

Large Cap Blend (S&P 500) IVV



Mid Cap Blend (S&P 400) IJH

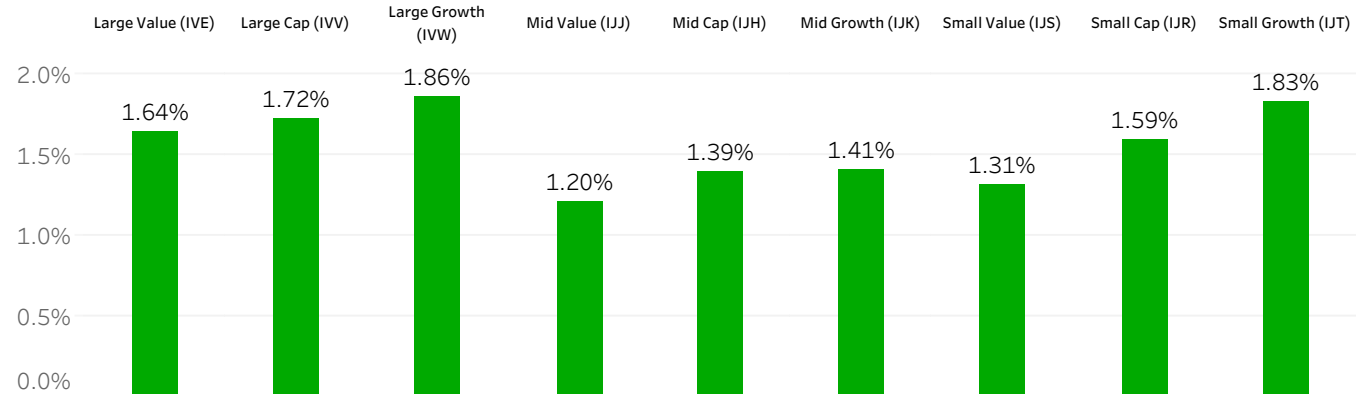


Small Cap Blend (S&P 600) IJR



■ 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
BUZZ	VanEck Social Sentiment ETF	2.91%
FFTY	Innovator IBD 50 ETF	2.74%
WINN	Harbor Long-Term Growers ETF	2.66%
QQQM	Invesco NASDAQ 100 ETF	2.65%
LCG	Sterling Capital Focus Equity ETF	2.64%
QQQ	Invesco QQQ Trust	2.64%
IPO	Renaissance IPO ETF	2.61%
TMFC	Motley Fool 100 Index ETF	2.60%
MGK	Vanguard Mega Cap Growth ETF	2.57%
SCHG	Schwab U.S. Large-Cap Growth ETF	2.48%

Size & Style Most Overbought

Ticker	Fund	Price
QQQ	Invesco QQQ Trust	61.28
QQQM	Invesco NASDAQ 100 ETF	61.27
PTNQ	Pacer Trendpilot 100 ETF	60.10
JEPQ	J.P. Morgan Nasdaq Equity Premium Income ETF	59.96
MGK	Vanguard Mega Cap Growth ETF	59.61
IWY	iShares Russell Top 200 Growth ETF	59.09
SCHG	Schwab U.S. Large-Cap Growth ETF	58.44
XLG	Invesco S&P 500 Top 50 ETF	58.13
TMFC	Motley Fool 100 Index ETF	58.09
QQH	HCM Defender 100 Index ETF	57.59

Size & Style 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
SPC	CrossingBridge Pre-Merger SPAC ETF	0.02%
DIV	Global X SuperDividend US ETF	0.06%
ONOF	Global X Adaptive U.S. Risk Management ETF	0.11%
LVHD	Franklin U.S. Low Volatility High Dividend Index ETF	0.25%
RPHS	Regents Park Hedged Market Strategy ETF	0.30%
SPHD	Invesco S&P 500 High Dividend Low Volatility ETF	0.32%
WBIG	WBI BullBear Yield 3000 ETF	0.50%
HDV	iShares Core High Dividend ETF	0.55%
DDIV	First Trust Dorsey Wright Momentum & Dividend ETF	0.56%
DURA	VanEck Durable High Dividend ETF	0.56%

Size & Style Most Oversold

Ticker	Fund	Price
DIV	Global X SuperDividend US ETF	19.02
RPV	Invesco S&P 500 Pure Value ETF	25.11
SPDV	AAM S&P 500 High Dividend Value ETF	26.73
RDIV	Invesco S&P Ultra Dividend Revenue ETF	26.99
DDIV	First Trust Dorsey Wright Momentum & Dividend ETF	27.13
NUMV	Nuveen ESG Mid-Cap Value ETF	27.20
WBIG	WBI BullBear Yield 3000 ETF	27.73
SPYD	SPDR Portfolio S&P 500 High Dividend ETF	27.91
FDL	First Trust Morningstar Dividend Leaders Index Fund	28.48
EQRR	ProShares Equities for Rising Rates ETF	28.92

\*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	\$1,196B	(\$6.78B)	(\$25.70B)	\$2.57B	\$28.55B
Large Cap, Beta, Beta: Growth	10	\$228B	\$1.27B	\$0.13B	\$9.51B	\$21.44B
Large Cap, Beta, Beta: Value	11	\$215B	\$0.58B	(\$8.97B)	\$2.38B	\$6.63B
Mid Cap, Beta, Beta	10	\$178B	\$1.11B	\$1.39B	\$6.01B	\$10.75B
Mid Cap, Beta, Beta: Growth	6	\$32B	\$0.31B	(\$0.70B)	(\$0.51B)	\$0.43B
Mid Cap, Beta, Beta: Value	6	\$39B	\$0.60B	(\$2.28B)	\$1.32B	\$1.41B
Small Cap, Beta, Beta	13	\$187B	\$0.85B	\$0.62B	\$5.45B	(\$0.24B)
Small Cap, Beta, Beta: Growth	7	\$31B	\$0.28B	(\$0.27B)	\$0.65B	\$0.63B
Small Cap, Beta, Beta: Value	7	\$49B	\$0.55B	(\$0.85B)	\$1.53B	(\$2.28B)

