

Large Cap Blend (S&P 500) IVV



Mid Cap Blend (S&P 400) IJH

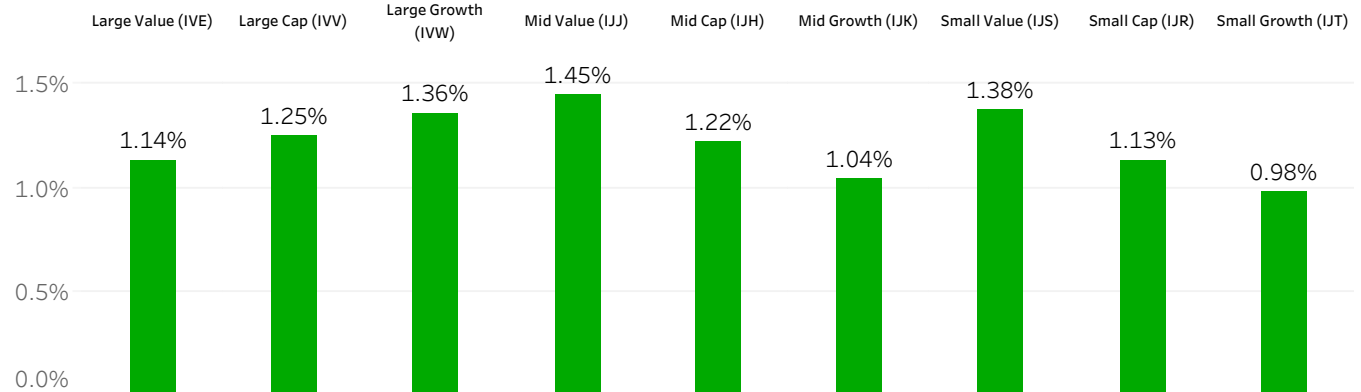


Small Cap Blend (S&P 600) IJR



■ 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	Performance
MGK	Vanguard Mega Cap Growth ETF	2.11%
SCHG	Schwab U.S. Large-Cap Growth ETF	2.10%
IPO	Renaissance IPO ETF	2.07%
VUG	Vanguard Growth ETF	2.03%
FPX	First Trust US Equity Opportunities ETF	2.02%
WINN	Harbor Long-Term Growers ETF	2.02%
ISCG	iShares Morningstar Small-Cap Growth ETF	1.97%
ONEQ	Fidelity Nasdaq Composite Index ETF	1.90%
VOT	Vanguard Mid-Cap Growth ETF	1.90%
ILCG	iShares Morningstar Growth ETF	1.88%

Size & Style Most Overbought

Ticker	Fund	Value
RFV	Invesco S&P Midcap 400 Pure Value ETF	71.91
RPV	Invesco S&P 500 Pure Value ETF	70.99
FNK	First Trust Mid Cap Value AlphaDEX Fund	68.25
RZV	Invesco S&P Smallcap 600 Pure Value ETF	67.96
SDOG	ALPS Sector Dividend Dogs ETF	67.83
IJJ	iShares S&P Mid-Cap 400 Value ETF	67.71
SDVY	First Trust SMID Cap Rising Dividend Achievers ETF	67.54
FTA	First Trust Large Cap Value AlphaDEX Fund	67.29
DGRS	WisdomTree US Smallcap Quality Dividend Growth Fund	67.28
MDYV	SPDR S&P 400 Mid Cap Value ETF	67.08

Size & Style 1-Day Performance Laggards

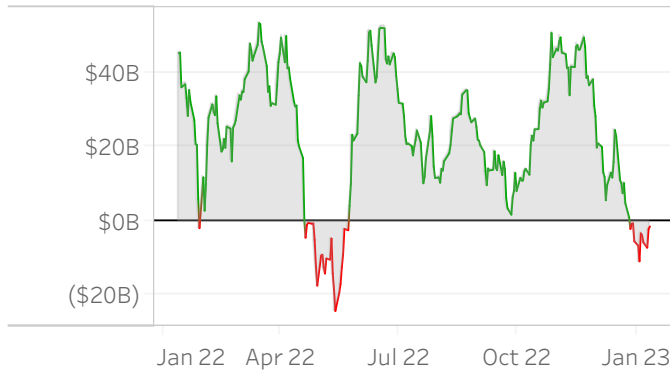
Ticker	Fund	Performance
WBIG	WBI BullBear Yield 3000 ETF	-0.08%
SPC	CrossingBridge Pre-Merger SPAC ETF	-0.05%
ONOF	Global X Adaptive U.S. Risk Management ETF	-0.04%
QMOM	Momentumshares US Quantitative Momentum ETF	-0.02%
DIVZ	TrueShares Low Volatility Equity Income ETF	0.08%
PTLC	Pacer Trendpilot US Large Cap ETF	0.11%
CFO	VictoryShares US 500 Enhanced Volatility Wtd ETF	0.11%
HDV	iShares Core High Dividend ETF	0.13%
DURA	VanEck Durable High Dividend ETF	0.16%
CSF	VictoryShares US Discovery Enhanced Volatility Wtd ETF	0.25%

Size & Style Most Oversold

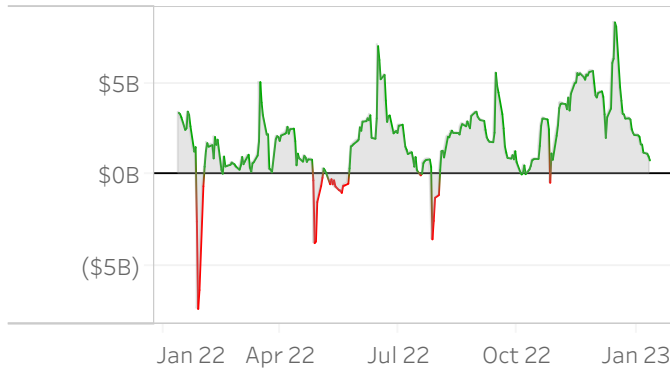
Ticker	Fund	Value
PTLC	Pacer Trendpilot US Large Cap ETF	39.71
QMOM	Momentumshares US Quantitative Momentum E..	40.46
WBIG	WBI BullBear Yield 3000 ETF	40.56
ONOF	Global X Adaptive U.S. Risk Management ETF	45.05
FFTY	Innovator IBD 50 ETF	45.96
RPHS	Regents Park Hedged Market Strategy ETF	46.04
CFO	VictoryShares US 500 Enhanced Volatility Wtd ETF	47.55
SPC	CrossingBridge Pre-Merger SPAC ETF	47.76
MTUM	iShares MSCI USA Momentum Factor ETF	47.97
AUSF	Global X Adaptive U.S. Factor ETF	48.84

