

Large Cap Blend (S&P 500) IVV



Mid Cap Blend (S&P 400) IJH

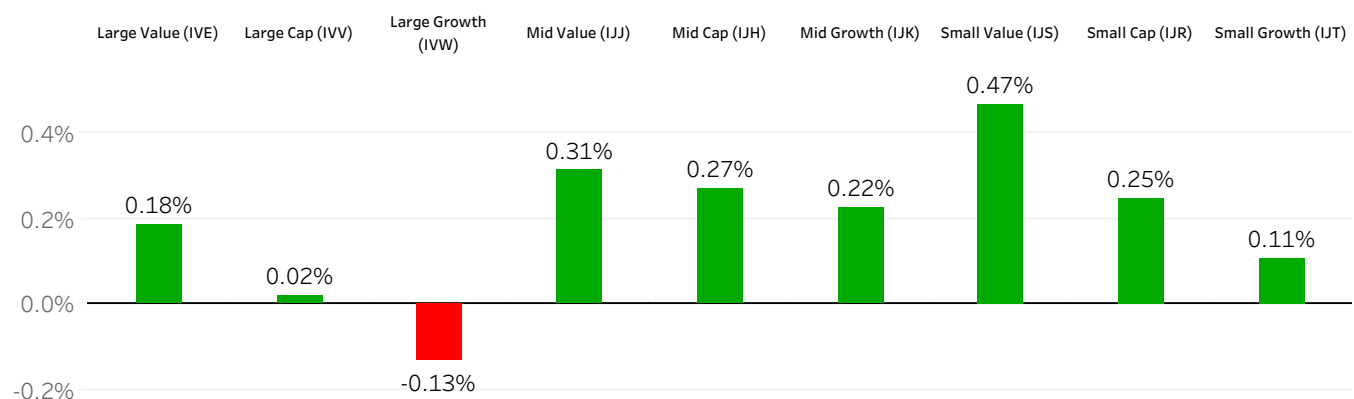


Small Cap Blend (S&P 600) IJR



■ 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
RPV	Invesco S&P 500 Pure Value ETF	1.17%
RZV	Invesco S&P Smallcap 600 Pure Value ETF	1.13%
RDVY	First Trust Rising Dividend Achievers ETF	1.11%
DUSA	Davis Select U.S. Equity ETF	1.02%
PKW	Invesco Buyback Achievers ETF	1.00%
CALF	Pacer US Small Cap Cash Cows 100 ETF	0.93%
EQRR	ProShares Equities for Rising Rates ETF	0.92%
RWJ	Invesco S&P SmallCap 600 Revenue ETF	0.88%
VLUE	iShares MSCI USA Value Factor ETF	0.85%
OMFS	Invesco Russell 2000 Dynamic Multifactor ETF	0.80%

Size & Style Most Overbought

Ticker	Fund	Price
LSAT	Leadershars Alphafactor Tactical Focused ETF	72.58
RFV	Invesco S&P Midcap 400 Pure Value ETF	70.15
RZV	Invesco S&P Smallcap 600 Pure Value ETF	67.93
GVIP	Goldman Sachs Hedge Industry VIP ETF	67.59
DUSA	Davis Select U.S. Equity ETF	67.19
SQEW	LeaderShares Equity Skew ETF	66.95
SPHB	Invesco S&P 500 High Beta ETF	66.91
CGGR	Capital Group Growth ETF	66.77
FNK	First Trust Mid Cap Value AlphaDEX Fund	66.16
FYT	First Trust Small Cap Value AlphaDEX Fund	66.05

Size & Style 1-Day Performance Laggards

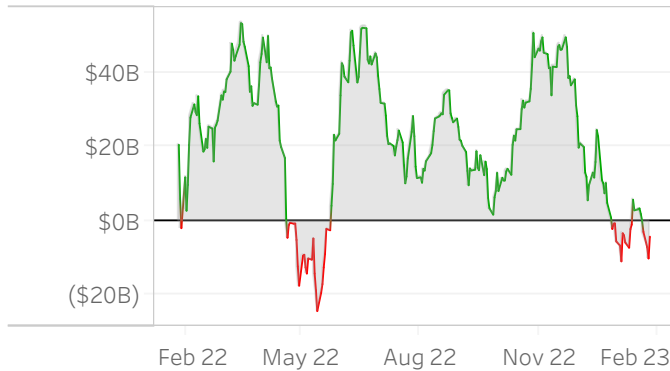
Ticker	Fund	1-Day Performance
TMFS	Motley Fool Small-Cap Growth ETF	-1.02%
RFDA	RiverFront Dynamic US Dividend Advantage ETF	-0.71%
XSLV	Invesco S&P SmallCap Low Volatility ETF	-0.57%
QMOM	Momentumshares US Quantitative Momentum ETF	-0.47%
NOBL	ProShares S&P 500 Dividend Aristocrats ETF	-0.40%
SPUS	SP Funds S&P 500 Sharia Industry Exclusions ETF	-0.37%
RECS	Columbia Research Enhanced Core ETF	-0.34%
DJD	Invesco Dow Jones Industrial Average Dividend ETF	-0.31%
QQH	HCM Defender 100 Index ETF	-0.31%
TMFC	Motley Fool 100 Index ETF	-0.31%

Size & Style Most Oversold

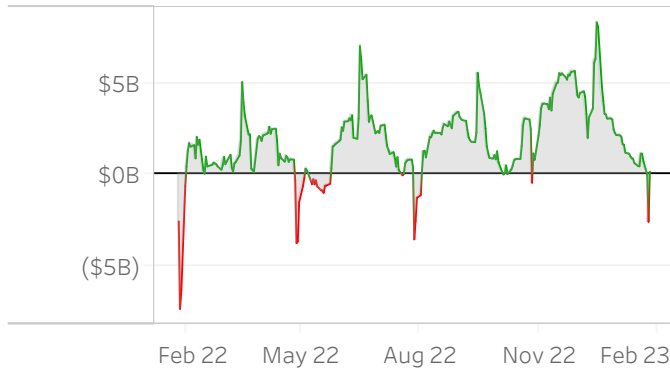
Ticker	Fund	Price
WBIG	WBI BullBear Yield 3000 ETF	40.47
HUSV	First Trust Horizon Managed Volatility Domestic ETF	44.49
XRLV	Invesco S&P 500 ex-Rate Sensitive Low Volatility ETF	44.83
SPLV	Invesco S&P 500 Low Volatility ETF	44.98
ALTL	Pacer Lunt Large Cap Alternator ETF	45.72
DURA	VanEck Durable High Dividend ETF	46.17
RPHS	Regents Park Hedged Market Strategy ETF	46.29
AUSF	Global X Adaptive U.S. Factor ETF	47.18
DVOL	First Trust Dorsey Wright Momentum & Low Volatili..	47.59
FTCS	First Trust Capital Strength ETF	47.79