### U.S. Size & Style Flow Leaders

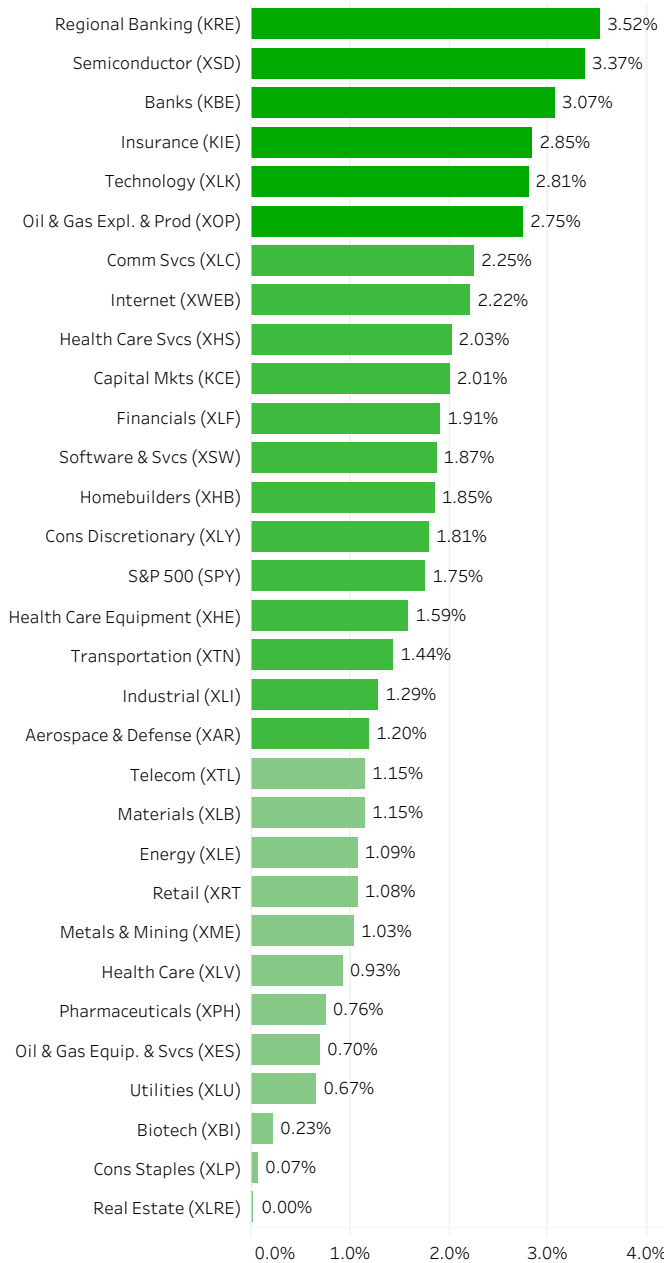
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
VYM	Vanguard High Dividend Yield Index ETF	\$2.67B	\$2.89B	\$4.09B	\$8.48B	\$49.78B
VTI	Vanguard Total Stock Market ETF	\$2.13B	\$5.85B	\$11.48B	\$20.26B	\$270.64B
DVY	iShares Select Dividend ETF	\$2.12B	\$2.04B	\$2.84B	\$2.47B	\$23.47B
VO	Vanguard Mid-Cap ETF	\$1.64B	\$0.53B	\$1.33B	\$2.92B	\$51.06B
VTV	Vanguard Value ETF	\$1.23B	\$4.31B	\$1.09B	\$6.18B	\$99.04B
VB	Vanguard Small-Cap ETF	\$1.00B	\$1.32B	\$1.39B	(\$0.16B)	\$42.30B
VIG	Vanguard Dividend Appreciation ETF	\$0.90B	(\$0.03B)	\$1.32B	\$1.08B	\$63.39B
VUG	Vanguard Growth ETF	\$0.69B	\$2.02B	\$3.60B	\$9.61B	\$76.66B
MOAT	VanEck Morningstar Wide Moat ETF	\$0.69B	\$0.46B	\$0.31B	(\$0.04B)	\$7.73B
VBR	Vanguard Small Cap Value ETF	\$0.68B	\$0.59B	\$1.27B	(\$0.18B)	\$24.13B

### U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
SPY	SPDR S&P 500 ETF Trust	(\$6.13B)	(\$22.51B)	(\$6.53B)	(\$8.28B)	\$347.66B
IVV	iShares Core S&P 500 ETF	(\$1.14B)	(\$5.93B)	(\$0.77B)	\$3.70B	\$290.93B
MDY	SPDR S&P Midcap 400 ETF Trust	(\$0.47B)	(\$0.71B)	\$0.04B	(\$0.39B)	\$17.65B
RSP	Invesco S&P 500 Equal Weight ETF	(\$0.46B)	\$1.65B	\$3.35B	\$2.33B	\$33.90B
DIA	SPDR Dow Jones Industrial Average ETF Trust	(\$0.28B)	(\$2.34B)	(\$0.99B)	(\$1.52B)	\$26.97B
IVE	iShares S&P 500 Value ETF	(\$0.26B)	(\$5.01B)	(\$0.17B)	\$0.22B	\$23.89B
VONV	Vanguard Russell 1000 Value ETF	(\$0.22B)	(\$0.17B)	\$0.36B	(\$0.36B)	\$6.25B
IJS	iShares S&P Small-Cap 600 Value ETF	(\$0.20B)	\$0.33B	\$0.44B	(\$0.82B)	\$7.11B
USMV	iShares MSCI USA Min Vol Factor ETF	(\$0.20B)	(\$1.47B)	(\$0.35B)	\$2.27B	\$27.54B
DLN	WisdomTree U.S. LargeCap Dividend Fund	(\$0.16B)	(\$0.24B)	(\$0.12B)	\$0.27B	\$3.35B

\* 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)
XLI	Industrial Select Sector SPDR Fund	-6.03%	18.64%	-3.00%	3.23%	40.41
XLP	Consumer Staples Select Sector SPDR Fund	-9.84%	9.23%	-0.69%	-0.44%	50.76
XLV	Health Care Select Sector SPDR Fund	-10.73%	6.35%	-2.85%	-2.26%	45.15
XLK	Technology Select Sector SPDR Fund	-11.03%	23.25%	5.13%	8.43%	61.67
XLU	Utilities Select Sector SPDR Fund	-13.44%	9.92%	-0.68%	-3.13%	54.74
SPY	SPDR S&P 500 ETF Trust	-13.65%	11.09%	-1.11%	1.04%	48.50
XLB	Materials Select Sector SPDR Fund	-15.30%	13.93%	-6.41%	-1.10%	35.48
XLE	Energy Select Sector SPDR Fund	-16.88%	15.87%	-10.00%	-5.18%	31.19
XLF	Financial Select Sector SPDR Fund	-18.38%	5.68%	-9.95%	-5.43%	29.27
XLC	Communication Services Select Sector SPDR Fund	-21.99%	22.31%	2.52%	5.41%	58.63
XLY	Consumer Discretionary Select Sector SPDR Fund	-24.40%	13.39%	-0.78%	-1.93%	48.74
XLRE	Real Estate Select Sector SPDR Fund	-26.72%	9.80%	-5.11%	-5.77%	40.30

### Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
SOXQ	Invesco PHLX Semiconductor ETF	4.26%
SOXX	iShares Semiconductor ETF	3.91%
KBWR	Invesco KBW Regional Banking ETF	3.84%
FTXL	First Trust Nasdaq Semiconductor ETF	3.68%
KRE	SPDR S&P Regional Banking ETF	3.52%
IAT	iShares U.S. Regional Banks ETF	3.49%
KBWP	Invesco KBW Property & Casualty Insurance ETF	3.49%
XNTK	SPDR NYSE Technology ETF	3.48%
QTEC	First Trust NASDAQ-100 Technology Sector Index ..	3.38%
XSD	SPDR S&P Semiconductor ETF	3.37%

### Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
IYW	iShares U.S. Technology ETF	62.84
XLK	Technology Select Sector SPDR Fund	61.67
VGT	Vanguard Information Technology ETF	59.84
IGM	iShares Expanded Tech Sector ETF	59.83
FTEC	Fidelity MSCI Information Technology Index ETF	59.62
SOXQ	Invesco PHLX Semiconductor ETF	59.42
SOXX	iShares Semiconductor ETF	58.86
QTEC	First Trust NASDAQ-100 Technology Sector Index Fund	58.80
XLC	Communication Services Select Sector SPDR Fund	58.63
XNTK	SPDR NYSE Technology ETF	57.24

### Sector & Industry 1 Day Performance Laggards

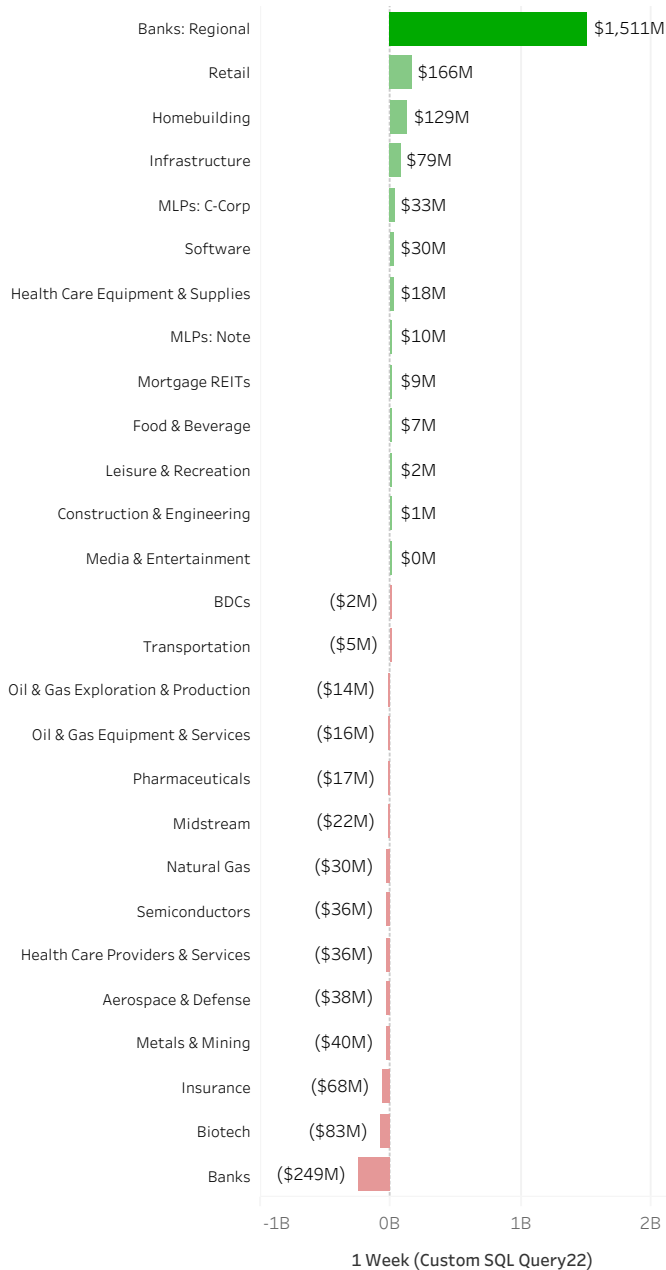
Ticker	Fund	1 Day Performance
KBWY	Invesco KBW Premium Yield Equity REIT ETF	-2.03%
NETL	NETLease Corporate Real Estate ETF	-1.24%
EWRE	Invesco S&P 500 Equal Weight Real Estate ETF	-1.17%
PPTY	US Diversified Real Estate ETF	-0.86%
RWR	SPDR Dow Jones REIT ETF	-0.62%
USRT	iShares Core U.S. REIT ETF	-0.60%
BBRE	JPMorgan BetaBuilders MSCI U.S. REIT ETF	-0.53%
REZ	iShares Residential and Multisector Real Estate ETF	-0.51%
FRI	First Trust S&P REIT Index Fund	-0.50%
NURE	Nuveen Short-Term REIT ETF	-0.50%

### Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
IAT	iShares U.S. Regional Banks ETF	18.77
FTXO	First Trust Nasdaq Bank ETF	21.45
KRE	SPDR S&P Regional Banking ETF	21.79
KBWB	Invesco KBW Bank ETF	22.25
KBWY	Invesco KBW Premium Yield Equity REIT ETF	22.47
MORT	VanEck Mortgage REIT Income ETF	22.51
KBE	SPDR S&P Bank ETF	23.06
REM	iShares Mortgage Real Estate ETF	23.95
FXO	First Trust Financials AlphaDEX Fund	24.48
RYF	Invesco S&P 500 Equal Weight Financials ETF	24.95

\* 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	\$12B	(\$66M)	(\$325M)	(\$166M)	(\$1,010M)
Consumer Discretionary	12	\$21B	\$152M	(\$198M)	(\$837M)	(\$3,309M)
Consumer Staples	10	\$29B	\$167M	(\$268M)	\$897M	\$4,684M
Energy	32	\$72B	(\$1,171M)	(\$2,350M)	(\$2,039M)	(\$7,734M)
Financials	26	\$55B	\$494M	\$1,015M	\$196M	(\$13,704M)
Health Care	23	\$88B	(\$51M)	(\$3,510M)	(\$1,319M)	\$5,549M
Industrial	13	\$32B	(\$55M)	\$1,485M	\$1,630M	(\$1,151M)
Materials	9	\$14B	(\$146M)	\$742M	\$422M	(\$2,481M)
Multi-Sector	19	\$14B	\$236M	\$159M	(\$666M)	(\$3,308M)
Real Estate	25	\$57B	(\$194M)	(\$2,321M)	(\$2,440M)	(\$5,111M)
Technology	23	\$122B	\$617M	(\$1,631M)	\$318M	\$979M
Utilities	9	\$24B	\$244M	(\$621M)	(\$1,301M)	\$3,588M