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

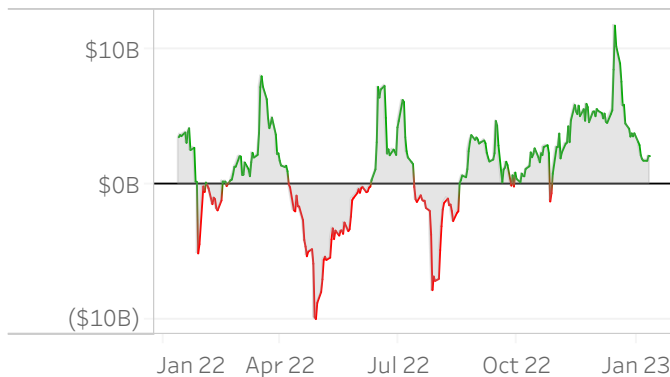
Large-Cap 30-Day Rolling Flows



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	\$1,202B	\$0.18B	\$7.98B	\$36.46B	\$61.89B
Large Cap, Beta, Beta: Growth	10	\$216B	(\$0.79B)	\$8.00B	\$14.26B	\$21.65B
Large Cap, Beta, Beta: Value	11	\$227B	(\$0.76B)	\$0.67B	\$2.47B	\$18.60B
Mid Cap, Beta, Beta	10	\$183B	\$0.05B	\$4.74B	\$7.03B	\$11.66B
Mid Cap, Beta, Beta: Growth	6	\$32B	(\$0.07B)	\$0.21B	\$1.03B	\$0.73B
Mid Cap, Beta, Beta: Value	6	\$41B	(\$0.28B)	\$1.04B	\$1.47B	\$1.51B
Small Cap, Beta, Beta	13	\$192B	(\$0.30B)	\$2.34B	\$4.85B	\$0.60B
Small Cap, Beta, Beta: Growth	7	\$31B	(\$0.10B)	\$0.91B	\$0.86B	\$1.90B
Small Cap, Beta, Beta: Value	7	\$51B	(\$0.07B)	\$1.11B	(\$0.30B)	(\$2.49B)

U.S. Size & Style Flow Leaders

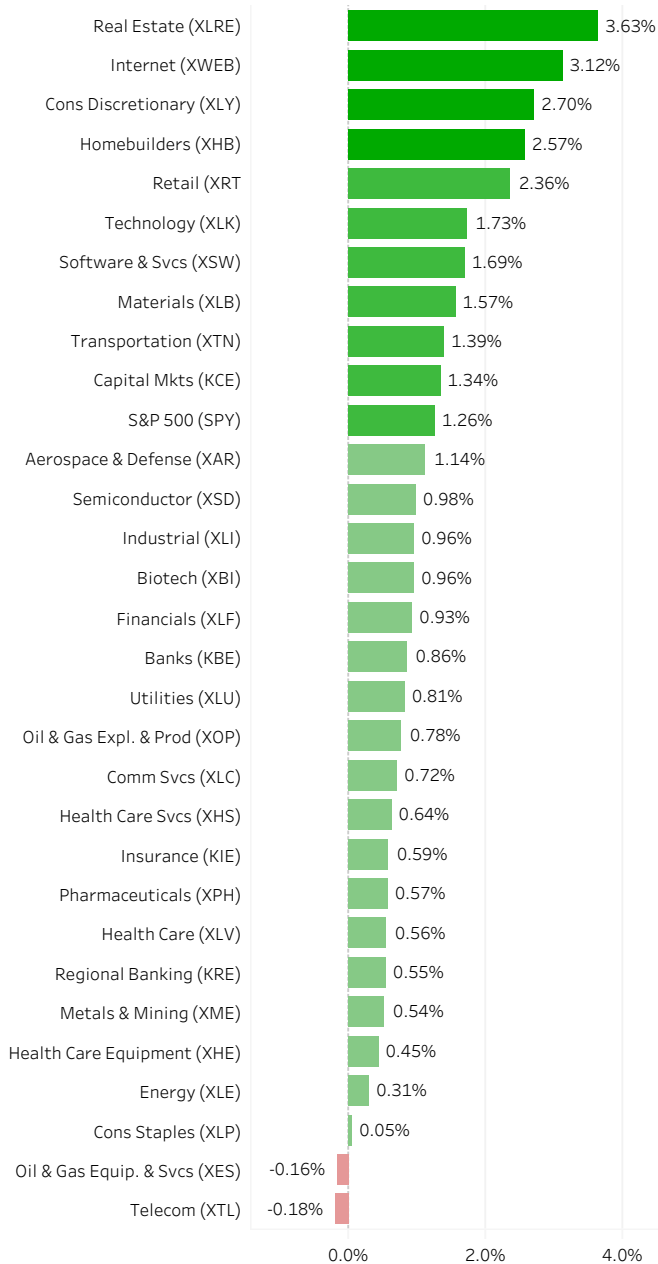
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
SPY	SPDR S&P 500 ETF Trust	\$1.73B	\$6.11B	\$11.73B	(\$13.29B)	\$364.82B
SCHD	Schwab US Dividend Equity ETF	\$0.43B	\$4.72B	\$8.43B	\$15.42B	\$46.38B
VOO	Vanguard S&P 500 ETF	\$0.37B	\$2.39B	\$13.51B	\$41.44B	\$268.28B
VTI	Vanguard Total Stock Market ETF	\$0.21B	\$5.41B	\$13.08B	\$25.04B	\$267.44B
RSP	Invesco S&P 500 Equal Weight ETF	\$0.21B	\$2.43B	\$2.33B	\$4.59B	\$34.05B
COWZ	Pacer US Cash Cows 100 ETF	\$0.14B	\$2.61B	\$4.15B	\$9.44B	\$10.92B
QQQM	Invesco NASDAQ 100 ETF	\$0.12B	\$1.17B	\$1.99B	\$3.48B	\$5.85B
VTV	Vanguard Value ETF	\$0.11B	(\$3.56B)	(\$1.51B)	\$10.37B	\$101.49B
VB	Vanguard Small-Cap ETF	\$0.10B	\$0.35B	\$0.32B	(\$0.05B)	\$42.19B
DFUV	Dimensional US Marketwide Value ETF	\$0.10B	\$0.22B	\$0.36B	\$0.46B	\$8.38B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
QQQ	Invesco QQQ Trust	(\$1.01B)	(\$3.31B)	(\$2.00B)	\$0.35B	\$147.61B
IWF	iShares Russell 1000 Growth ETF	(\$0.88B)	\$1.96B	\$2.33B	\$2.93B	\$59.14B
IVV	iShares Core S&P 500 ETF	(\$0.80B)	(\$0.35B)	\$5.33B	\$20.37B	\$294.47B
IWD	iShares Russell 1000 Value ETF	(\$0.70B)	\$0.24B	\$0.07B	(\$0.22B)	\$54.71B
IWM	iShares Russell 2000 ETF	(\$0.49B)	(\$0.11B)	\$0.29B	(\$2.87B)	\$52.83B
USMV	iShares MSCI USA Min Vol Factor ETF	(\$0.29B)	\$0.06B	\$2.25B	\$2.48B	\$30.02B
IJJ	iShares S&P Mid-Cap 400 Value ETF	(\$0.20B)	\$0.05B	\$0.19B	(\$0.68B)	\$7.60B
VIG	Vanguard Dividend Appreciation ETF	(\$0.17B)	\$1.12B	\$1.47B	\$3.58B	\$66.29B
IVE	iShares S&P 500 Value ETF	(\$0.16B)	\$0.50B	\$0.08B	\$1.97B	\$25.42B
IWB	iShares Russell 1000 ETF	(\$0.16B)	\$0.53B	\$1.08B	\$1.45B	\$28.06B

