

Large Cap Blend (S&P 500) IVV



Mid Cap Blend (S&P 400) IJH

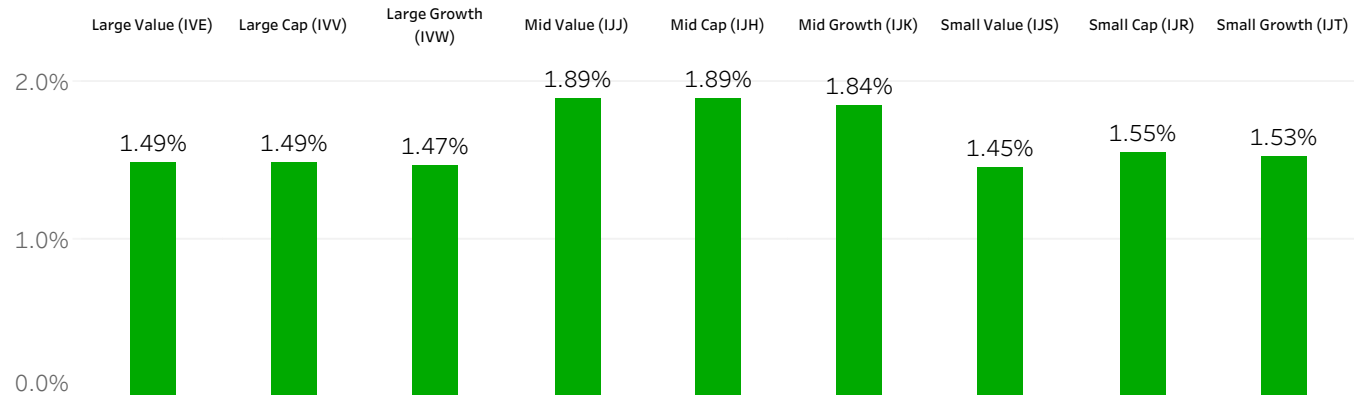


Small Cap Blend (S&P 600) IJR



■ 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
FNX	First Trust Mid Cap Core AlphaDEX Fund	2.30%
CALF	Pacer US Small Cap Cash Cows 100 ETF	2.26%
XMHQ	Invesco S&P MidCap Quality ETF	2.19%
FFTY	Innovator IBD 50 ETF	2.17%
SPHB	Invesco S&P 500 High Beta ETF	2.16%
EES	WisdomTree U.S. SmallCap Fund	2.14%
AVUV	Avantis U.S. Small Cap Value ETF	2.11%
QVAL	Alpha Architect US Quantitative Value ETF	2.09%
RWK	Invesco S&P MidCap 400 Revenue ETF	2.08%
ISMD	Inspire Small/Mid Cap ETF	2.07%

Size & Style Most Overbought

Ticker	Fund	Price
PTLC	Pacer Trendpilot US Large Cap ETF	68.41
SPC	CrossingBridge Pre-Merger SPAC ETF	56.16
ABEQ	Absolute Select Value ETF	54.37
DURA	VanEck Durable High Dividend ETF	54.24
ALTL	Pacer Lunt Large Cap Alternator ETF	53.88
LVHD	Franklin U.S. Low Volatility High Dividend Index ETF	53.02
SPLV	Invesco S&P 500 Low Volatility ETF	52.93
CGDV	Capital Group Dividend Value ETF	52.70
XRLV	Invesco S&P 500 ex-Rate Sensitive Low Volatility ETF	51.99
HUSV	First Trust Horizon Managed Volatility Domestic ETF	51.81

Size & Style 1-Day Performance Laggards

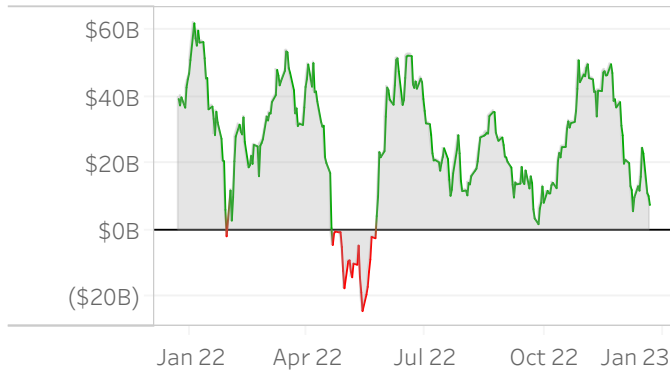
Ticker	Fund	1-Day Performance
SPC	CrossingBridge Pre-Merger SPAC ETF	-0.34%
RPHS	Regents Park Hedged Market Strategy ETF	-0.12%
ONOF	Global X Adaptive U.S. Risk Management ETF	-0.02%
PTLC	Pacer Trendpilot US Large Cap ETF	0.08%
TMFM	Motley Fool Mid-Cap Growth ETF	0.52%
QQH	HCM Defender 100 Index ETF	0.57%
DFNV	TrimTabs Donoghue Forlines Risk Managed Innovation E..	0.60%
PTNQ	Pacer Trendpilot 100 ETF	0.62%
LGH	HCM Defender 500 Index ETF	0.63%
SHE	SPDR MSCI USA Gender Diversity ETF	0.72%

Size & Style Most Oversold

Ticker	Fund	Price
JMEE	JPMorgan Market Expansion Enhanced Equity ETF	34.43
NUMV	Nuveen ESG Mid-Cap Value ETF	36.58
WBI	WBI BullBear Yield 3000 ETF	36.74
FFTY	Innovator IBD 50 ETF	37.16
LSAT	Leadershares Alphafactor Tactical Focused ETF	37.46
BUZZ	VanEck Social Sentiment ETF	37.52
ACSI	American Customer Satisfaction ETF	37.55
LGH	HCM Defender 500 Index ETF	38.61
XSVM	Invesco S&P SmallCap Value with Momentum ETF	38.72
FPX	First Trust US Equity Opportunities ETF	38.90