## U.S. Sector & Industry Flow Leaders

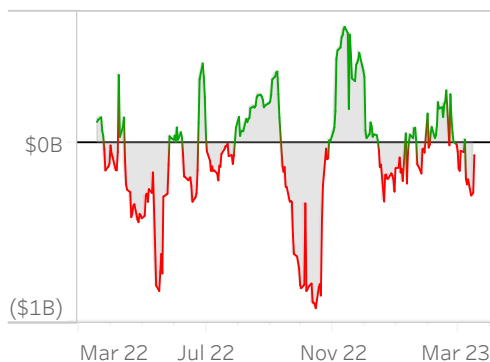
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
KRE	SPDR S&P Regional Banking ETF	\$1,374M	\$1,088M	\$771M	(\$1,191M)	\$3,286M
VGT	Vanguard Information Technology ETF	\$453M	(\$226M)	(\$610M)	\$1,245M	\$43,724M
XLU	Utilities Select Sector SPDR Fund	\$258M	(\$602M)	(\$969M)	\$2,410M	\$14,999M
XLK	Technology Select Sector SPDR Fund	\$213M	(\$2,242M)	(\$2,019M)	(\$327M)	\$40,644M
XRT	SPDR S&P Retail ETF	\$166M	\$342M	\$317M	\$25M	\$548M
IAT	iShares U.S. Regional Banks ETF	\$152M	\$115M	\$54M	(\$354M)	\$640M
XLP	Consumer Staples Select Sector SPDR Fund	\$123M	(\$423M)	\$612M	\$1,786M	\$16,455M
KBE	SPDR S&P Bank ETF	\$121M	(\$144M)	(\$364M)	(\$1,043M)	\$1,361M
XHB	SPDR S&P Homebuilders ETF	\$99M	\$18M	\$30M	(\$397M)	\$982M
XLV	Health Care Select Sector SPDR Fund	\$96M	(\$829M)	\$237M	\$4,893M	\$38,180M

## U.S. Sector & Industry Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLE	Energy Select Sector SPDR Fund	(\$1,031M)	(\$82M)	(\$104M)	(\$2,363M)	\$37,688M
XLF	Financial Select Sector SPDR Fund	(\$404M)	(\$543M)	(\$901M)	(\$8,834M)	\$29,401M
KBWB	Invesco KBW Bank ETF	(\$369M)	\$26M	(\$117M)	(\$392M)	\$1,460M
VFH	Vanguard Financials ETF	(\$194M)	(\$339M)	(\$585M)	(\$2,214M)	\$7,595M
VNQ	Vanguard Real Estate ETF	(\$165M)	(\$836M)	(\$1,435M)	(\$3,257M)	\$32,753M
XLB	Materials Select Sector SPDR Fund	(\$89M)	\$150M	\$7M	(\$1,123M)	\$5,503M
IYG	iShares US Financial Services ETF	(\$75M)	(\$126M)	(\$173M)	(\$816M)	\$1,182M
XLC	Communication Services Select Sector SPDR Fu..	(\$67M)	(\$192M)	(\$102M)	(\$634M)	\$8,845M
IBB	iShares Biotechnology ETF	(\$62M)	(\$499M)	(\$99M)	(\$257M)	\$7,929M
VDE	Vanguard Energy ETF	(\$45M)	\$7M	(\$125M)	(\$1,061M)	\$7,315M