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

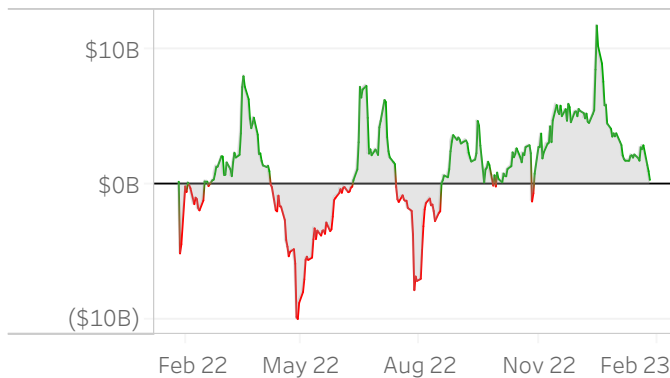
Large-Cap 30-Day Rolling Flows



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	\$1,235B	(\$0.17B)	(\$8.58B)	\$22.57B	\$69.57B
Large Cap, Beta, Beta: Growth	10	\$226B	(\$0.56B)	\$6.23B	\$11.70B	\$22.97B
Large Cap, Beta, Beta: Value	11	\$227B	(\$0.15B)	(\$1.15B)	\$2.09B	\$15.85B
Mid Cap, Beta, Beta	10	\$189B	\$0.02B	\$3.59B	\$6.76B	\$11.40B
Mid Cap, Beta, Beta: Growth	6	\$33B	(\$0.29B)	(\$0.18B)	\$0.60B	\$0.51B
Mid Cap, Beta, Beta: Value	6	\$42B	(\$0.30B)	(\$0.21B)	\$0.91B	\$0.85B
Small Cap, Beta, Beta	13	\$199B	(\$0.49B)	\$3.07B	\$5.51B	(\$0.10B)
Small Cap, Beta, Beta: Growth	7	\$33B	(\$0.13B)	\$0.53B	\$0.98B	\$1.78B
Small Cap, Beta, Beta: Value	7	\$52B	(\$0.07B)	\$1.04B	\$1.31B	(\$3.12B)

U.S. Size & Style Flow Leaders

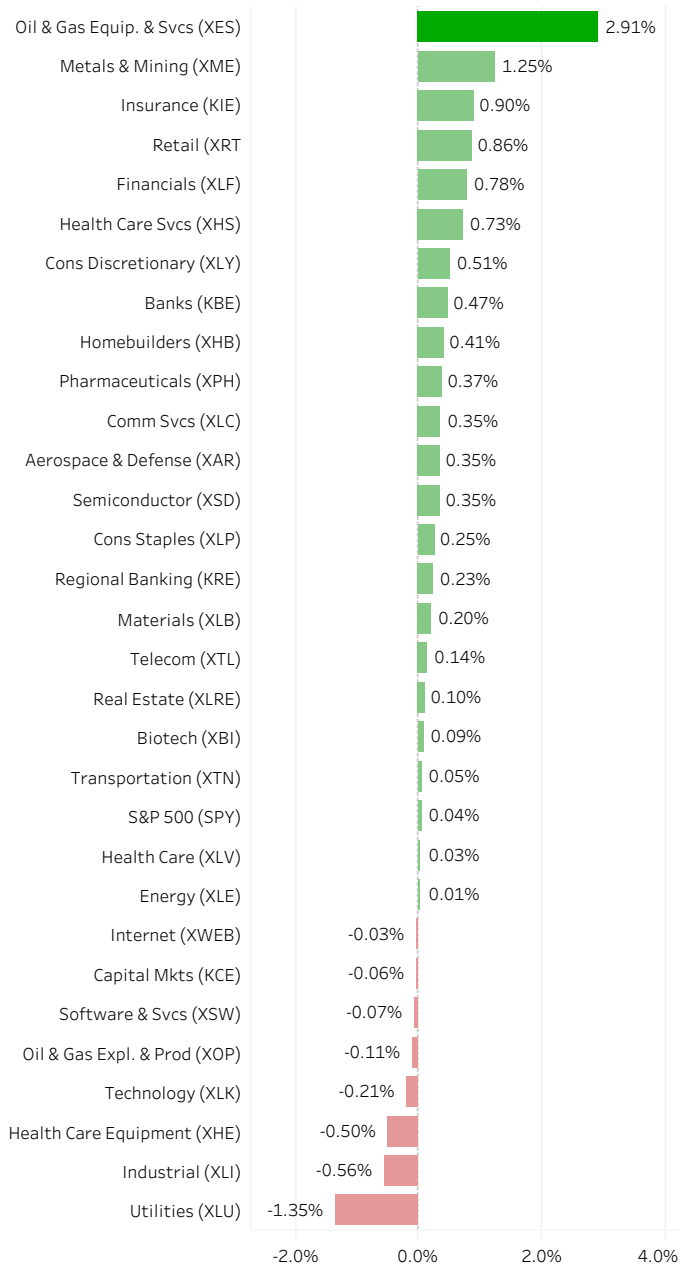
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
SPY	SPDR S&P 500 ETF Trust	\$1.21B	(\$2.07B)	\$7.71B	(\$2.19B)	\$374.93B
SPHQ	Invesco S&P 500 Quality ETF	\$0.58B	\$0.75B	\$0.78B	\$1.06B	\$4.39B
VTV	Vanguard Value ETF	\$0.32B	(\$3.41B)	(\$1.00B)	\$10.03B	\$101.79B
IVV	iShares Core S&P 500 ETF	\$0.25B	(\$2.48B)	\$5.15B	\$22.30B	\$302.35B
QVML	Invesco S&P 500 QVM Multi-factor ETF	\$0.25B	\$0.26B	\$0.26B	\$0.27B	\$1.01B
JVAL	JPMorgan U.S. Value Factor ETF	\$0.25B	\$0.21B	\$0.12B	\$0.24B	\$0.70B
COWZ	Pacer US Cash Cows 100 ETF	\$0.22B	\$2.70B	\$4.59B	\$9.70B	\$11.80B
VUG	Vanguard Growth ETF	\$0.21B	\$2.16B	\$4.07B	\$9.68B	\$74.59B
VTI	Vanguard Total Stock Market ETF	\$0.20B	\$5.53B	\$13.60B	\$23.88B	\$276.32B
SPLG	SPDR Portfolio S&P 500 ETF	\$0.17B	\$0.71B	\$1.22B	\$3.78B	\$15.45B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
FTCS	First Trust Capital Strength ETF	(\$1.60B)	\$0.29B	\$0.44B	\$0.22B	\$8.77B
QQQ	Invesco QQQ Trust	(\$1.29B)	(\$6.60B)	(\$8.21B)	(\$0.90B)	\$151.84B
DGRO	iShares Core Dividend Growth ETF	(\$1.22B)	(\$0.86B)	(\$0.01B)	\$2.13B	\$23.72B
IWF	iShares Russell 1000 Growth ETF	(\$0.90B)	(\$0.39B)	\$0.45B	\$2.11B	\$60.08B
IWM	iShares Russell 2000 ETF	(\$0.74B)	(\$0.01B)	\$0.59B	(\$4.37B)	\$53.98B
IWD	iShares Russell 1000 Value ETF	(\$0.51B)	(\$1.56B)	(\$0.98B)	(\$1.71B)	\$53.74B
VIG	Vanguard Dividend Appreciation ETF	(\$0.38B)	\$0.25B	\$1.19B	\$3.31B	\$65.69B
IWB	iShares Russell 1000 ETF	(\$0.37B)	(\$0.48B)	\$0.44B	\$1.32B	\$28.26B
IWS	iShares Russell Mid-Cap Value ETF	(\$0.28B)	(\$0.40B)	(\$0.28B)	(\$0.70B)	\$13.30B
IWP	iShares Russell Mid-Cap Growth ETF	(\$0.28B)	(\$0.37B)	(\$0.38B)	(\$0.42B)	\$12.12B

