Thematic 1 Week Flow Laggards

Ticker	Fund	
SKYY	First Trust Cloud Computing ETF	(\$159M)
SRVR	Pacer Data & Infrastructure Real Estate ETF	(\$33M)
ICLN	iShares Global Clean Energy ETF	(\$20M)
TAN	Invesco Solar ETF	(\$18M)
ARKG	ARK Genomic Revolution ETF	(\$14M)
KWEB	KraneShares CSI China Internet ETF	(\$8M)
DRIV	Global X Autonomous & Electric Vehicles ETF	(\$8M)
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	(\$7M)
HTEC	ROBO Global Healthcare Technology and Innovation ETF	(\$5M)
LIT	Global X Lithium & Battery Tech ETF	(\$5M)

Thematic Landscape Assets & Flows

Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	34	\$15B	(\$13M)	(\$947M)	(\$2,166M)	(\$3,545M)
Evolving Consumer	44	\$9B	(\$10M)	(\$777M)	(\$416M)	(\$751M)
FinTech	19	\$3B	(\$2M)	(\$95M)	(\$342M)	(\$666M)
Health Innovation	19	\$3B	(\$20M)	(\$142M)	(\$200M)	(\$495M)
Industrial Revolution	31	\$11B	(\$8M)	\$93M	(\$537M)	(\$1,563M)
Multi	41	\$15B	\$106M	\$112M	(\$40M)	\$515M
Sustainability	40	\$17B	(\$37M)	(\$530M)	(\$856M)	(\$1,266M)
Grand Total	228	\$72B	\$15M	(\$2,285M)	(\$4,557M)	(\$7,770M)

Thematic Monthly Flows

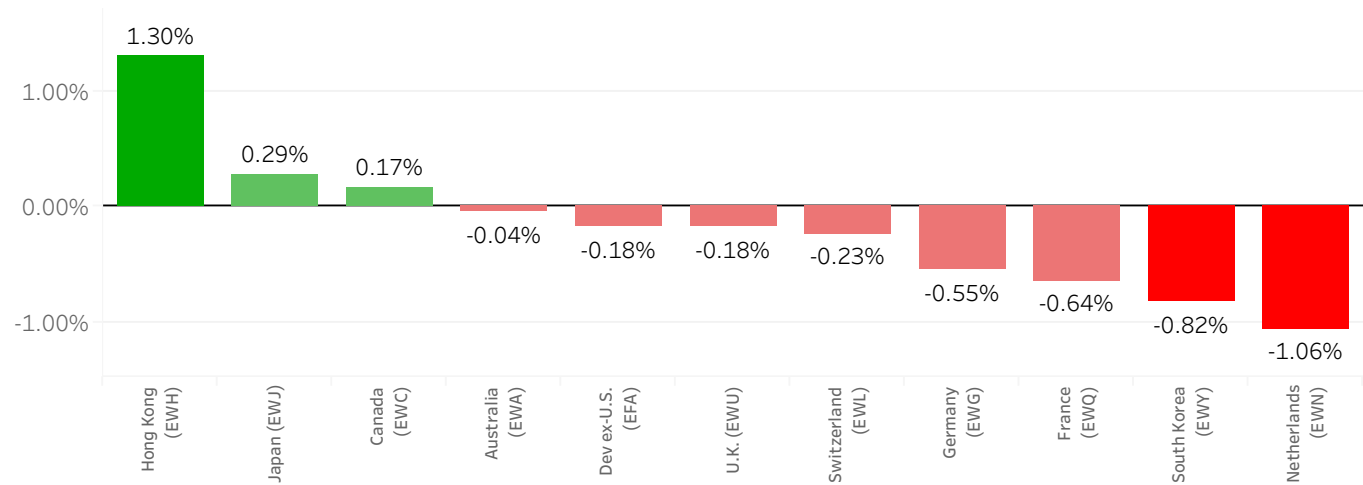


* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

Developed ex-U.S. (EFA)