\* 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



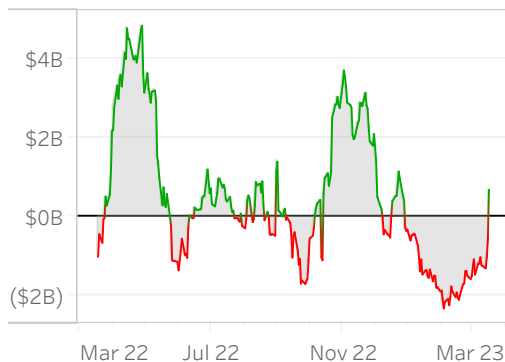
Materials



Real Estate



Technology



Utilities

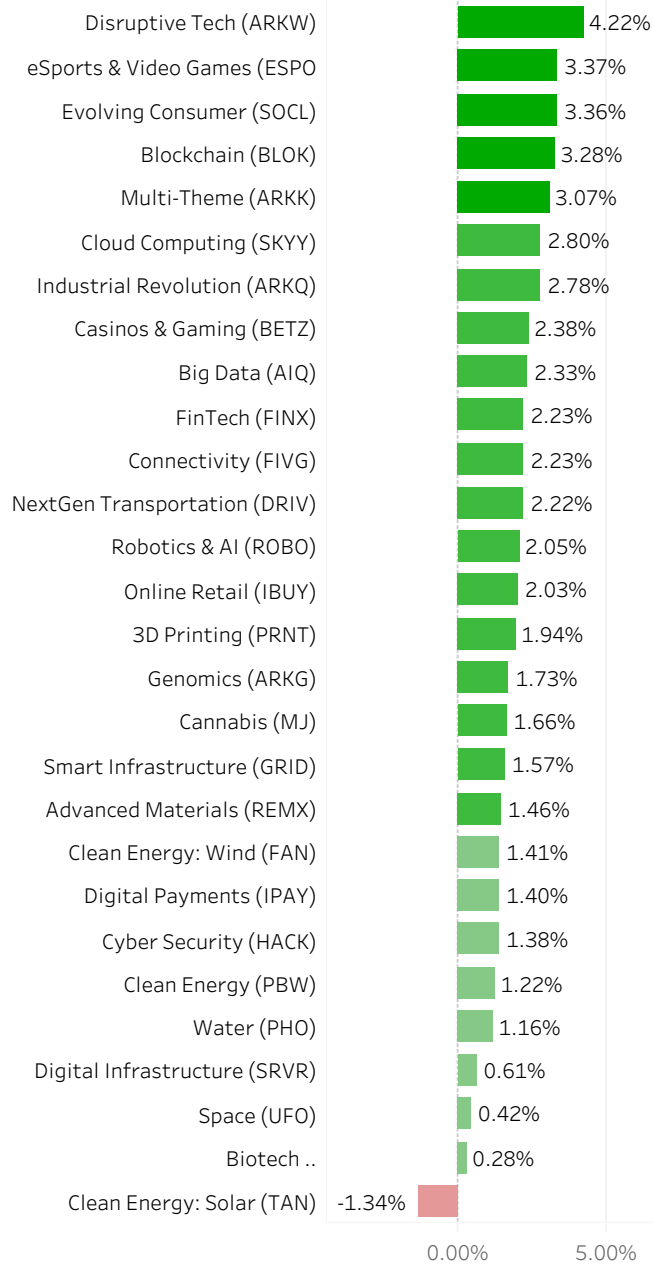


Multi-Sector

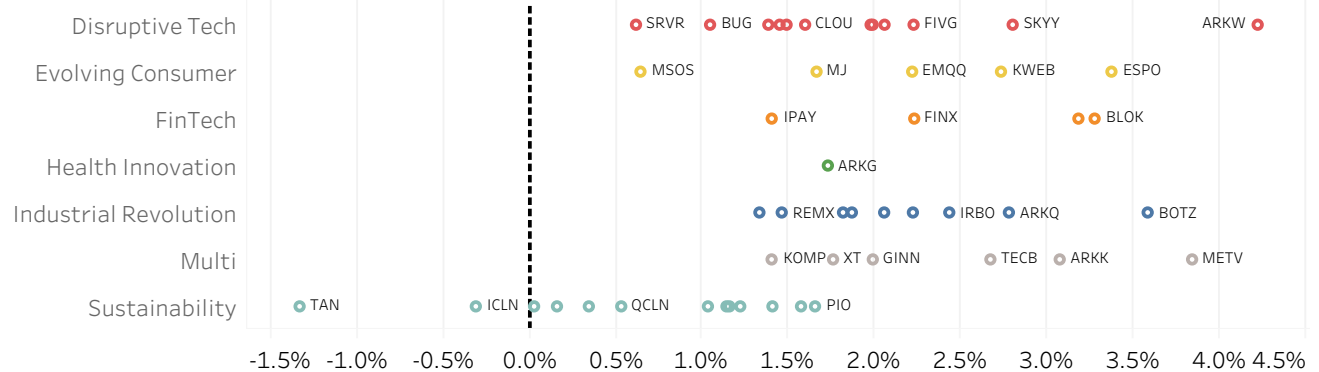


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## Global Thematic Segment 1-Day Performance



## Global Thematic 1-Day Performance Landscape



## Global Thematic 1-Day Performance Leaders

Ticker	Fund	Performance
BKCH	Global X Blockchain ETF	4.77%
ARKW	ARK Next Generation Internet ETF	4.22%
METV	Roundhill Ball Metaverse ETF	3.84%
BOTZ	Global X Robotics & Artificial Intelligence ETF	3.58%
BITQ	Bitwise Crypto Industry Innovators ETF	3.45%
XITK	SPDR FactSet Innovative Technology ETF	3.42%
ESPO	VanEck Video Gaming and eSports ETF	3.37%
SOCL	Global X Social Media ETF	3.36%
BLOK	Amplify Transformational Data Sharing ETF	3.28%
HERO	Global X Video Games & Esports ETF	3.21%

## Thematic Most Overbought

Ticker	Fund	Price
TIME	Clockwise Capital Innovation ETF	61.09
METV	Roundhill Ball Metaverse ETF	60.04
ESPO	VanEck Video Gaming and eSports ETF	59.09
TECB	iShares U.S. Tech Breakthrough Multisector ETF	58.49
ARKW	ARK Next Generation Internet ETF	55.97
GBUY	Goldman Sachs Future Consumer Equity ETF	54.60
NXTG	First Trust Indxx NextG ETF	54.38
BOTZ	Global X Robotics & Artificial Intelligence ETF	54.22
ARKF	ARK Fintech Innovation ETF	53.18
AIQ	Global X Artificial Intelligence & Technology ETF	52.69

## Global Thematic 1-Day Performance Laggards

Ticker	Fund	Performance
TAN	Invesco Solar ETF	-1.34%
MJUS	ETFMG U.S. Alternative Harvest ETF	-1.20%
ICLN	iShares Global Clean Energy ETF	-0.32%
IDNA	iShares Genomics Immunology and Healthcare ETF	-0.09%
RNRG	Global X Renewable Energy Producers ETF	-0.08%
ACES	ALPS Clean Energy ETF	0.02%
CNRG	SPDR S&P Kensho Clean Power ETF	0.16%
SBIO	ALPS Medical Breakthroughs ETF	0.28%
ERTH	Invesco MSCI Sustainable Future ETF	0.34%
UFO	Procore Space ETF	0.42%

## Thematic Most Oversold

Ticker	Fund	Price
MJ	ETFMG Alternative Harvest ETF	26.86
KGRN	KraneShares MSCI China Clean Technology Index ETF	28.78
REMX	VanEck Rare Earth/Strategic Metals ETF	29.38
LIT	Global X Lithium & Battery Tech ETF	31.10
ACES	ALPS Clean Energy ETF	31.44
MJUS	ETFMG U.S. Alternative Harvest ETF	32.10
BATT	Amplify Lithium & Battery Technology ETF	32.12
ERTH	Invesco MSCI Sustainable Future ETF	32.53
PBW	Invesco WilderHill Clean Energy ETF	32.55
KARS	KraneShares Electric Vehicles & Future Mobility Index ETF	33.47

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### Thematic 1 Week Flow Leaders

Ticker	Fund	
ARKK	ARK Innovation ETF	\$399M
FIW	First Trust Water ETF	\$68M
ARKG	ARK Genomic Revolution ETF	\$24M
PBW	Invesco WilderHill Clean Energy ETF	\$17M
MJUS	ETFMG U.S. Alternative Harvest ETF	\$7M
IRBO	iShares Robotics and Artificial Intelligence Multisector ETF	\$6M
TIME	Clockwise Capital Innovation ETF	\$4M
AIQ	Global X Artificial Intelligence & Technology ETF	\$4M
LEGR	First Trust Indxx Innovative Transaction & Process ETF	\$4M
HJEN	Direxion Hydrogen ETF	\$3M