* 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)
XLE	Energy Select Sector SPDR Fund	-4.06%	34.82%	2.50%	10.30%	58.39
XLI	Industrial Select Sector SPDR Fund	-4.34%	20.92%	0.36%	6.59%	51.38
XLV	Health Care Select Sector SPDR Fund	-6.52%	11.37%	-1.84%	2.26%	43.57
XLB	Materials Select Sector SPDR Fund	-8.04%	23.69%	3.06%	6.60%	60.69
XLP	Consumer Staples Select Sector SPDR Fund	-8.99%	10.27%	-2.31%	-0.18%	43.73
XLU	Utilities Select Sector SPDR Fund	-12.11%	11.61%	-2.73%	-3.08%	38.86
XLF	Financial Select Sector SPDR Fund	-12.13%	19.05%	2.97%	7.03%	61.39
SPY	SPDR S&P 500 ETF Trust	-13.26%	12.28%	1.98%	1.82%	60.00
XLK	Technology Select Sector SPDR Fund	-18.33%	14.95%	3.50%	1.15%	62.79
XLRE	Real Estate Select Sector SPDR Fund	-21.86%	17.09%	3.48%	-1.98%	60.78
XLC	Communication Services Select Sector SPDR Fund	-24.77%	19.07%	8.16%	1.03%	71.82
XLY	Consumer Discretionary Select Sector SPDR Fund	-26.01%	12.24%	3.59%	-3.98%	63.18

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance (%)
XES	SPDR S&P Oil & Gas Equipment & Services ETF	2.91%
PXJ	Invesco Dynamic Oil & Gas Services ETF	2.25%
IEZ	iShares U.S. Oil Equipment & Services ETF	2.17%
PSCE	Invesco S&P SmallCap Energy ETF	2.09%
KBWB	Invesco KBW Bank ETF	1.56%
IAT	iShares U.S. Regional Banks ETF	1.43%
XME	SPDR S&P Metals & Mining ETF	1.25%
PXI	Invesco DWA Energy Momentum ETF	1.15%
FTXO	First Trust Nasdaq Bank ETF	1.08%
IAK	iShares U.S. Insurance ETF	0.98%

Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
PEJ	Invesco Dynamic Leisure & Entertainment ETF	72.46
VOX	Vanguard Communication Services ETF	72.02
XLC	Communication Services Select Sector SPDR Fund	71.82
PNQI	Invesco NASDAQ Internet ETF	71.61
FCOM	Fidelity MSCI Communication Services Index ETF	71.26
XNTK	SPDR NYSE Technology ETF	69.39
XME	SPDR S&P Metals & Mining ETF	68.08
KBWD	Invesco KBW High Dividend Yield Financial ETF	68.05
FXZ	First Trust Materials AlphaDEX Fund	67.85
FXD	First Trust Consumer Discretionary AlphaDEX Fund	67.11

Sector & Industry 1 Day Performance Laggards

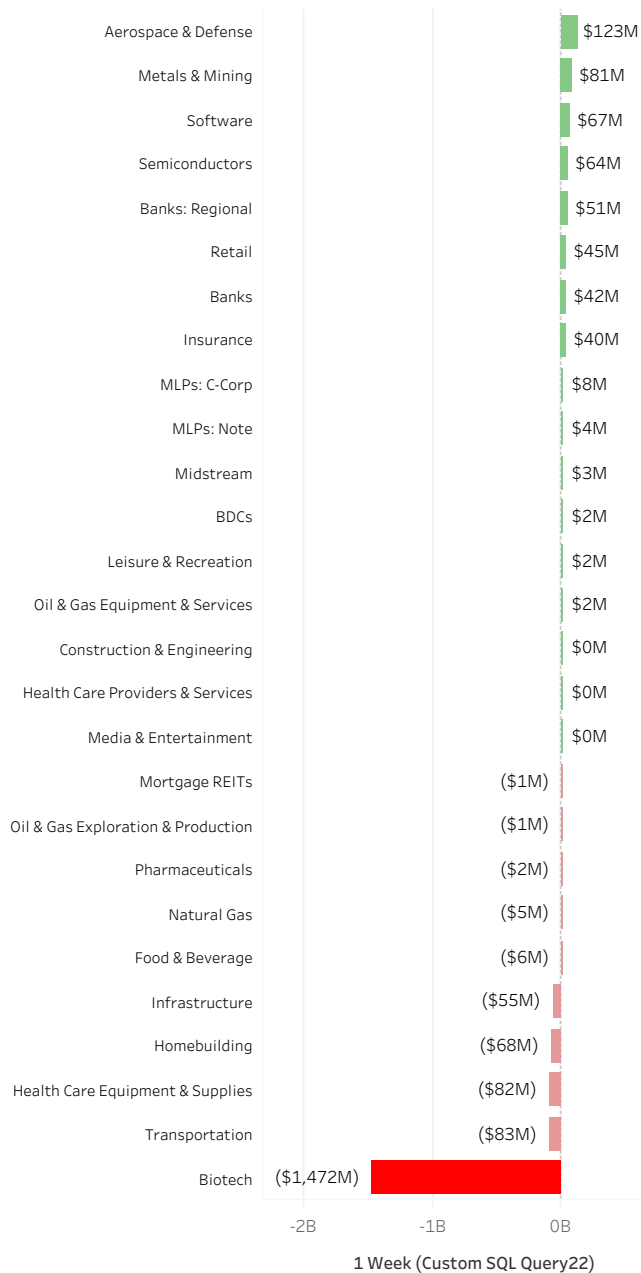
Ticker	Fund	1 Day Performance (%)
XLU	Utilities Select Sector SPDR Fund	-1.35%
FUTY	Fidelity MSCI Utilities Index ETF	-1.22%
VPU	Vanguard Utilities ETF	-1.21%
IDU	iShares U.S. Utilities ETF	-1.14%
IYT	iShares US Transportation ETF	-0.86%
AIRR	First Trust RBA American Industrial Renaissance ETF	-0.71%
ENFR	Alerian Energy Infrastructure ETF	-0.63%
IHI	iShares U.S. Medical Devices ETF	-0.59%
PTF	Invesco DWA Technology Momentum ETF	-0.58%
FTXR	First Trust Nasdaq Transportation ETF	-0.58%

Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
XLU	Utilities Select Sector SPDR Fund	38.86
IDU	iShares U.S. Utilities ETF	39.55
VPU	Vanguard Utilities ETF	39.77
IYK	iShares U.S. Consumer Staples ETF	39.95
FUTY	Fidelity MSCI Utilities Index ETF	40.00
QABA	First Trust NASDAQ ABA Community Bank Index Fund	42.81
XLV	Health Care Select Sector SPDR Fund	43.57
FTXG	First Trust Nasdaq Food & Beverage ETF	43.72
XLP	Consumer Staples Select Sector SPDR Fund	43.73
RYU	Invesco S&P 500 Equal Weight Utilities ETF	44.02