* 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	-2.61%	23.10%	2.85%	8.54%	62.48
XLV	Health Care Select Sector SPDR Fund	-5.29%	12.84%	-0.29%	3.40%	48.85
XLE	Energy Select Sector SPDR Fund	-6.31%	35.18%	-0.35%	8.41%	54.64
XLP	Consumer Staples Select Sector SPDR Fund	-6.94%	12.75%	0.10%	1.70%	50.57
XLU	Utilities Select Sector SPDR Fund	-7.73%	17.17%	2.94%	1.30%	58.60
XLB	Materials Select Sector SPDR Fund	-8.37%	23.25%	3.90%	5.80%	64.65
XLF	Financial Select Sector SPDR Fund	-12.82%	18.12%	2.74%	5.93%	65.21
SPY	SPDR S&P 500 ETF Trust	-14.31%	10.93%	1.28%	0.02%	58.91
XLK	Technology Select Sector SPDR Fund	-21.27%	10.81%	0.46%	-3.15%	56.08
XLRE	Real Estate Select Sector SPDR Fund	-22.23%	16.52%	4.18%	-3.63%	62.91
XLY	Consumer Discretionary Select Sector SPDR Fund	-27.86%	9.43%	0.98%	-7.64%	60.59
XLC	Communication Services Select Sector SPDR Fund	-32.16%	13.65%	5.22%	-4.83%	67.11

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
NURE	Nuveen Short-Term REIT ETF	4.41%
REZ	iShares Residential and Multisector Real Estate E..	4.06%
INDS	Pacer Industrial Real Estate ETF	3.96%
EWRE	Invesco S&P 500 Equal Weight Real Estate ETF	3.93%
JPRE	JPMorgan Realty Income ETF	3.78%
RWR	SPDR Dow Jones REIT ETF	3.78%
FRI	First Trust S&P REIT Index Fund	3.78%
BBRE	JPMorgan BetaBuilders MSCI U.S. REIT ETF	3.74%
ICF	iShares Cohen & Steers REIT ETF	3.72%
PPTY	US Diversified Real Estate ETF	3.68%

Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
ITB	iShares U.S. Home Construction ETF	71.53
FXD	First Trust Consumer Discretionary AlphaDEX Fund	70.73
FXZ	First Trust Materials AlphaDEX Fund	70.55
IYZ	iShares U.S. Telecommunications ETF	70.18
XHB	SPDR S&P Homebuilders ETF	69.37
RCD	Invesco S&P 500 Equal Weight Consumer Discretionary ..	69.22
PEJ	Invesco Dynamic Leisure & Entertainment ETF	68.34
IYM	iShares U.S. Basic Materials ETF	67.61
IYG	iShares US Financial Services ETF	67.46
VOX	Vanguard Communication Services ETF	67.31

Sector & Industry 1 Day Performance Laggards

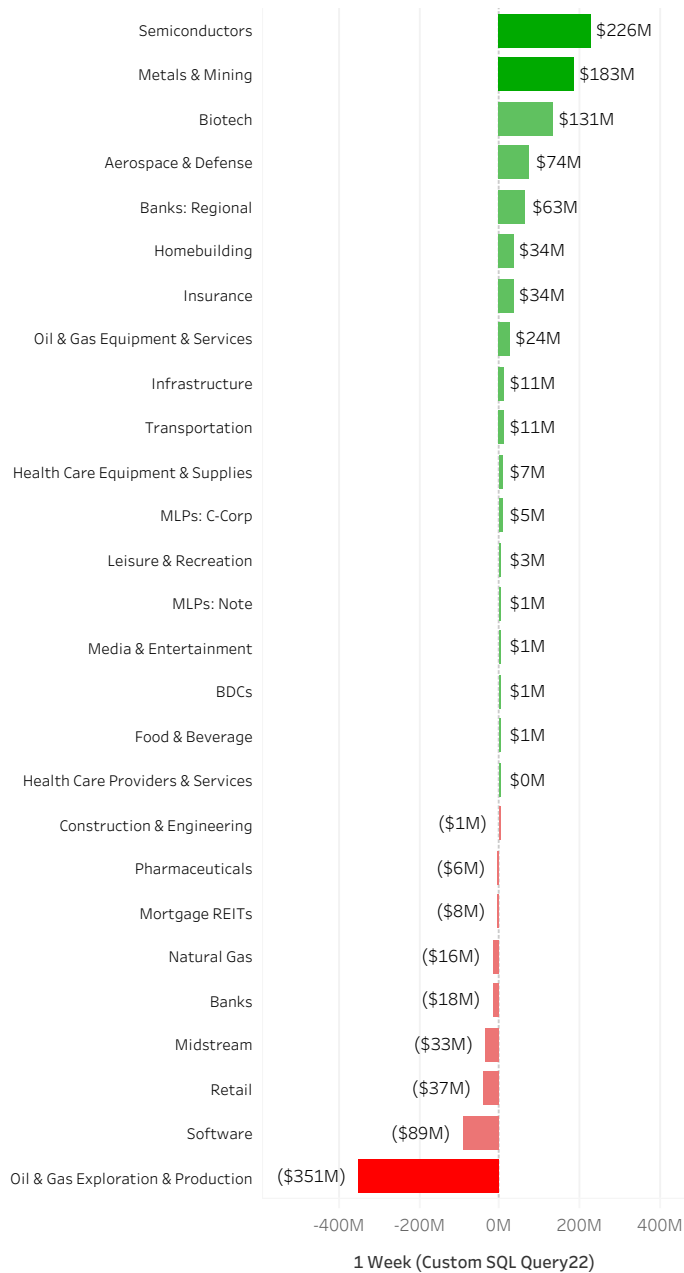
Ticker	Fund	1 Day Performance
KBWP	Invesco KBW Property & Casualty Insurance ETF	-0.58%
IGN	iShares North American Tech-Multimedia Networking ..	-0.51%
PXJ	Invesco Dynamic Oil & Gas Services ETF	-0.19%
XTL	SPDR S&P Telecom ETF	-0.18%
XES	SPDR S&P Oil & Gas Equipment & Services ETF	-0.16%
IEZ	iShares U.S. Oil Equipment & Services ETF	-0.14%
IYK	iShares U.S. Consumer Staples ETF	-0.07%
FBT	First Trust NYSE Arca Biotechnology Index Fund	-0.02%
XLP	Consumer Staples Select Sector SPDR Fund	0.05%
PJP	Invesco Dynamic Pharmaceuticals ETF	0.07%

Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
PINK	Simplify Health Care ETF	39.06
IHF	iShares U.S. Healthcare Providers ETF	42.18
PXE	Invesco Dynamic Energy Exploration & Production ETF	46.46
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	47.38
IYK	iShares U.S. Consumer Staples ETF	47.47
FXN	First Trust Energy AlphaDEX Fund	48.07
FCG	First Trust Natural Gas ETF	48.37
PXI	Invesco DWA Energy Momentum ETF	48.74
XLV	Health Care Select Sector SPDR Fund	48.85
IEO	iShares U.S. Oil & Gas Exploration & Production ETF	49.46