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



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



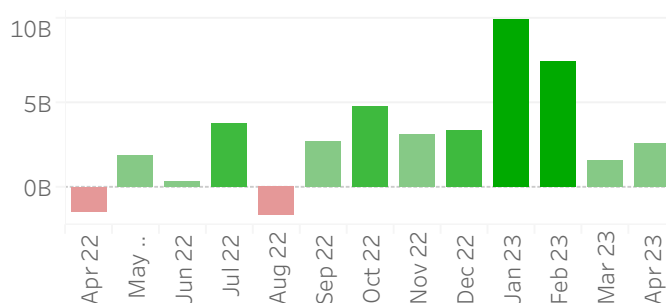
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
EWH	iShares MSCI Hong Kong ETF	1.30%
ISRA	VanEck Israel ETF	1.13%
HEWJ	iShares Currency Hedged MSCI Japan ETF	0.83%
AIA	iShares Asia 50 ETF	0.81%
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	0.68%
MINV	Matthews Asia Innovators Active ETF	0.64%
AAXJ	iShares MSCI All Country Asia ex Japan ETF	0.62%
EWJV	iShares MSCI Japan Value ETF	0.62%
DXJ	WisdomTree Japan Hedged Equity Fund	0.61%
EDEN	iShares MSCI Denmark ETF	0.59%

Developed ex-U.S. Most Overbought

Ticker	Fund	Value
EDEN	iShares MSCI Denmark ETF	76.76
EWL	iShares MSCI Switzerland ETF	73.43
FLSW	Franklin FTSE Switzerland ETF	73.11
IMFL	Invesco International Developed Dynamic Multifactor ETF	72.97
BBCA	JPMorgan BetaBuilders Canada ETF	71.26
IDHQ	Invesco S&P International Developed High Quality ETF	70.46
EFAV	iShares MSCI EAFE Min Vol Factor ETF	70.36
IHDG	WisdomTree International Hedged Quality Dividend Grow..	70.31
EWC	iShares MSCI Canada ETF	70.09
QLVD	FlexShares Developed Markets ex-US Quality Low Volatilit..	70.02

Developed ex-U.S. Monthly Flows



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

Ticker	Fund	1-Day Performance
EWN	iShares MSCI Netherlands ETF	-1.06%
EWY	iShares MSCI South Korea ETF	-0.82%
EWI	iShares MSCI Italy ETF	-0.82%
FLKR	Franklin FTSE South Korea ETF	-0.81%
FEZ	SPDR EURO STOXX 50 ETF	-0.80%
DAX	Global X DAX Germany ETF	-0.80%
GREK	Global X MSCI Greece ETF	-0.78%
EZU	iShares MSCI Eurozone ETF	-0.75%
EWQ	iShares MSCI France ETF	-0.64%
EWP	iShares MSCI Spain ETF	-0.62%

Developed ex-U.S. Most Oversold

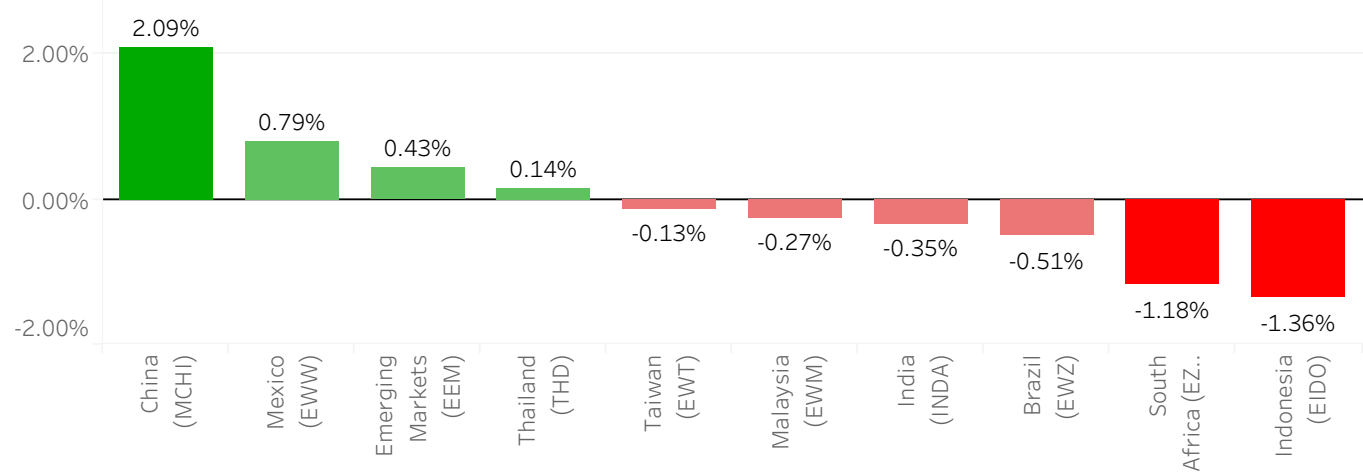
Ticker	Fund	Value
EIS	iShares MSCI Israel ETF	41.97
MINV	Matthews Asia Innovators Active ETF	48.67
ENZL	iShares MSCI New Zealand ETF	49.01
ISRA	VanEck Israel ETF	49.60
AIA	iShares Asia 50 ETF	52.35
DFJ	WisdomTree Japan SmallCap Dividend Fund	52.51
EWN	iShares MSCI Netherlands ETF	54.90
SCJ	iShares MSCI Japan Small-Cap ETF	56.70
AAXJ	iShares MSCI All Country Asia ex Japan ETF	56.90
NORW	Global X MSCI Norway ETF	57.01