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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	\$13B	(\$153M)	(\$92M)	(\$212M)	(\$758M)
Consumer Discretionary	12	\$21B	(\$147M)	(\$586M)	\$8M	(\$5,612M)
Consumer Staples	10	\$30B	\$32M	\$1,964M	\$2,939M	\$6,599M
Energy	32	\$83B	\$127M	(\$973M)	\$528M	(\$3,324M)
Financials	26	\$60B	(\$223M)	(\$1,192M)	\$503M	(\$18,199M)
Health Care	23	\$96B	(\$1,609M)	\$1,359M	\$933M	\$8,386M
Industrial	13	\$31B	(\$324M)	\$1,499M	\$1,154M	(\$1,731M)
Materials	9	\$15B	\$179M	\$504M	(\$546M)	(\$1,113M)
Multi-Sector	19	\$14B	(\$154M)	(\$559M)	(\$1,737M)	(\$6,706M)
Real Estate	25	\$62B	(\$60M)	\$4M	(\$943M)	(\$5,913M)
Technology	23	\$119B	\$34M	(\$1,090M)	\$143M	(\$1,190M)
Utilities	9	\$26B	\$41M	(\$213M)	\$486M	\$4,678M

U.S. Sector & Industry Flow Leaders

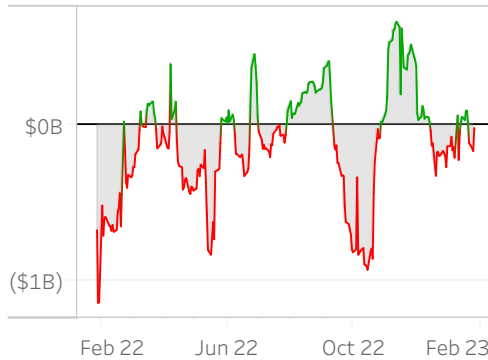
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
ITA	iShares U.S. Aerospace & Defense ETF	\$162M	\$806M	\$818M	\$2,299M	\$5,060M
XLE	Energy Select Sector SPDR Fund	\$150M	(\$505M)	\$416M	(\$2,455M)	\$42,442M
VGT	Vanguard Information Technology ETF	\$148M	\$139M	(\$705M)	(\$461M)	\$42,125M
XLB	Materials Select Sector SPDR Fund	\$98M	\$218M	(\$255M)	(\$1,555M)	\$6,108M
FUTY	Fidelity MSCI Utilities Index ETF	\$83M	\$184M	\$218M	\$1,089M	\$2,272M
IBB	iShares Biotechnology ETF	\$82M	\$611M	\$259M	\$52M	\$9,096M
XME	SPDR S&P Metals & Mining ETF	\$81M	\$408M	\$197M	\$127M	\$2,545M
KRE	SPDR S&P Regional Banking ETF	\$71M	(\$1,015M)	(\$479M)	(\$2,372M)	\$2,469M
IGV	iShares Expanded Tech-Software Sector ETF	\$67M	(\$631M)	\$325M	\$233M	\$4,725M
SOXX	iShares Semiconductor ETF	\$57M	\$43M	(\$250M)	(\$430M)	\$6,927M

U.S. Sector & Industry Flow Laggards

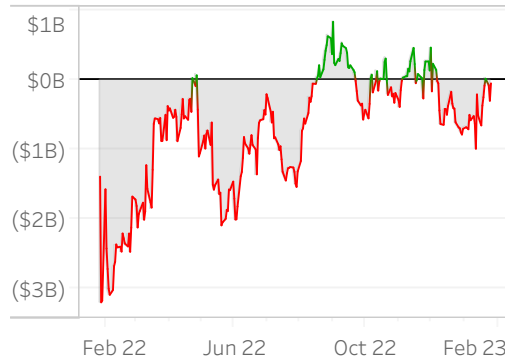
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XBI	SPDR S&P BIOTECH ETF	(\$1,553M)	(\$37M)	(\$428M)	\$1,613M	\$7,742M
XLF	Financial Select Sector SPDR Fund	(\$345M)	\$130M	\$1,049M	(\$10,274M)	\$32,545M
XLI	Industrial Select Sector SPDR Fund	(\$280M)	\$612M	\$440M	(\$2,507M)	\$14,013M
XLK	Technology Select Sector SPDR Fund	(\$231M)	(\$251M)	\$41M	\$783M	\$40,220M
XLY	Consumer Discretionary Select Sector SPDR Fu..	(\$155M)	(\$370M)	\$398M	(\$2,165M)	\$13,789M
XLC	Communication Services Select Sector SPDR Fu..	(\$131M)	(\$108M)	(\$308M)	(\$588M)	\$8,986M
IHI	iShares U.S. Medical Devices ETF	(\$106M)	(\$402M)	(\$637M)	(\$1,129M)	\$6,214M
XTN	SPDR S&P Transportation ETF	(\$104M)	(\$207M)	(\$251M)	(\$429M)	\$255M
IYJ	iShares U.S. Industrials ETF	(\$85M)	\$113M	\$47M	(\$200M)	\$1,230M
XLRE	Real Estate Select Sector SPDR Fund	(\$76M)	\$76M	\$218M	\$342M	\$5,216M

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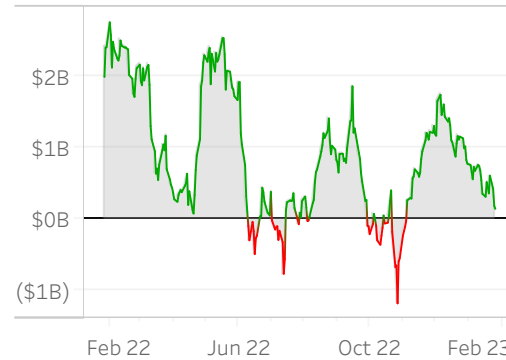
Communication Services