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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	\$12B	\$84M	\$389M	(\$143M)	(\$958M)
Consumer Discretionary	12	\$20B	\$18M	(\$729M)	(\$472M)	(\$6,166M)
Consumer Staples	10	\$30B	\$78M	\$2,010M	\$3,220M	\$7,258M
Energy	32	\$80B	(\$247M)	\$406M	(\$765M)	(\$2,487M)
Financials	26	\$60B	\$243M	\$1,196M	\$65M	(\$15,990M)
Health Care	23	\$96B	(\$256M)	\$3,292M	\$2,904M	\$10,043M
Industrial	13	\$32B	\$909M	\$2,327M	\$1,597M	(\$1,977M)
Materials	9	\$14B	\$384M	\$288M	(\$1,724M)	(\$1,546M)
Multi-Sector	19	\$13B	\$78M	(\$169M)	(\$1,786M)	(\$7,082M)
Real Estate	25	\$60B	(\$388M)	\$29M	(\$1,480M)	(\$6,237M)
Technology	23	\$112B	(\$910M)	\$1,584M	\$423M	(\$2,006M)
Utilities	9	\$26B	(\$133M)	(\$794M)	\$677M	\$5,015M

U.S. Sector & Industry Flow Leaders

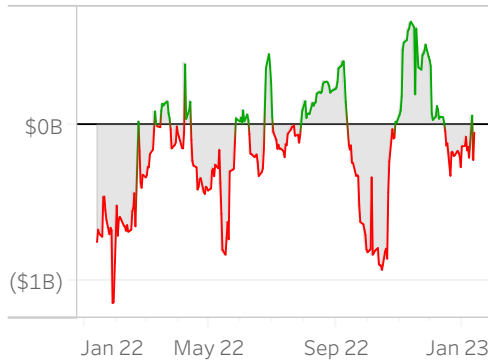
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLI	Industrial Select Sector SPDR Fund	\$802M	\$1,365M	\$1,024M	(\$2,554M)	\$14,857M
SOXX	iShares Semiconductor ETF	\$241M	\$67M	(\$189M)	(\$360M)	\$6,553M
XLC	Communication Services Select Sector SPDR Fu..	\$222M	\$452M	(\$198M)	(\$613M)	\$8,627M
XLB	Materials Select Sector SPDR Fund	\$219M	\$125M	(\$912M)	(\$1,930M)	\$5,756M
XME	SPDR S&P Metals & Mining ETF	\$183M	\$359M	\$43M	\$130M	\$2,365M
XLF	Financial Select Sector SPDR Fund	\$176M	\$1,818M	\$995M	(\$8,960M)	\$32,997M
XLE	Energy Select Sector SPDR Fund	\$160M	(\$449M)	(\$230M)	(\$2,475M)	\$40,806M
XBI	SPDR S&P BIOTECH ETF	\$98M	\$1,166M	\$743M	\$3,448M	\$8,387M
XLY	Consumer Discretionary Select Sector SPDR Fu..	\$93M	(\$558M)	\$69M	(\$2,724M)	\$13,307M
XLP	Consumer Staples Select Sector SPDR Fund	\$76M	\$1,466M	\$2,068M	\$3,667M	\$17,540M

U.S. Sector & Industry Flow Laggards

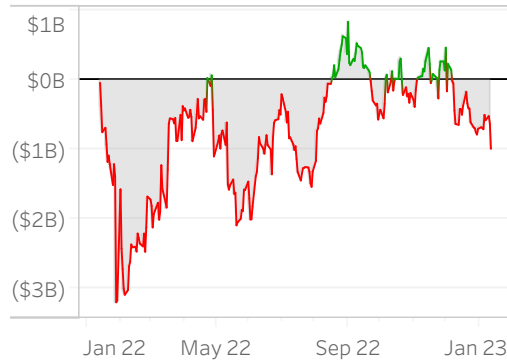
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLK	Technology Select Sector SPDR Fund	(\$601M)	\$356M	\$787M	\$302M	\$38,378M
VGT	Vanguard Information Technology ETF	(\$461M)	(\$11M)	(\$703M)	(\$760M)	\$39,675M
XLV	Health Care Select Sector SPDR Fund	(\$343M)	\$1,491M	\$1,502M	\$6,142M	\$41,292M
XOP	SPDR S&P Oil & Gas Exploration & Production E..	(\$342M)	\$255M	(\$496M)	(\$1,152M)	\$4,235M
IYR	iShares U.S. Real Estate ETF	(\$207M)	\$317M	(\$332M)	(\$2,674M)	\$3,657M
VNQ	Vanguard Real Estate ETF	(\$201M)	(\$435M)	(\$1,410M)	(\$2,901M)	\$34,018M
XLU	Utilities Select Sector SPDR Fund	(\$156M)	(\$608M)	\$291M	\$3,359M	\$16,557M
IYZ	iShares U.S. Telecommunications ETF	(\$99M)	(\$53M)	\$14M	(\$56M)	\$372M
IGV	iShares Expanded Tech-Software Sector ETF	(\$89M)	(\$201M)	(\$100M)	\$278M	\$4,351M
VHT	Vanguard Health Care ETF	(\$68M)	\$225M	\$485M	\$878M	\$17,157M

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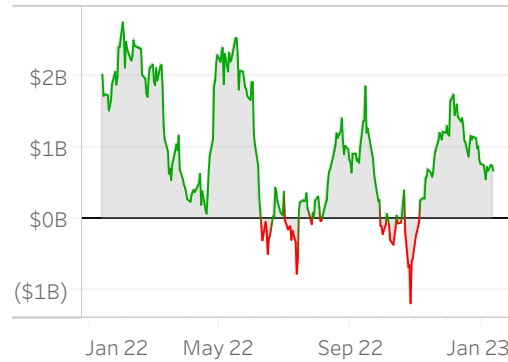
Communication Services