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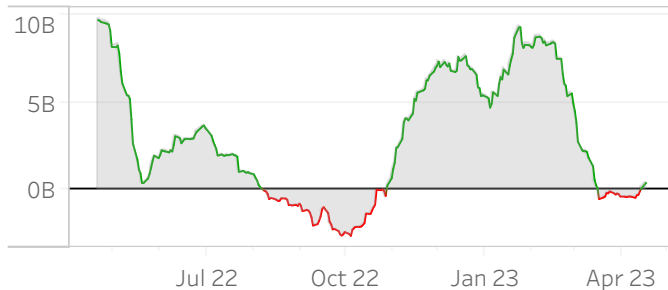
Emerging (EEM)



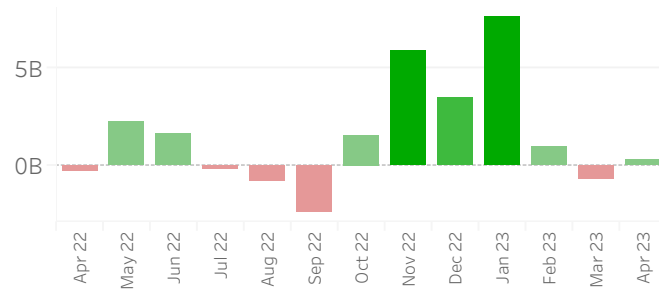
Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Leaders

Ticker	Fund	Performance
PGJ	Invesco Golden Dragon China ETF	3.22%
FXI	iShares China Large-Cap ETF	2.72%
MCHI	iShares MSCI China ETF	2.09%
FLCH	Franklin FTSE China ETF	2.03%
GXC	SPDR S&P China ETF	2.01%
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	1.75%
NUEM	Nuveen ESG Emerging Markets Equity ETF	1.49%
KBA	KraneShares Bosera MSCI China A 50 Connect Index ETF	1.47%
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	1.34%
KSA	iShares MSCI Saudi Arabia ETF	1.22%

Emerging Most Overbought

Ticker	Fund	Price
ECOW	Pacer Emerging Markets Cash Cows 100 ETF	73.68
EDIV	SPDR S&P Emerging Markets Dividend ETF	73.22
UEVM	VictoryShares Emerging Markets Value Momentum E..	70.70
KSA	iShares MSCI Saudi Arabia ETF	70.52
DVYE	iShares Emerging Markets Dividend ETF	69.70
EPOL	iShares MSCI Poland ETF	69.25
DEM	WisdomTree Emerging Markets High Dividend Fund	68.98
ARGT	Global X MSCI Argentina ETF	68.92
EWX	SPDR S&P Emerging Markets Small Cap ETF	68.87
EPU	iShares MSCI Peru and Global Exposure ETF	68.67

Emerging 1-Day Performance Laggards

Ticker	Fund	Performance
QAT	iShares MSCI Qatar ETF	-1.38%
EIDO	iShares MSCI Indonesia ETF	-1.36%
EZA	iShares MSCI South Africa ETF	-1.18%
TUR	iShares MSCI Turkey ETF	-0.99%
FLBR	Franklin FTSE Brazil ETF	-0.73%
SMIN	iShares MSCI India Small Cap ETF	-0.58%
EWZ	iShares MSCI Brazil ETF	-0.51%
INDY	iShares India 50 ETF	-0.48%
EPHE	iShares MSCI Philippines ETF	-0.46%
EPU	iShares MSCI Peru and Global Exposure ETF	-0.41%

Emerging Most Oversold

Ticker	Fund	Price
EPHE	iShares MSCI Philippines ETF	37.54
QAT	iShares MSCI Qatar ETF	42.32
PGJ	Invesco Golden Dragon China ETF	48.89
THD	iShares MSCI Thailand ETF	49.13
TUR	iShares MSCI Turkey ETF	49.23
VNM	VanEck Vietnam ETF	50.86
FM	iShares MSCI Frontier and Select EM ETF	51.30
RAYC	Rayliant Quantamental China Equity ETF	52.61
EWT	iShares MSCI Taiwan ETF	52.78
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	53.42