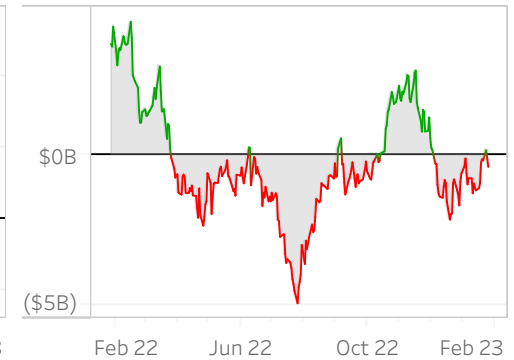
Consumer Discretionary



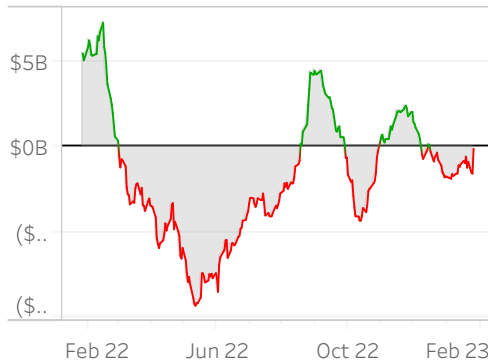
Consumer Staples



Energy



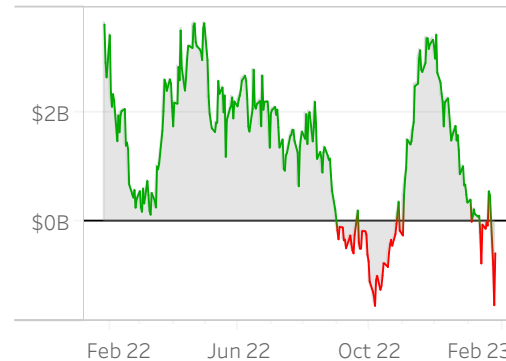
Financials



Industrial



Health Care



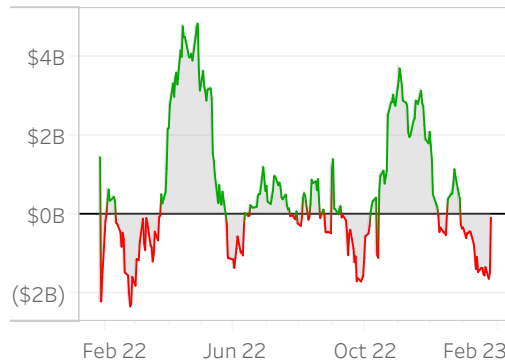
Materials



Real Estate



Technology



Utilities

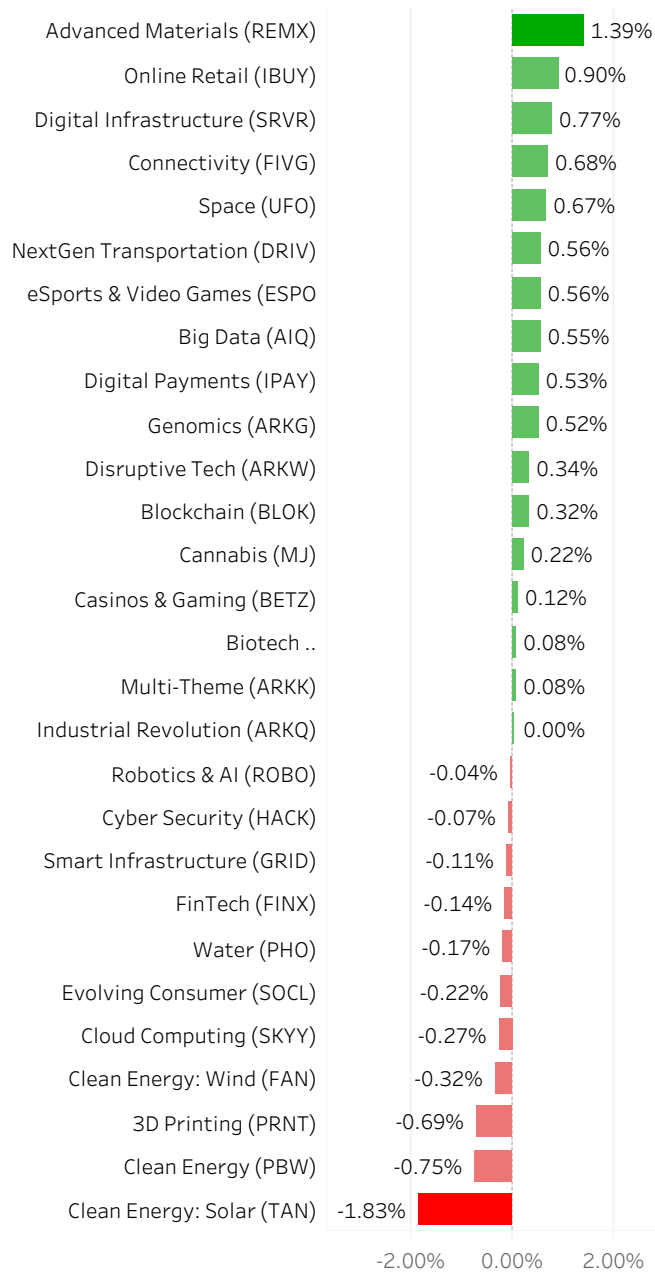


Multi-Sector

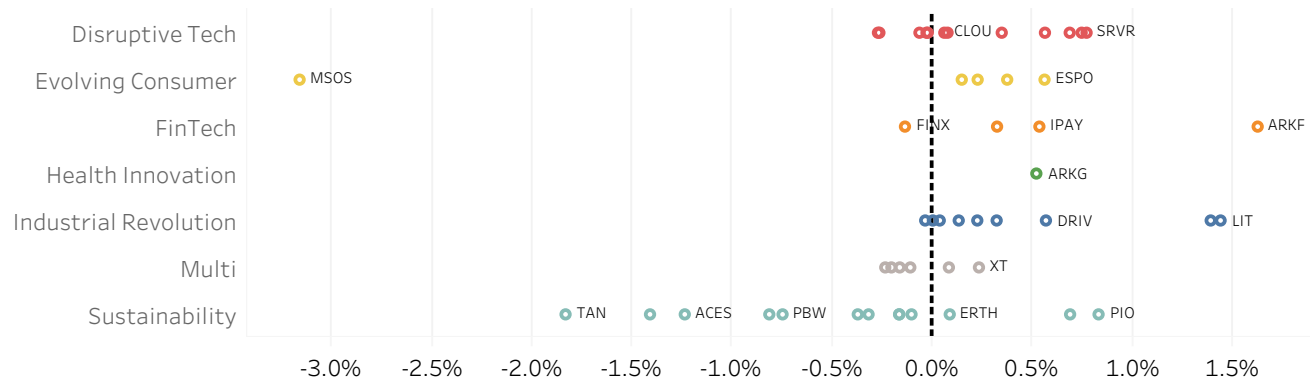


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Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
EBIZ	Global X E-Commerce ETF	1.71%
ARKF	ARK Fintech Innovation ETF	1.62%
LIT	Global X Lithium & Battery Tech ETF	1.44%
REMX	VanEck Rare Earth/Strategic Metals ETF	1.39%
ONLN	ProShares Online Retail ETF	1.18%
AWAY	ETFMG Travel Tech ETF	1.04%
IBUY	Amplify Online Retail ETF	0.90%
PAWZ	ProShares Pet Care ETF	0.83%
PIO	Invesco Global Water ETF	0.83%
HERO	Global X Video Games & Esports ETF	0.80%

Thematic Most Overbought

Ticker	Fund	Price
AWAY	ETFMG Travel Tech ETF	84.21
EBIZ	Global X E-Commerce ETF	74.33
REMX	VanEck Rare Earth/Strategic Metals ETF	72.76
LIT	Global X Lithium & Battery Tech ETF	72.70
BJK	VanEck Gaming ETF	71.51
GAMR	Wedbush ETFMG Video Game Tech ETF	71.19
ROBO	ROBO Global Robotics & Automation Index ETF	70.80
SOCL	Global X Social Media ETF	70.52
HERO	Global X Video Games & Esports ETF	70.50
BETZ	Roundhill Sports Betting & iGaming ETF	70.23

Global Thematic 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
MSOS	AdvisorShares Pure US Cannabis ETF	-3.16%
BLCN	Siren ETF Trust Siren Nasdaq NexGen Economy ETF	-2.25%
MJUS	ETFMG U.S. Alternative Harvest ETF	-2.21%
BITQ	Bitwise Crypto Industry Innovators ETF	-2.16%
YOLO	AdvisorShares Pure Cannabis ETF	-1.84%
TAN	Invesco Solar ETF	-1.83%
CNRG	SPDR S&P Kensho Clean Power ETF	-1.41%
ACES	ALPS Clean Energy ETF	-1.24%
CTEC	Global X CleanTech ETF	-1.03%
PBD	Invesco Global Clean Energy ETF	-0.91%