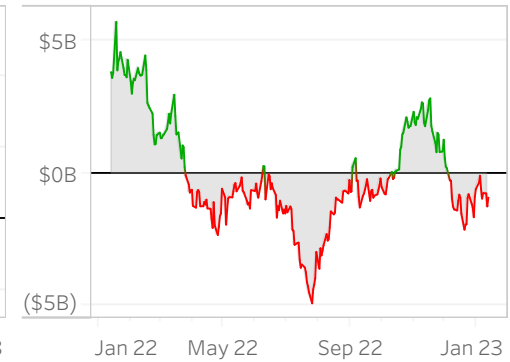
Consumer Discretionary



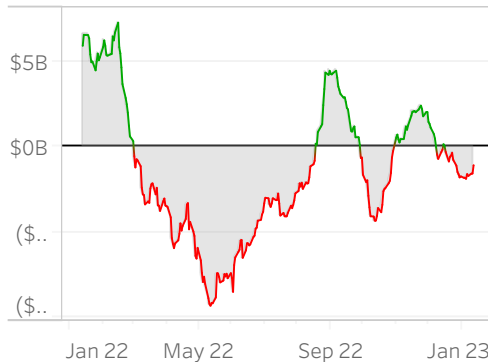
Consumer Staples



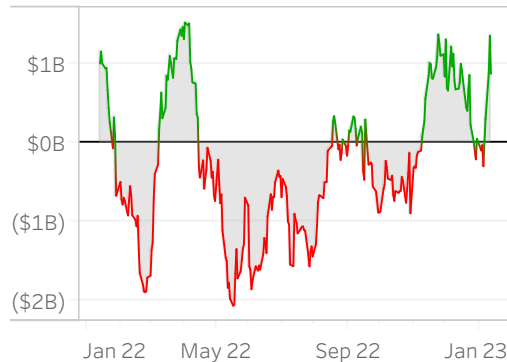
Energy



Financials



Industrial



Health Care



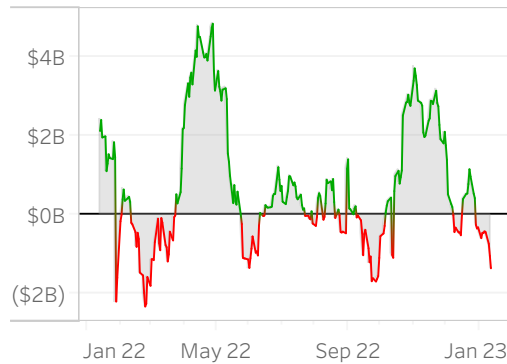
Materials



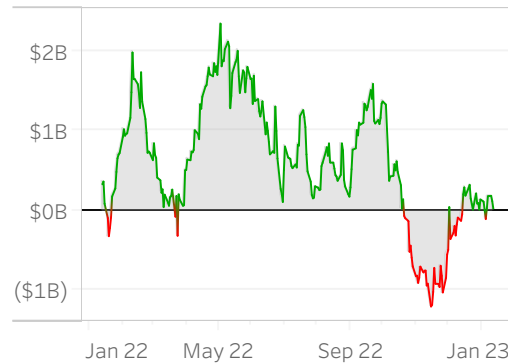
Real Estate



Technology



Utilities

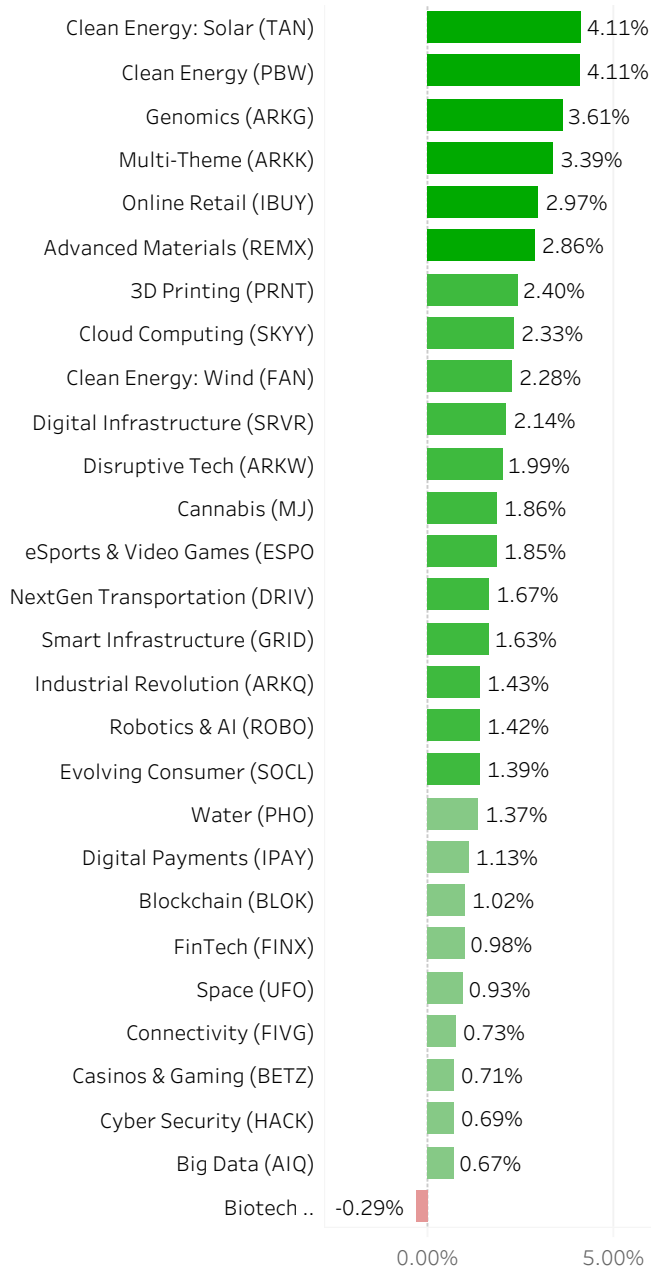


Multi-Sector

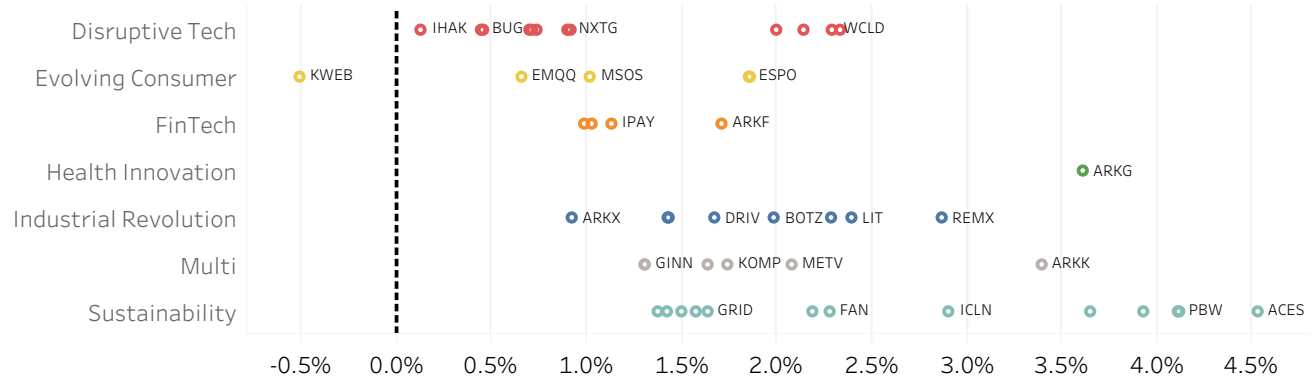


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Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
ACES	ALPS Clean Energy ETF	4.53%
CTEC	Global X CleanTech ETF	4.15%
TAN	Invesco Solar ETF	4.11%
PBW	Invesco WilderHill Clean Energy ETF	4.11%
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	3.93%
ONLN	ProShares Online Retail ETF	3.68%
CNRG	SPDR S&P Kensho Clean Power ETF	3.65%
ARKG	ARK Genomic Revolution ETF	3.61%
ARKK	ARK Innovation ETF	3.39%
IBUY	Amplify Online Retail ETF	2.97%

Thematic Most Overbought

Ticker	Fund	Price
SOCL	Global X Social Media ETF	74.12
EMQQ	EMQQ The Emerging Markets Internet & Ecommerce ETF	72.52
EBIZ	Global X E-Commerce ETF	72.07
AWAY	ETFMG Travel Tech ETF	70.11
LEGR	First Trust Indxx Innovative Transaction & Process ETF	69.52
FAN	First Trust Global Wind Energy ETF	69.15
KWEB	KraneShares CSI China Internet ETF	69.01
IBUY	Amplify Online Retail ETF	68.16
GBUY	Goldman Sachs Future Consumer Equity ETF	68.08
ONLN	ProShares Online Retail ETF	68.00