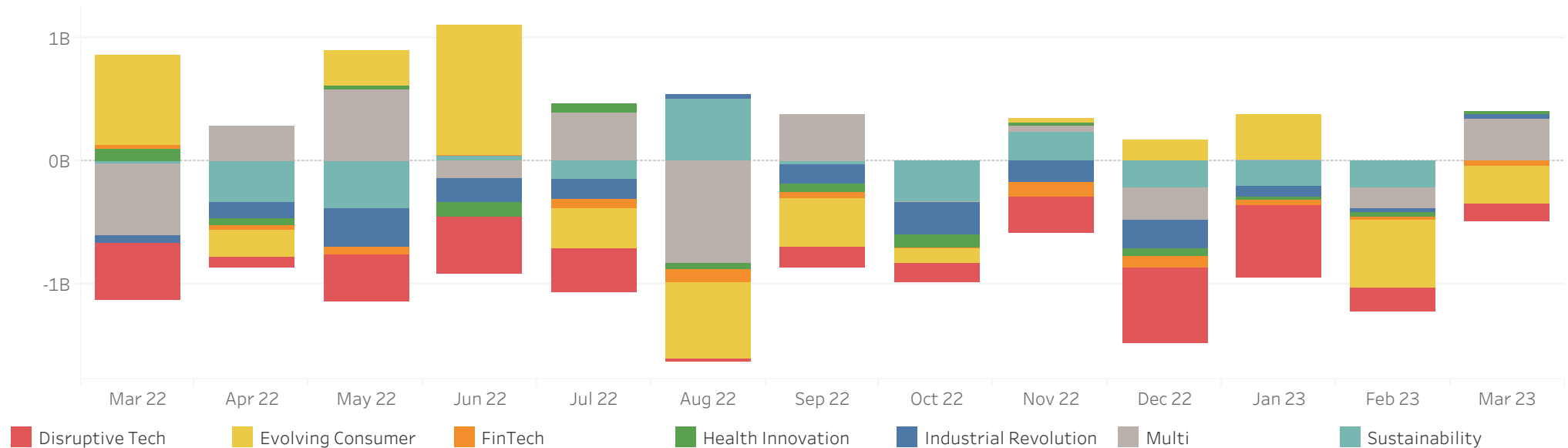
### Thematic 1 Week Flow Laggards

Ticker	Fund	
KWEB	KraneShares CSI China Internet ETF	(\$117M)
BOTZ	Global X Robotics & Artificial Intelligence ETF	(\$41M)
ARKF	ARK Fintech Innovation ETF	(\$23M)
LIT	Global X Lithium & Battery Tech ETF	(\$17M)
VPN	Global X Data Center REITs & Digital Infrastructure ETF	(\$14M)
ICLN	iShares Global Clean Energy ETF	(\$13M)
SKYY	First Trust Cloud Computing ETF	(\$12M)
ARKW	ARK Next Generation Internet ETF	(\$12M)
CIBR	First Trust NASDAQ Cybersecurity ETF	(\$10M)
SNSR	Global X Internet of Things ETF	(\$10M)

### Thematic Landscape Assets & Flows

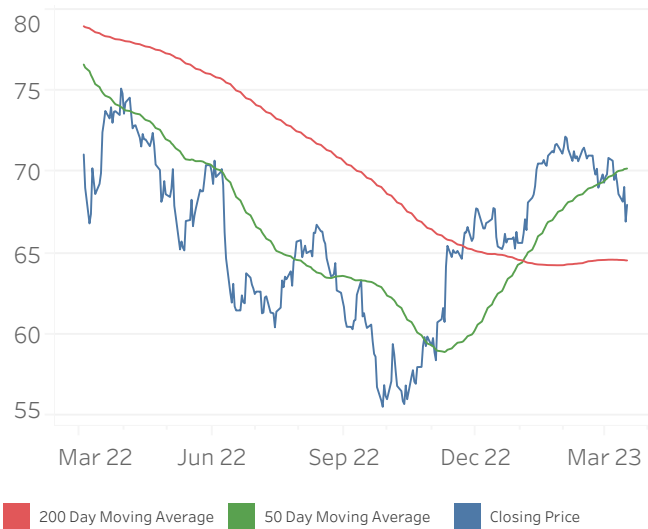
Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	34	\$15B	(\$65M)	(\$1,169M)	(\$2,049M)	(\$3,902M)
Evolving Consumer	45	\$9B	(\$102M)	(\$637M)	(\$735M)	\$100M
FinTech	19	\$2B	(\$25M)	(\$156M)	(\$365M)	(\$604M)
Health Innovation	19	\$3B	(\$1M)	(\$72M)	(\$257M)	(\$323M)
Industrial Revolution	31	\$10B	(\$59M)	(\$231M)	(\$826M)	(\$1,722M)
Multi	41	\$14B	\$447M	(\$121M)	\$427M	\$61M
Sustainability	40	\$17B	\$54M	(\$752M)	(\$932M)	(\$1,074M)
Grand Total	229	\$70B	\$249M	(\$3,138M)	(\$4,736M)	(\$7,464M)

### Thematic Monthly Flows

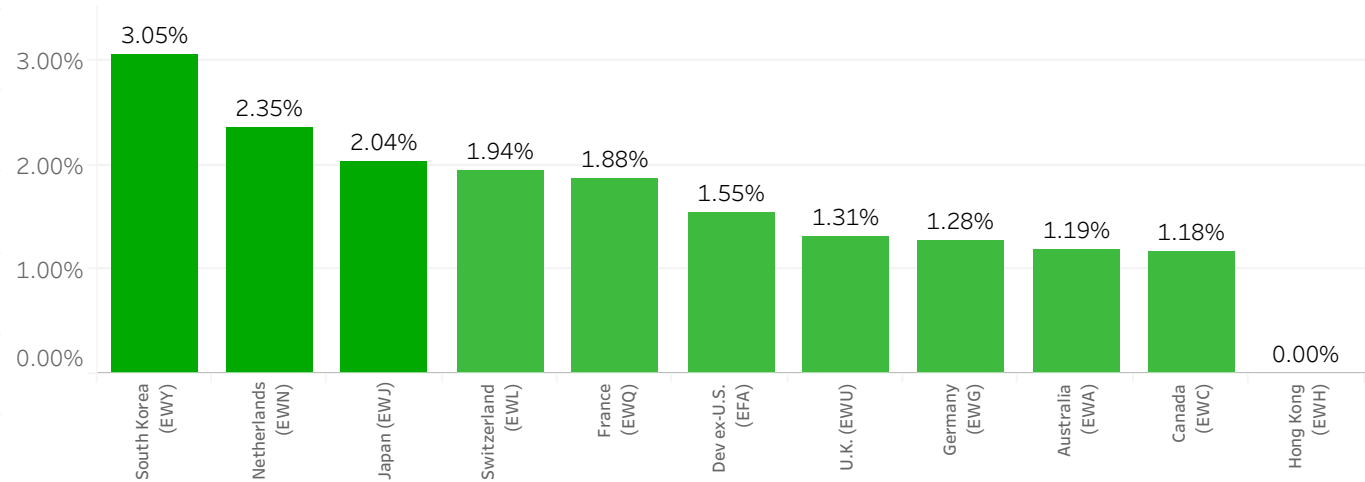


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Developed ex-U.S. (EFA)