Thematic Most Oversold

Ticker	Fund	Price
MJUS	ETFMG U.S. Alternative Harvest ETF	31.06
MSOS	AdvisorShares Pure US Cannabis ETF	32.57
YOLO	AdvisorShares Pure Cannabis ETF	41.56
MJ	ETFMG Alternative Harvest ETF	46.88
SAMT	Strategas Macro Thematic Opportunities ETF	47.67
ICLN	iShares Global Clean Energy ETF	51.48
TAN	Invesco Solar ETF	52.11
GDOC	Goldman Sachs Future Health Care Equity ETF	52.51
RNRG	Global X Renewable Energy Producers ETF	53.27
PHO	Invesco Water Resources ETF	54.12

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Thematic 1 Week Flow Leaders

Ticker	Fund	
ARKK	ARK Innovation ETF	\$108M
PBW	Invesco WilderHill Clean Energy ETF	\$14M
XT	iShares Exponential Technologies ETF	\$13M
ARKF	ARK Fintech Innovation ETF	\$12M
BOTZ	Global X Robotics & Artificial Intelligence ETF	\$9M
ROBO	ROBO Global Robotics & Automation Index ETF	\$8M
WCLD	WisdomTree Cloud Computing Fund	\$7M
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure Index	\$5M
KOMP	SPDR S&P Kensho New Economies Composite ETF	\$4M
ARKW	ARK Next Generation Internet ETF	\$3M

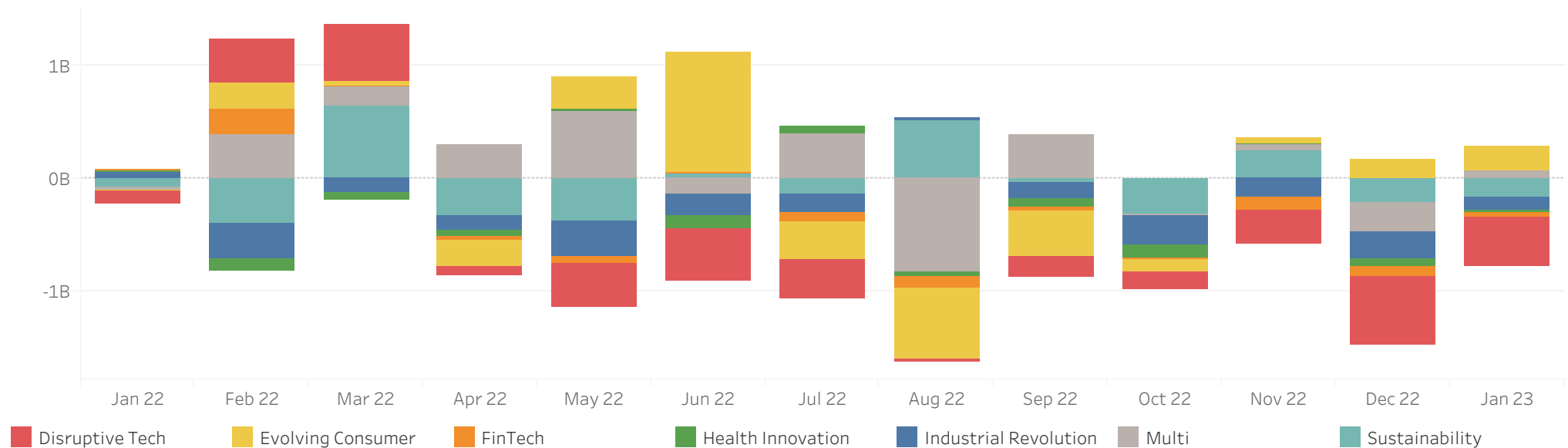
Thematic 1 Week Flow Laggards

Ticker	Fund	
SKYY	First Trust Cloud Computing ETF	(\$117M)
ICLN	iShares Global Clean Energy ETF	(\$38M)
SRVR	Pacer Data & Infrastructure Real Estate ETF	(\$37M)
LIT	Global X Lithium & Battery Tech ETF	(\$29M)
ARKG	ARK Genomic Revolution ETF	(\$27M)
BUG	Global X Cybersecurity ETF	(\$21M)
ACES	ALPS Clean Energy ETF	(\$12M)
FIW	First Trust Water ETF	(\$12M)
XPND	First Trust Expanded Technology ETF	(\$11M)
EBLU	Ecofin Global Water ESG Fund	(\$10M)

Thematic Landscape Assets & Flows

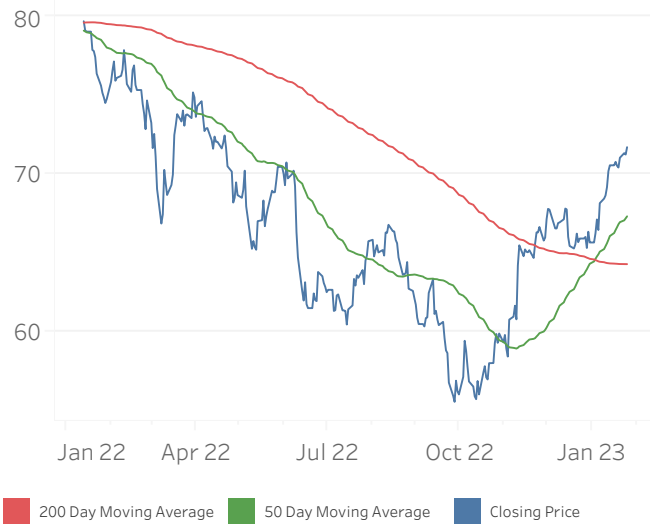
Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	35	\$15B	(\$98M)	(\$1,362M)	(\$1,714M)	(\$2,185M)
Evolving Consumer	46	\$11B	(\$9M)	\$448M	(\$818M)	\$325M
FinTech	20	\$3B	\$5M	(\$241M)	(\$418M)	(\$316M)
Health Innovation	19	\$3B	(\$19M)	(\$88M)	(\$364M)	(\$528M)
Industrial Revolution	31	\$11B	(\$17M)	(\$562M)	(\$915M)	(\$2,118M)
Multi	41	\$14B	\$176M	(\$53M)	(\$565M)	\$1,035M
Sustainability	40	\$18B	(\$27M)	(\$155M)	\$52M	(\$642M)
Grand Total	232	\$76B	\$10M	(\$2,013M)	(\$4,741M)	(\$4,429M)