Global Thematic 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
KWEB	KraneShares CSI China Internet ETF	-0.51%
SBIO	ALPS Medical Breakthroughs ETF	-0.29%
BJK	VanEck Gaming ETF	-0.29%
GDOC	Goldman Sachs Future Health Care Equity ETF	0.12%
IHAK	iShares Cybersecurity & Tech ETF	0.12%
HERO	Global X Video Games & Esports ETF	0.15%
KGRN	KraneShares MSCI China Clean Technology Index ETF	0.17%
AWAY	ETFMG Travel Tech ETF	0.23%
EDOC	Global X Telemedicine & Digital Health ETF Registered	0.33%
IDNA	iShares Genomics Immunology and Healthcare ETF	0.39%

Thematic Most Oversold

Ticker	Fund	Price
MSOS	AdvisorShares Pure US Cannabis ETF	37.41
MJUS	ETFMG U.S. Alternative Harvest ETF	38.83
BUG	Global X Cybersecurity ETF	40.02
YOLO	AdvisorShares Pure Cannabis ETF	41.94
MJ	ETFMG Alternative Harvest ETF	42.78
HACK	ETFMG Prime Cyber Security ETF	44.18
IHAK	iShares Cybersecurity & Tech ETF	44.35
CIBR	First Trust NASDAQ Cybersecurity ETF	46.30
IDNA	iShares Genomics Immunology and Healthcare ETF	50.47
SAMT	Strategas Macro Thematic Opportunities ETF	50.95

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Thematic 1 Week Flow Leaders

Ticker	Fund	
KWEB	KraneShares CSI China Internet ETF	\$111M
ARKG	ARK Genomic Revolution ETF	\$34M
ARKW	ARK Next Generation Internet ETF	\$23M
KOMP	SPDR S&P Kensho New Economies Composite ETF	\$9M
BOTZ	Global X Robotics & Artificial Intelligence ETF	\$6M
ONLN	ProShares Online Retail ETF	\$3M
HTEC	ROBO Global Healthcare Technology and Innovation ETF	\$3M
AGNG	Global X Aging Population ETF	\$3M
GCLN	Goldman Sachs Bloomberg Clean Energy Equity ETF	\$2M
EBIZ	Global X E-Commerce ETF	\$1M

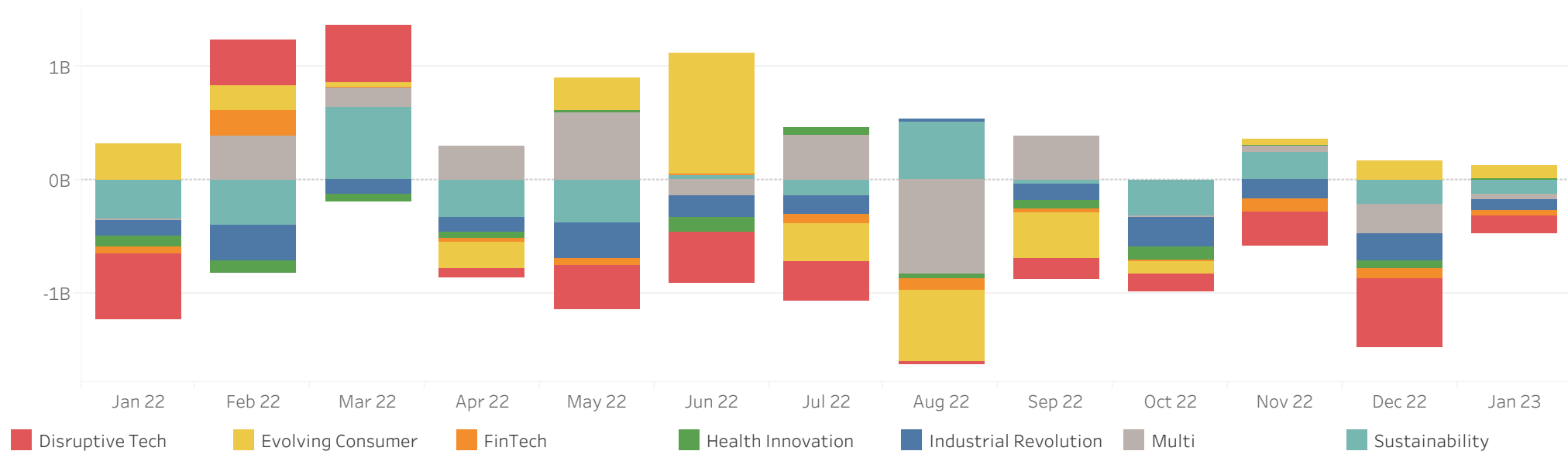
Thematic 1 Week Flow Laggards

Ticker	Fund	
ICLN	iShares Global Clean Energy ETF	(\$45M)
BUG	Global X Cybersecurity ETF	(\$45M)
ARKK	ARK Innovation ETF	(\$43M)
LIT	Global X Lithium & Battery Tech ETF	(\$33M)
SRVR	Pacer Data & Infrastructure Real Estate ETF	(\$23M)
SKYY	First Trust Cloud Computing ETF	(\$14M)
REMX	VanEck Rare Earth/Strategic Metals ETF	(\$12M)
FINX	Global X FinTech ETF	(\$12M)
TAN	Invesco Solar ETF	(\$12M)
CIBR	First Trust NASDAQ Cybersecurity ETF	(\$11M)

Thematic Landscape Assets & Flows

Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	35	\$15B	(\$81M)	(\$1,218M)	(\$1,537M)	(\$2,358M)
Evolving Consumer	46	\$11B	\$82M	\$170M	(\$1,274M)	\$554M
FinTech	21	\$2B	(\$1M)	(\$252M)	(\$467M)	(\$393M)
Health Innovation	19	\$3B	\$36M	(\$110M)	(\$365M)	(\$612M)
Industrial Revolution	31	\$10B	(\$70M)	(\$680M)	(\$958M)	(\$2,278M)
Multi	41	\$13B	\$8M	(\$14M)	(\$638M)	\$939M
Sustainability	40	\$18B	(\$59M)	(\$411M)	(\$140M)	(\$875M)
Grand Total	233	\$72B	(\$84M)	(\$2,514M)	(\$5,378M)	(\$5,023M)