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



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



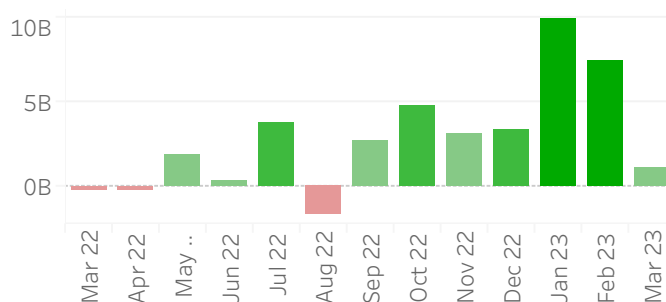
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
EWY	iShares MSCI South Korea ETF	3.05%
FLKR	Franklin FTSE South Korea ETF	3.01%
EIRL	iShares MSCI Ireland ETF	2.57%
EWS	iShares MSCI Singapore ETF	2.38%
EWN	iShares MSCI Netherlands ETF	2.35%
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	2.30%
MINV	Matthews Asia Innovators Active ETF	2.21%
HEWJ	iShares Currency Hedged MSCI Japan ETF	2.17%
IQDG	WisdomTree International Quality Dividend Growth Fund	2.13%
JPNX	iShares JPX-Nikkei 400 ETF	2.12%

Developed ex-U.S. Most Overbought

Ticker	Fund	Value
EIRL	iShares MSCI Ireland ETF	50.36
HEDJ	WisdomTree Europe Hedged Equity Fund	48.28
EFG	iShares MSCI EAFE Growth ETF	47.89
IHDG	WisdomTree International Hedged Quality Dividend Grow..	47.81
IMFL	Invesco International Developed Dynamic Multifactor ETF	47.80
IQDG	WisdomTree International Quality Dividend Growth Fund	47.76
SCJ	iShares MSCI Japan Small-Cap ETF	47.70
EFAV	iShares MSCI EAFE Min Vol Factor ETF	47.49
DFJ	WisdomTree Japan SmallCap Dividend Fund	47.02
EWY	iShares MSCI South Korea ETF	47.00

Developed ex-U.S. Monthly Flows



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

Ticker	Fund	1-Day Performance
ISRA	VanEck Israel ETF	-0.26%
EWH	iShares MSCI Hong Kong ETF	0.00%
EIS	iShares MSCI Israel ETF	0.29%
FDD	First Trust Stoxx European Select Dividend Index Fund	0.35%
IDOG	ALPS International Sector Dividend Dogs ETF	0.38%
EDEN	iShares MSCI Denmark ETF	0.41%
IDV	iShares International Select Dividend ETF	0.41%
DISV	Dimensional International Small Cap Value ETF	0.44%
IVAL	Alpha Architect International Quantitative Value ETF	0.45%
NORW	Global X MSCI Norway ETF	0.47%

Developed ex-U.S. Most Oversold

Ticker	Fund	Value
NORW	Global X MSCI Norway ETF	28.68
IDV	iShares International Select Dividend ETF	32.21
FLCA	Franklin FTSE Canada ETF	32.64
FDD	First Trust Stoxx European Select Dividend Index Fu..	32.80
DFIV	Dimensional International Value ETF	33.56
BBAX	JPMorgan BetaBuilders Developed Asia Pacific-ex Ja..	33.68
AVIV	Avantis International Large Cap Value ETF	33.88
DISV	Dimensional International Small Cap Value ETF	34.16
FYLD	Cambria Foreign Shareholder Yield ETF	34.27
IVAL	Alpha Architect International Quantitative Value ETF	34.31

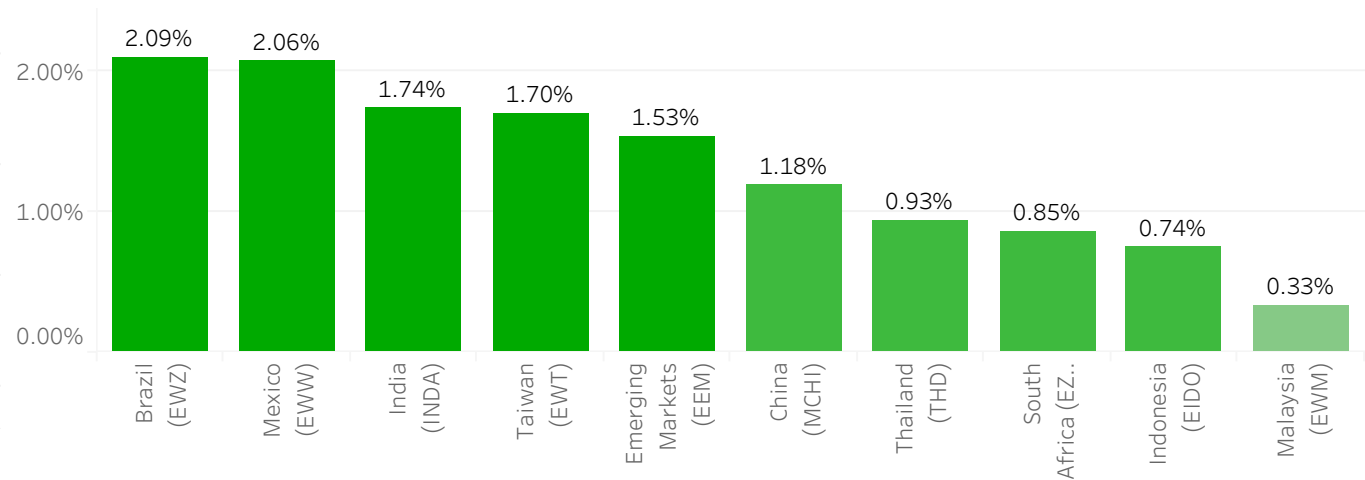
\*ETF Landscape represented using the ETF Action classification system\*\*Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify \*\*\*Flows delayed one day



Emerging (EEM)



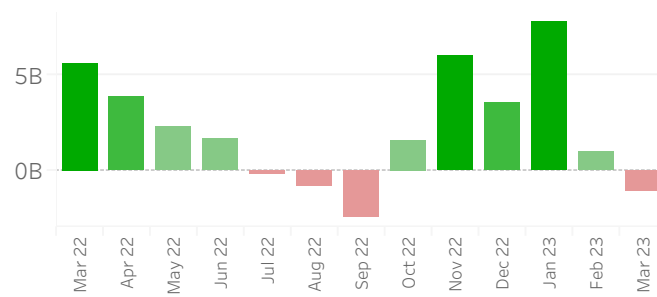
Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Leaders

Ticker	Fund	Performance
TUR	iShares MSCI Turkey ETF	3.29%
PGJ	Invesco Golden Dragon China ETF	2.67%
NUEM	Nuveen ESG Emerging Markets Equity ETF	2.46%
EWZ	iShares MSCI Brazil ETF	2.09%
EWW	iShares MSCI Mexico ETF	2.06%
PIN	Invesco India ETF	2.04%
ILF	iShares Latin America 40 ETF	1.95%
FRDM	Freedom 100 Emerging Markets ETF	1.91%
FLTW	Franklin FTSE Taiwan ETF	1.80%
HEEM	iShares Currency Hedged MSCI Emerging Markets ETF	1.79%