Thematic Monthly Flows

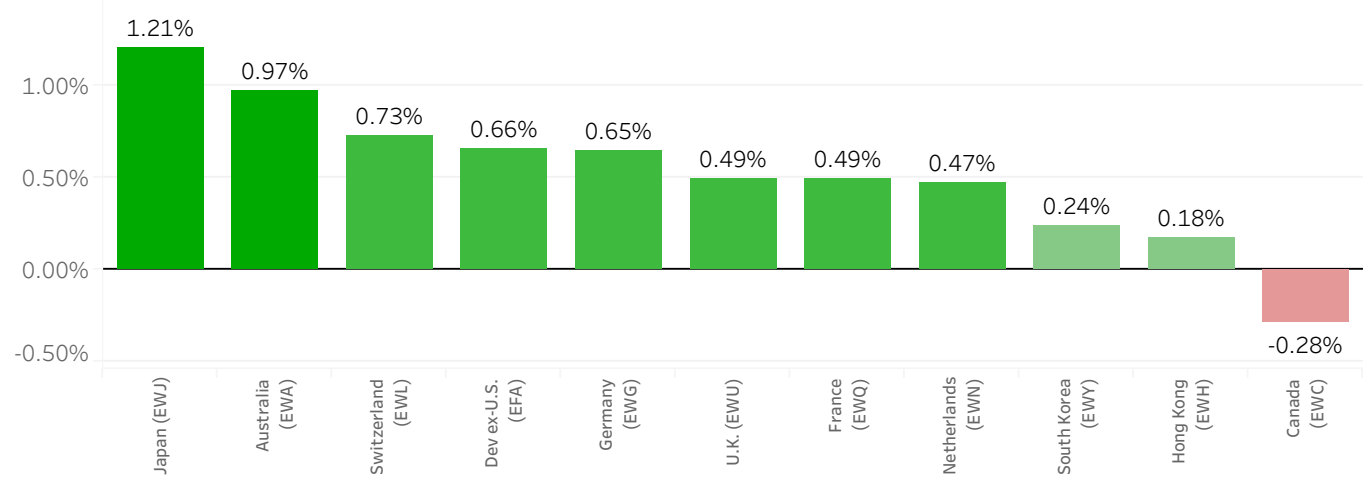


* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

Developed ex-U.S. (EFA)



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



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



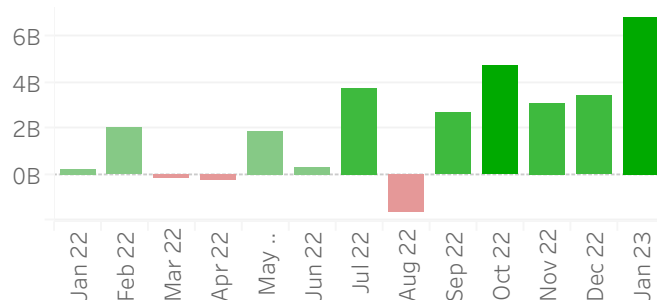
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
FJP	First Trust Japan AlphaDEX Fund	1.66%
BBJP	JPMorgan BetaBuilders Japan ETF	1.30%
EWJ	iShares MSCI Japan ETF	1.21%
EWS	iShares MSCI Singapore ETF	1.20%
JPXN	iShares JPX-Nikkei 400 ETF	1.15%
FLJP	Franklin FTSE Japan ETF	1.14%
IPAC	iShares Core MSCI Pacific ETF	1.13%
EWJV	iShares MSCI Japan Value ETF	0.99%
EWA	iShares MSCI Australia ETF	0.97%
SCJ	iShares MSCI Japan Small-Cap ETF	0.97%

Developed ex-U.S. Most Overbought

Ticker	Fund	Value
IMFL	Invesco International Developed Dynamic Multifactor ETF	81.13
IDV	iShares International Select Dividend ETF	78.96
DISV	Dimensional International Small Cap Value ETF	78.80
IPAC	iShares Core MSCI Pacific ETF	78.20
EIRL	iShares MSCI Ireland ETF	78.17
EWP	iShares MSCI Spain ETF	78.08
EFV	iShares MSCI EAFE Value ETF	77.79
DTH	WisdomTree International High Dividend Fund	77.75
DIM	WisdomTree International MidCap Dividend Fund	77.70
FYLD	Cambria Foreign Shareholder Yield ETF	77.62

Developed ex-U.S. Monthly Flows



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

Ticker	Fund	1-Day Performance
EDEN	iShares MSCI Denmark ETF	-1.50%
NORW	Global X MSCI Norway ETF	-0.81%
ISRA	VanEck Israel ETF	-0.69%
EIS	iShares MSCI Israel ETF	-0.63%
IMOM	Alpha Architect International Quantitative Momentum ETF	-0.34%
EWC	iShares MSCI Canada ETF	-0.28%
DFE	WisdomTree Europe SmallCap Dividend Fund	-0.27%
FLCA	Franklin FTSE Canada ETF	-0.22%
BBCA	JPMorgan BetaBuilders Canada ETF	-0.16%
FDD	First Trust Stoxx European Select Dividend Index Fund	-0.16%

Developed ex-U.S. Most Oversold

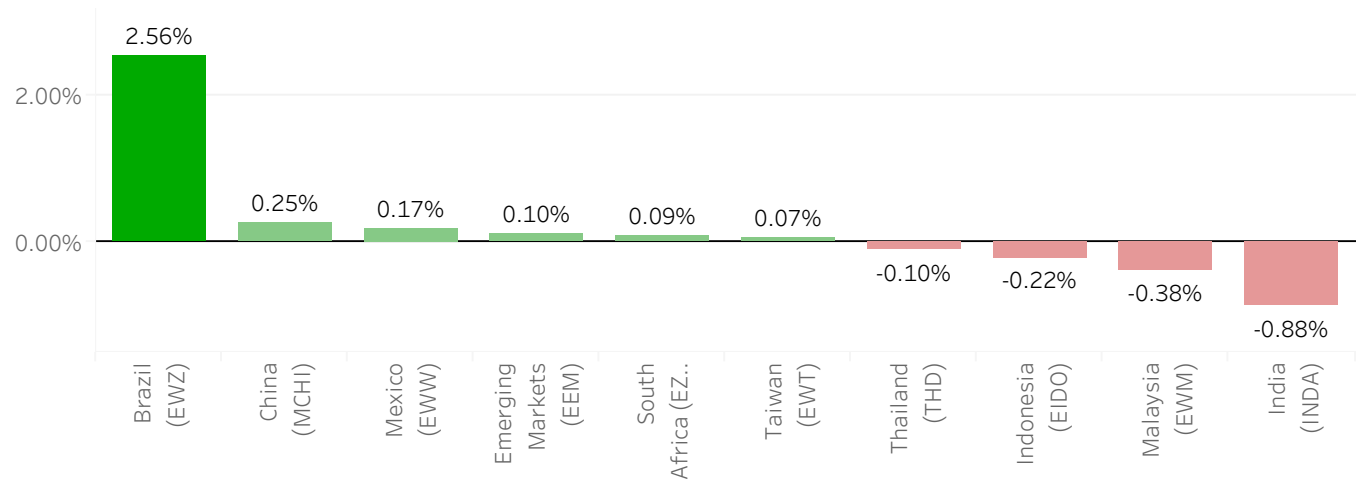
Ticker	Fund	Value
NORW	Global X MSCI Norway ETF	49.56
HEWJ	iShares Currency Hedged MSCI Japan ETF	54.16
EDEN	iShares MSCI Denmark ETF	54.41
IMOM	Alpha Architect International Quantitative Momentum..	57.28
ISRA	VanEck Israel ETF	57.31
HEFA	iShares Currency Hedged MSCI EAFE ETF	59.80
EIS	iShares MSCI Israel ETF	59.81
HSCZ	iShares Currency Hedged MSCI EAFE Small-Cap ETF	60.12
IVAL	Alpha Architect International Quantitative Value ETF	60.92
IHDG	WisdomTree International Hedged Quality Dividend ..	61.27

* 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)