Thematic Monthly Flows

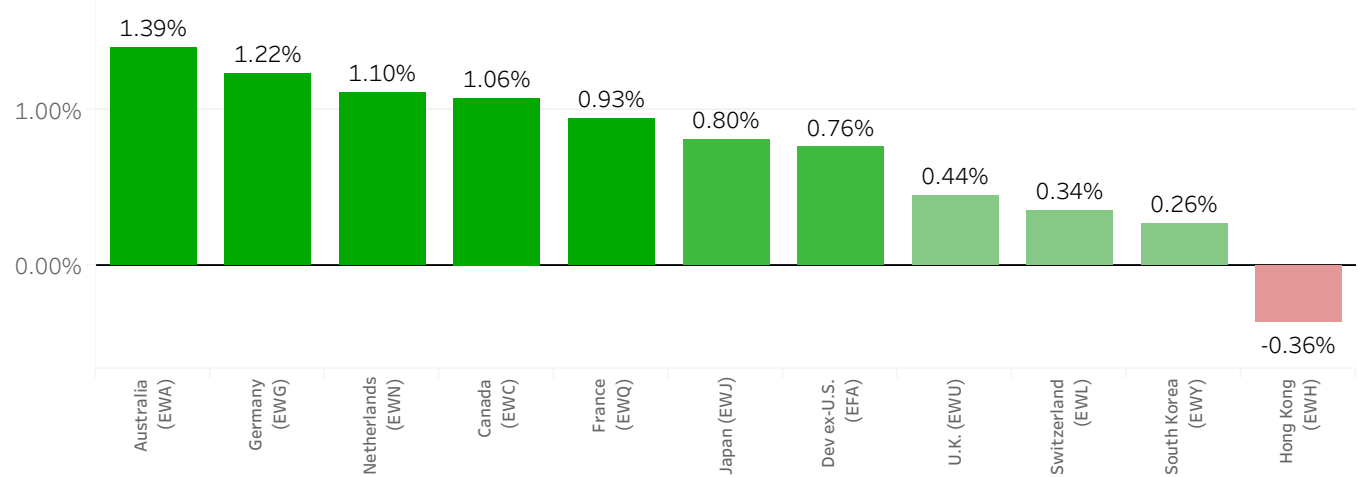


* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

Developed ex-U.S. (EFA)



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



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



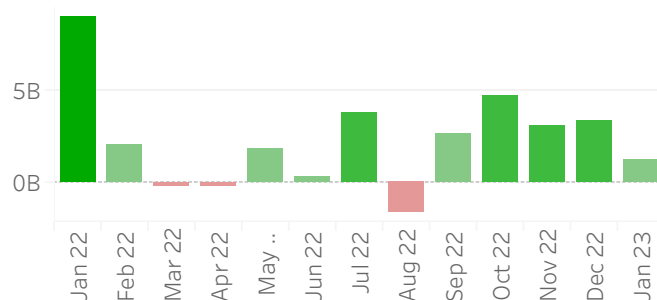
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
FDT	First Trust Developed Markets ex-US AlphaDEX Fund	1.73%
CIL	VictoryShares International Volatility Wtd ETF	1.64%
EWA	iShares MSCI Australia ETF	1.39%
ISRA	VanEck Israel ETF	1.39%
EWD	iShares MSCI Sweden ETF	1.27%
EWG	iShares MSCI Germany ETF	1.22%
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	1.19%
FEZ	SPDR EURO STOXX 50 ETF	1.15%
TOK	iShares MSCI Kokusai ETF	1.12%
EWN	iShares MSCI Netherlands ETF	1.10%

Developed ex-U.S. Most Overbought

Ticker	Fund	Value
EWP	iShares MSCI Spain ETF	76.12
EIRL	iShares MSCI Ireland ETF	75.97
EWG	iShares MSCI Germany ETF	75.37
AIA	iShares Asia 50 ETF	73.63
IMFL	Invesco International Developed Dynamic Multifactor ETF	73.56
EZU	iShares MSCI Eurozone ETF	73.28
EWQ	iShares MSCI France ETF	72.00
HEDJ	WisdomTree Europe Hedged Equity Fund	71.99
EWI	iShares MSCI Italy ETF	71.84
FEZ	SPDR EURO STOXX 50 ETF	71.71

Developed ex-U.S. Monthly Flows



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

Ticker	Fund	1-Day Performance
ENZL	iShares MSCI New Zealand ETF	-0.38%
EWH	iShares MSCI Hong Kong ETF	-0.36%
NORW	Global X MSCI Norway ETF	-0.31%
IMOM	Alpha Architect International Quantitative Momentum ETF	-0.26%
FJP	First Trust Japan AlphaDEX Fund	-0.21%
GREK	Global X MSCI Greece ETF	-0.11%
MINV	Matthews Asia Innovators Active ETF	-0.06%
FIDI	Fidelity International High Dividend ETF	-0.01%
FSZ	First Trust Switzerland AlphaDEX Fund	0.02%
IDV	iShares International Select Dividend ETF	0.04%

Developed ex-U.S. Most Oversold

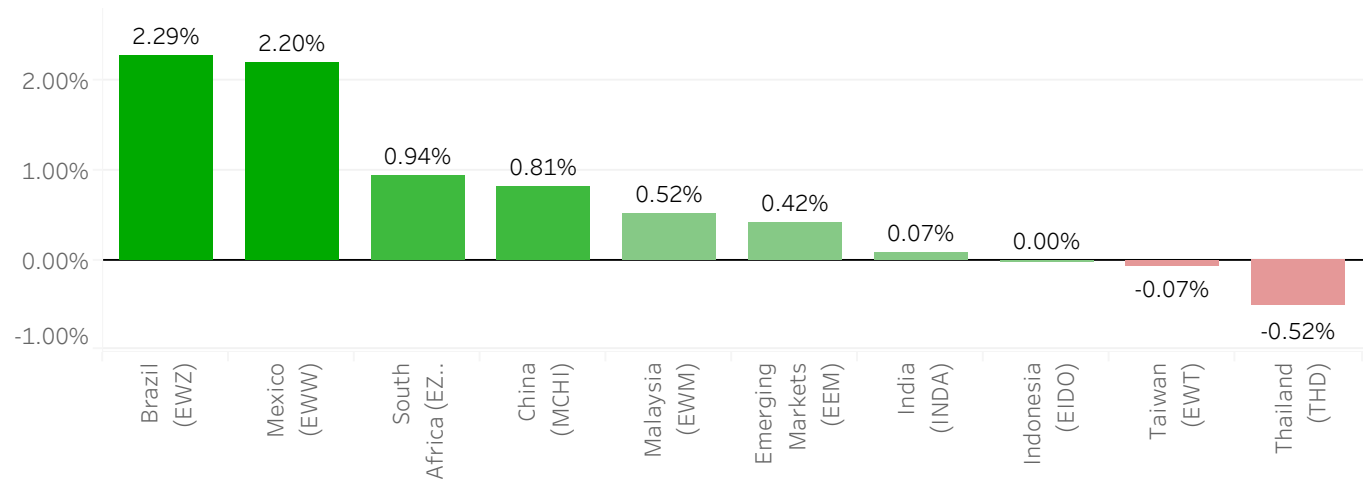
Ticker	Fund	Value
HEWJ	iShares Currency Hedged MSCI Japan ETF	30.62
IMOM	Alpha Architect International Quantitative Momentum ETF	43.42
NORW	Global X MSCI Norway ETF	45.71
IVAL	Alpha Architect International Quantitative Value ETF	46.05
HSCZ	iShares Currency Hedged MSCI EAFE Small-Cap ETF	48.83
DXJ	WisdomTree Japan Hedged Equity Fund	49.55
FJP	First Trust Japan AlphaDEX Fund	50.53
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	51.55
HEFA	iShares Currency Hedged MSCI EAFE ETF	51.97
EWJV	iShares MSCI Japan Value ETF	52.53