Emerging Most Overbought

Ticker	Fund	Value
TUR	iShares MSCI Turkey ETF	54.70
VNM	VanEck Vietnam ETF	52.31
EDIV	SPDR S&P Emerging Markets Dividend ETF	50.22
FLTW	Franklin FTSE Taiwan ETF	48.55
EWT	iShares MSCI Taiwan ETF	46.76
EWZS	iShares MSCI Brazil Small-Cap ETF	45.18
EWW	iShares MSCI Mexico ETF	44.07
XCEM	Columbia EM Core ex-China ETF	42.82
NFTY	First Trust India NIFTY 50 Equal Weight ETF	42.42
UEVM	VictoryShares Emerging Markets Value Momentum E..	42.33

Emerging 1-Day Performance Laggards

Ticker	Fund	Performance
RAYC	Rayliant Quantamental China Equity ETF	-1.52%
EPU	iShares MSCI Peru ETF	-0.49%
CNYA	iShares MSCI China A ETF	-0.28%
KBA	KraneShares Bosera MSCI China A 50 Connect Index ETF	-0.07%
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	0.00%
EPOL	iShares MSCI Poland ETF	0.00%
EYLD	Cambria Emerging Shareholder Yield ETF	0.18%
EWM	iShares MSCI Malaysia ETF	0.33%
KSA	iShares MSCI Saudi Arabia ETF	0.42%
EWX	SPDR S&P Emerging Markets Small Cap ETF	0.42%

Emerging Most Oversold

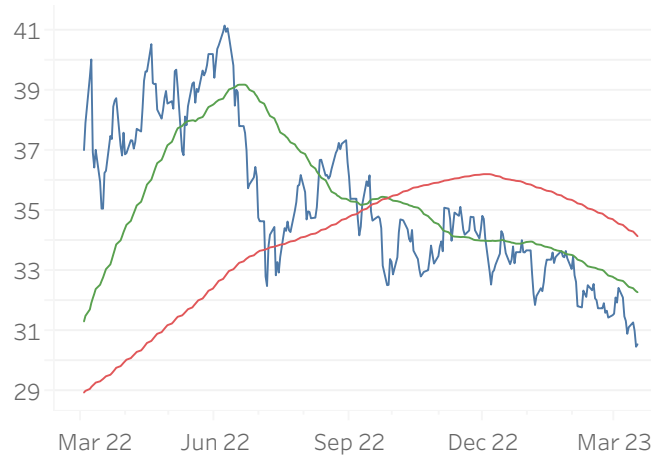
Ticker	Fund	Value
EWM	iShares MSCI Malaysia ETF	27.00
EIDO	iShares MSCI Indonesia ETF	29.85
ECNS	iShares MSCI China Small-Cap ETF	30.52
RAYC	Rayliant Quantamental China Equity ETF	31.29
EPOL	iShares MSCI Poland ETF	33.07
EZA	iShares MSCI South Africa ETF	33.30
EYLD	Cambria Emerging Shareholder Yield ETF	33.62
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	34.26
EWX	SPDR S&P Emerging Markets Small Cap ETF	34.31
THD	iShares MSCI Thailand ETF	35.05

\* 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%	1.38%	2.44%
SHY	1-3 Year Treasury Bonds	-0.40%	1.13%	1.24%
IEF	7-10 Year Treasury Bonds	-0.90%	2.25%	2.85%
TLT	20+ Year Treasury Bonds	-0.78%	3.88%	6.27%
TIP	TIPS Bonds	-1.13%	1.07%	1.83%
FLOT	Floating Rate Bonds	0.83%	-1.10%	0.03%
LQD	Investment Grade Corporate	-0.15%	1.14%	2.59%
HYG	High Yield Corporate	0.65%	-0.01%	1.34%
BKLN	Senior Loan	0.44%	-1.61%	1.80%
PFF	Preferred & Income Securities	2.62%	-5.67%	2.40%
MUB	Municipal Bonds	-0.07%	0.77%	1.67%
MBB	MBS	-0.45%	0.81%	2.09%
EMB	Dollar Denominated EM Bonds	-0.42%	-0.45%	0.79%
LEMB	Local Currency EM Bond	0.36%	-0.86%	0.77%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	0.26%	-4.59%	-9.29%
DBE	Energy	0.51%	-8.29%	-13.72%
USO	WTI Crude Oil	0.05%	-12.27%	-14.35%
BNO	Brent Crude Oil	0.20%	-11.57%	-12.73%
UNG	Natural Gas	2.96%	0.97%	-40.85%
UGA	Gasoline	1.31%	-5.03%	-7.17%
DBP	Precious Metals	0.14%	3.54%	1.65%
GLD	Gold	0.20%	4.58%	5.26%
SLV	Silver	-0.40%	0.40%	-9.54%
PPLT	abrdn Physical Platin..	1.83%	5.74%	-9.07%
PALL	abrdn Physical Palla..	-2.91%	-6.08%	-20.27%
DBB	Base Metals	-0.26%	-5.11%	-0.72%
CPER	Copper	-0.46%	-5.68%	2.17%
LD	Lead	2.57%	1.07%	-10.71%
JJN	Nickel	0.81%	-12.45%	-21.94%
JJU	Aluminum	0.46%	-5.53%	-5.19%
JJT	Tin	0.17%	-17.62%	-11.19%
DBA	Agriculture	0.71%	-2.60%	-1.49%
CORN	Corn	0.49%	-6.79%	-8.28%
SOYB	Soybeans	-0.03%	-3.12%	-4.07%
WEAT	Wheat	-0.28%	-9.11%	-11.28%
CANE	Sugar	0.85%	4.11%	11.65%
BAL	Cotton	-0.01%	-3.29%	-4.93%
NIB	Cocoa	2.70%	-3.34%	2.94%
JO	Coffee	3.93%	-0.33%	8.30%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	-0.11%	0.89%	1.98%
UDN	Short Dollar	0.44%	-0.11%	-0.38%
FXE	Euro	0.34%	-0.48%	-0.69%
FXB	British Pound Sterling	0.48%	1.17%	0.78%
FXF	Swiss Franc	0.17%	-0.52%	-0.70%
FXJ	Japanese Yen	-0.21%	0.32%	-1.79%
FXC	Canadian Dollar	0.18%	-1.78%	-0.95%
FXA	Australian Dollar	0.72%	-3.10%	-2.05%

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