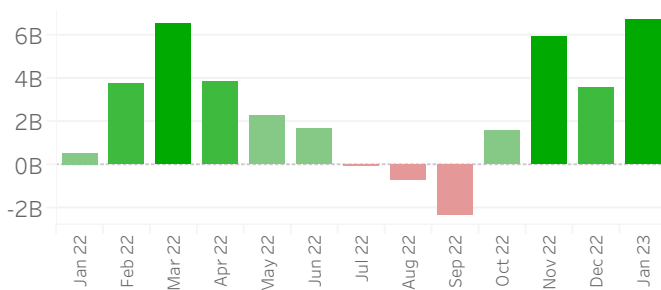
Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Leaders

Ticker	Fund	Performance
EWZS	iShares MSCI Brazil Small-Cap ETF	3.35%
EWZ	iShares MSCI Brazil ETF	2.56%
FLBR	Franklin FTSE Brazil ETF	2.46%
ILF	iShares Latin America 40 ETF	1.70%
FLLA	Franklin FTSE Latin America ETF	1.43%
FLN	First Trust Latin America AlphaDEX Fund	1.31%
DVYE	iShares Emerging Markets Dividend ETF	1.12%
RAYC	Rayliant Quantamental China Equity ETF	0.81%
QAT	iShares MSCI Qatar ETF	0.78%
CNYA	iShares MSCI China A ETF	0.75%

Emerging Most Overbought

Ticker	Fund	Price
CNYA	iShares MSCI China A ETF	79.28
DEM	WisdomTree Emerging Markets High Dividend Fund	78.89
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	78.58
PXH	Invesco FTSE RAFI Emerging Markets ETF	78.01
DVYE	iShares Emerging Markets Dividend ETF	77.56
JPEM	J.P. Morgan Diversified Return Emerging Markets Eq..	77.48
GEM	Goldman Sachs ActiveBeta Emerging Markets Equity ..	76.40
EDIV	SPDR S&P Emerging Markets Dividend ETF	76.20
EWW	iShares MSCI Mexico ETF	76.11
FNDE	Schwab Fundamental Emerging Markets Large Co. In..	76.11

Emerging 1-Day Performance Laggards

Ticker	Fund	Performance
INDA	iShares MSCI India ETF	-0.88%
TUR	iShares MSCI Turkey ETF	-0.82%
FLIN	Franklin FTSE India ETF	-0.77%
INDY	iShares India 50 ETF	-0.65%
NFTY	First Trust India NIFTY 50 Equal Weight ETF	-0.64%
PIN	Invesco India ETF	-0.61%
ECNS	iShares MSCI China Small-Cap ETF	-0.61%
EYLD	Cambria Emerging Shareholder Yield ETF	-0.60%
EPOL	iShares MSCI Poland ETF	-0.60%
ADRE	Invesco BDRS Emerging Markets 50 ADR Index Fund	-0.59%

Emerging Most Oversold

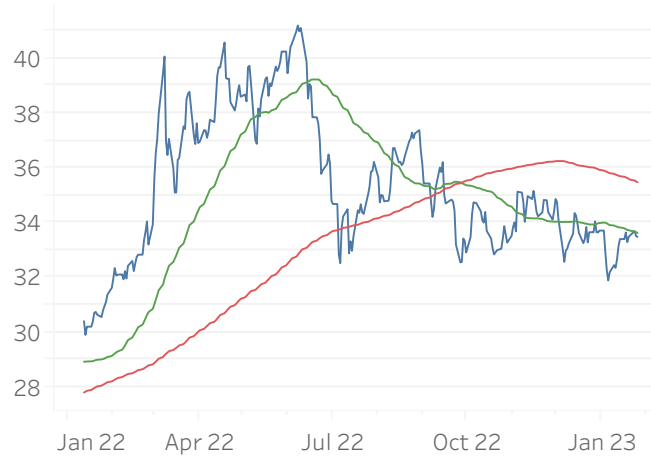
Ticker	Fund	Price
PIN	Invesco India ETF	31.28
SMIN	iShares MSCI India Small Cap ETF	39.80
INDA	iShares MSCI India ETF	39.84
FLIN	Franklin FTSE India ETF	40.14
INDY	iShares India 50 ETF	42.67
NFTY	First Trust India NIFTY 50 Equal Weight ETF	43.31
EPI	WisdomTree India Earnings Fund	47.96
GLIN	VanEck India Growth Leaders ETF	50.43
TUR	iShares MSCI Turkey ETF	54.24
QAT	iShares MSCI Qatar ETF	55.40

*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	0.12%	2.48%	3.52%
SHY	1-3 Year Treasury Bonds	0.06%	0.57%	0.75%
IEF	7-10 Year Treasury Bonds	0.11%	2.87%	3.92%
TLT	20+ Year Treasury Bonds	0.24%	5.21%	7.96%
TIP	TIPS Bonds	0.20%	2.30%	2.77%
FLOT	Floating Rate Bonds	0.04%	0.74%	0.50%
LQD	Investment Grade Corporate	0.05%	3.55%	5.15%
HYG	High Yield Corporate	-0.01%	2.43%	3.49%
BKLN	Senior Loan	0.05%	1.84%	3.23%
PFF	Preferred & Income Securities	0.09%	7.91%	8.65%
MUB	Municipal Bonds	0.15%	2.23%	2.45%
MBB	MBS	0.30%	2.74%	3.80%
EMB	Dollar Denominated EM Bonds	-0.07%	4.23%	4.95%
LEMB	Local Currency EM Bond	0.38%	4.61%	4.49%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	-0.09%	-0.51%	-0.68%
DBE	Energy	-1.06%	-0.27%	-1.15%
USO	WTI Crude Oil	0.41%	1.72%	0.57%
BNO	Brent Crude Oil	0.25%	2.26%	0.60%
UNG	Natural Gas	-6.48%	-38.34%	-30.43%
UGA	Gasoline	-1.93%	9.10%	4.39%
DBP	Precious Metals	0.56%	6.76%	5.14%
GLD	Gold	0.46%	8.28%	6.76%
SLV	Silver	0.97%	0.55%	-0.23%
PPLT	abrdn Physical Platin..	-1.52%	1.65%	-2.91%
PALL	abrdn Physical Palla..	-2.50%	-3.42%	-4.63%
DBB	Base Metals	0.32%	13.70%	14.34%
CPER	Copper	0.15%	12.23%	12.08%
LD	Lead	1.25%	0.24%	-5.95%
JJN	Nickel	1.33%	-1.43%	-1.90%
JJU	Aluminum	-0.59%	10.90%	10.87%
JJT	Tin	3.39%	29.50%	23.87%
DBA	Agriculture	0.26%	-3.17%	-2.93%
CORN	Corn	-0.30%	0.23%	-1.89%
SOYB	Soybeans	0.66%	-0.79%	-3.09%
WEAT	Wheat	0.40%	-4.24%	-6.52%
CANE	Sugar	1.21%	-1.51%	1.15%
BAL	Cotton	0.50%	2.21%	4.35%
NIB	Cocoa	-0.27%	-1.81%	-0.04%
JO	Coffee	1.81%	-4.98%	-2.27%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	-0.33%	-2.22%	-1.62%
UDN	Short Dollar	0.27%	2.78%	2.00%
FXE	Euro	0.28%	2.85%	1.98%
FXB	British Pound Sterling	0.51%	3.11%	2.84%
FXF	Swiss Franc	0.52%	1.68%	0.63%
FXJ	Japanese Yen	0.39%	2.54%	1.21%
FXC	Canadian Dollar	-0.10%	1.73%	1.29%
FXA	Australian Dollar	0.88%	5.81%	4.38%

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