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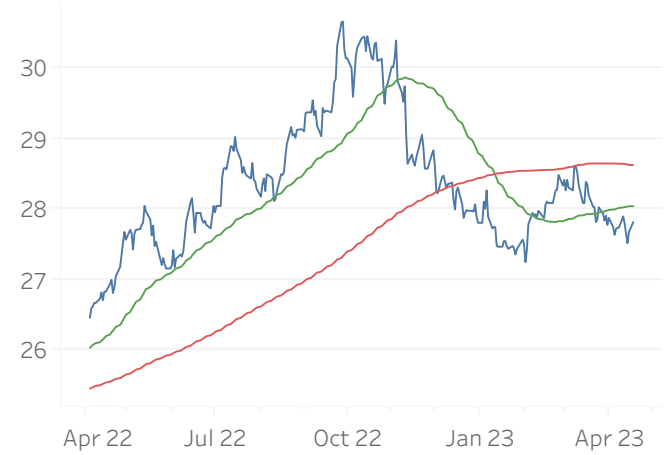
Fixed Income (AGG)



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	-0.50%	-0.35%	2.72%
SHY	1-3 Year Treasury Bonds	-0.15%	-0.26%	1.49%
IEF	7-10 Year Treasury Bonds	-0.64%	-0.78%	3.26%
TLT	20+ Year Treasury Bonds	-1.19%	-2.58%	5.08%
TIP	TIPS Bonds	-0.46%	0.78%	2.84%
FLOT	Floating Rate Bonds	0.08%	1.59%	1.54%
LQD	Investment Grade Corporate	-0.63%	0.97%	4.11%
HYG	High Yield Corporate	-0.27%	2.80%	3.55%
BKLN	Senior Loan	0.29%	3.08%	4.27%
PFF	Preferred & Income Securities	-0.29%	4.23%	4.21%
MUB	Municipal Bonds	-0.18%	0.78%	2.78%
MBB	MBS	-0.58%	-1.01%	2.02%
EMB	Dollar Denominated EM Bonds	-0.64%	1.78%	2.12%
LEMB	Local Currency EM Bond	-0.47%	2.12%	3.28%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	0.12%	6.59%	-3.56%
DBE	Energy	-1.00%	10.82%	-5.80%
USO	WTI Crude Oil	-1.73%	20.76%	1.04%
BNO	Brent Crude Oil	-1.87%	17.71%	0.14%
UNG	Natural Gas	6.58%	-8.59%	-49.43%
UGA	Gasoline	-1.83%	13.78%	5.36%
DBP	Precious Metals	-0.63%	3.17%	8.07%
GLD	Gold	-0.45%	0.96%	9.37%
SLV	Silver	-1.24%	11.59%	4.54%
PPLT	abrdn Physical Platin..	0.49%	7.66%	-2.31%
PALL	abrdn Physical Palla..	3.73%	11.45%	-12.54%
DBB	Base Metals	-0.55%	2.26%	2.21%
CPER	Copper	-0.80%	5.01%	8.01%
LD	Lead	-2.56%	1.13%	-8.18%
JJN	Nickel	1.39%	5.83%	-16.95%
JJU	Aluminum	-0.67%	4.07%	-1.93%
JJT	Tin	9.05%	21.75%	9.75%
DBA	Agriculture	1.39%	6.91%	5.21%
CORN	Corn	0.88%	2.26%	-5.94%
SOYB	Soybeans	0.85%	0.51%	-4.53%
WEAT	Wheat	1.58%	-1.26%	-11.53%
CANE	Sugar	0.89%	17.48%	31.16%
BAL	Cotton	0.41%	7.72%	0.59%
NIB	Cocoa	0.91%	10.69%	17.38%
JO	Coffee	2.99%	13.89%	21.50%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	0.51%	-1.35%	0.04%
UDN	Short Dollar	-0.47%	2.00%	2.11%
FXE	Euro	-0.62%	2.65%	2.38%
FXB	British Pound Sterling	-0.24%	1.93%	3.17%
FXF	Swiss Franc	-0.54%	3.03%	2.76%
FXJ	Japanese Yen	-0.49%	-1.87%	-2.50%
FXC	Canadian Dollar	-0.15%	2.81%	1.65%
FXA	Australian Dollar	0.00%	0.31%	-1.30%

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