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

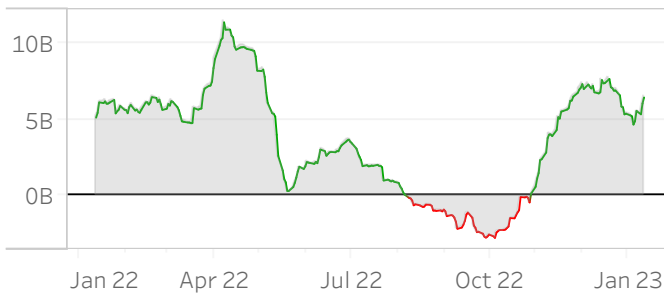
Emerging (EEM)



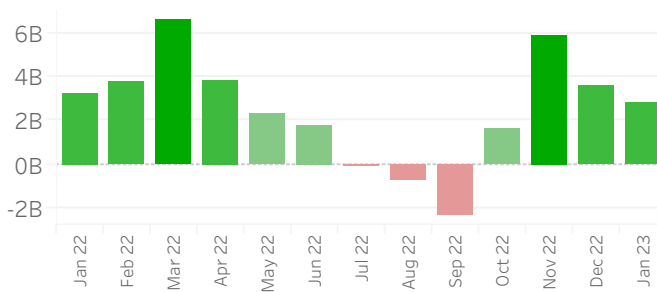
Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
ECH	iShares MSCI Chile ETF	3.36%
EWZS	iShares MSCI Brazil Small-Cap ETF	2.55%
EWZ	iShares MSCI Brazil ETF	2.29%
FLLA	Franklin FTSE Latin America ETF	2.28%
ILF	iShares Latin America 40 ETF	2.24%
FLN	First Trust Latin America AlphaDEX Fund	2.24%
EWW	iShares MSCI Mexico ETF	2.20%
FLBR	Franklin FTSE Brazil ETF	2.19%
DVYE	iShares Emerging Markets Dividend ETF	1.15%
EEMA	iShares MSCI Emerging Markets Asia ETF	1.08%

Emerging Most Overbought

Ticker	Fund	Price
EPU	iShares MSCI Peru ETF	76.24
ADRE	Invesco BLDRS Emerging Markets 50 ADR Index Fund	73.48
BKF	iShares MSCI BIC ETF	73.03
PXH	Invesco FTSE RAFI Emerging Markets ETF	73.02
MCHI	iShares MSCI China ETF	72.94
EEMA	iShares MSCI Emerging Markets Asia ETF	72.39
EDIV	SPDR S&P Emerging Markets Dividend ETF	72.34
FLCH	Franklin FTSE China ETF	72.28
GXC	SPDR S&P China ETF	71.91
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	71.89

Emerging 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
TUR	iShares MSCI Turkey ETF	-3.86%
EMXF	iShares ESG Advanced MSCI EM ETF	-3.25%
QAT	iShares MSCI Qatar ETF	-1.48%
EEMV	iShares MSCI Emerging Markets Min Vol Factor ETF	-1.43%
EELV	Invesco S&P Emerging Markets Low Volatility ETF	-1.17%
EPOL	iShares MSCI Poland ETF	-0.83%
EPHE	iShares MSCI Philippines ETF	-0.75%
FEMS	First Trust Emerging Markets Small Cap AlphaDEX Fund	-0.65%
THD	iShares MSCI Thailand ETF	-0.52%
NFTY	First Trust India NIFTY 50 Equal Weight ETF	-0.45%

Emerging Most Oversold

Ticker	Fund	Price
PIN	Invesco India ETF	32.83
EIDO	iShares MSCI Indonesia ETF	36.99
TUR	iShares MSCI Turkey ETF	38.30
INDY	iShares India 50 ETF	45.10
NFTY	First Trust India NIFTY 50 Equal Weight ETF	46.86
INDA	iShares MSCI India ETF	49.72
FLIN	Franklin FTSE India ETF	50.80
QAT	iShares MSCI Qatar ETF	51.94
FEMS	First Trust Emerging Markets Small Cap AlphaDEX F..	52.07
SMIN	iShares MSCI India Small Cap ETF	52.28

*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	0.62%	1.02%	2.66%
SHY	1-3 Year Treasury Bonds	0.09%	0.57%	0.53%
IEF	7-10 Year Treasury Bonds	0.64%	1.00%	2.99%
TLT	20+ Year Treasury Bonds	1.63%	-0.37%	6.15%
TIP	TIPS Bonds	0.43%	0.08%	1.63%
FLOT	Floating Rate Bonds	-0.02%	0.72%	0.16%
LQD	Investment Grade Corporate	0.86%	0.98%	3.95%
HYG	High Yield Corporate	0.66%	2.10%	3.50%
BKLN	Senior Loan	0.38%	2.31%	2.63%
PFF	Preferred & Income Securities	0.84%	4.04%	5.80%
MUB	Municipal Bonds	0.33%	1.20%	1.68%
MBB	MBS	0.70%	1.56%	2.84%
EMB	Dollar Denominated EM Bonds	1.14%	1.44%	2.85%
LEMB	Local Currency EM Bond	0.24%	2.96%	2.31%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	0.96%	-1.72%	-3.11%
DBE	Energy	2.72%	2.80%	-3.53%
USO	WTI Crude Oil	3.26%	8.27%	-2.94%
BNO	Brent Crude Oil	3.69%	8.04%	-3.54%
UNG	Natural Gas	2.54%	-39.15%	-16.88%
UGA	Gasoline	4.84%	17.51%	-2.04%
DBP	Precious Metals	-0.28%	3.43%	1.67%
GLD	Gold	-0.07%	4.53%	2.94%
SLV	Silver	-0.83%	-0.05%	-2.13%
PPLT	abrdn Physical Platin..	-1.15%	4.30%	-0.38%
PALL	abrdn Physical Palla..	-0.18%	-8.90%	-0.37%
DBB	Base Metals	1.40%	3.36%	7.92%
CPER	Copper	2.63%	9.08%	9.74%
LD	Lead	-0.44%	0.94%	-5.18%
JJN	Nickel	-5.63%	-9.58%	-13.51%
JJU	Aluminum	1.09%	0.53%	3.62%
JJT	Tin	2.78%	10.46%	5.94%
DBA	Agriculture	-0.26%	-0.49%	-3.87%
CORN	Corn	0.15%	0.93%	-3.53%
SOYB	Soybeans	0.29%	-0.04%	-2.07%
WEAT	Wheat	1.22%	0.54%	-6.14%
CANE	Sugar	0.20%	-0.32%	-1.89%
BAL	Cotton	-0.09%	4.48%	1.30%
NIB	Cocoa	0.94%	6.09%	1.87%
JO	Coffee	-4.20%	-8.76%	-14.12%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	0.00%	-1.29%	-0.22%
UDN	Short Dollar	0.11%	1.85%	0.38%
FXE	Euro	0.17%	2.19%	0.48%
FXB	British Pound Sterling	-0.05%	-0.74%	0.67%
FXF	Swiss Franc	-0.94%	0.33%	-0.78%
FXJ	Japanese Yen	-0.30%	3.13%	-0.97%
FXC	Canadian Dollar	0.08%	1.98%	0.98%
FXA	Australian Dollar	0.19%	1.74%	1.45%

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