*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 Growth, Beta	25	\$1,179B	(\$6.96B)	\$26.70B	\$42.41B	\$77.69B
Large Cap, Beta Growth, Beta: Growth	10	\$213B	(\$0.31B)	\$9.70B	\$15.49B	\$21.52B
Large Cap, Beta Growth, Beta: Value	11	\$219B	(\$10.47B)	\$1.43B	\$1.88B	\$20.07B
Mid Cap, Beta, Beta	10	\$175B	(\$1.56B)	\$4.88B	\$6.56B	\$12.40B
Mid Cap, Beta, Beta: Growth	6	\$32B	(\$0.21B)	\$0.49B	\$1.19B	\$0.95B
Mid Cap, Beta, Beta: Value	6	\$40B	(\$3.22B)	\$0.91B	\$1.35B	\$1.70B
Small Cap, Beta, Beta	13	\$186B	(\$1.85B)	\$4.00B	\$4.07B	\$1.86B
Small Cap, Beta, Beta: Growth	7	\$30B	(\$0.32B)	\$1.04B	\$0.84B	\$1.31B
Small Cap, Beta, Beta: Value	7	\$48B	(\$2.22B)	\$1.22B	(\$0.54B)	(\$2.15B)

U.S. Size & Style Flow Leaders

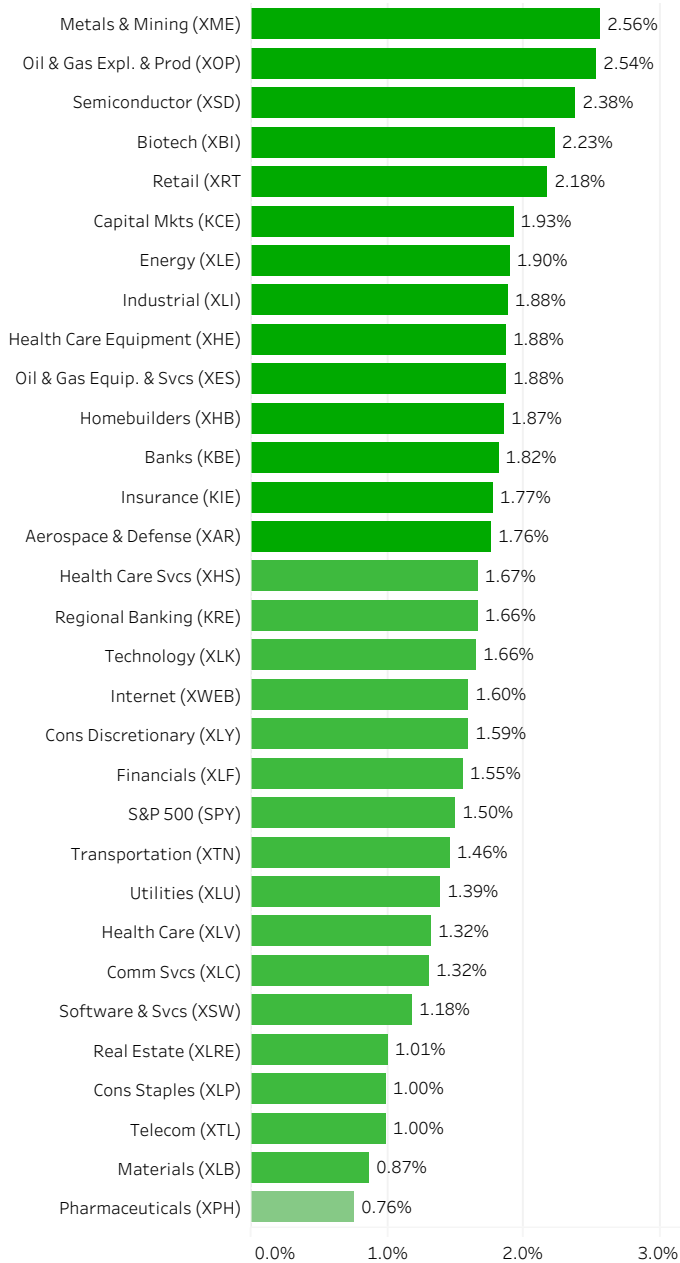
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
IVV	iShares Core S&P 500 ETF	\$0.82B	\$4.89B	\$8.48B	\$25.75B	\$290.31B
SPYD	SPDR Portfolio S&P 500 High Dividend ETF	\$0.33B	\$0.14B	\$0.15B	\$3.14B	\$7.79B
VOO	Vanguard S&P 500 ETF	\$0.30B	\$4.64B	\$15.67B	\$41.75B	\$261.00B
VIG	Vanguard Dividend Appreciation ETF	\$0.29B	\$1.44B	\$1.75B	\$3.53B	\$64.56B
IWD	iShares Russell 1000 Value ETF	\$0.24B	\$1.34B	\$0.75B	(\$0.42B)	\$53.28B
ITOT	iShares Core S&P Total U.S. Stock Market ETF	\$0.24B	(\$1.98B)	(\$0.73B)	\$2.26B	\$38.78B
IWF	iShares Russell 1000 Growth ETF	\$0.21B	\$2.72B	\$2.99B	\$3.20B	\$58.90B
IJH	iShares Core S&P Mid-Cap ETF	\$0.21B	\$2.46B	\$3.60B	\$5.28B	\$62.50B
VYM	Vanguard High Dividend Yield Index ETF	\$0.20B	\$1.29B	\$4.06B	\$8.72B	\$49.18B
IWV	iShares Russell 3000 ETF	\$0.18B	\$0.71B	\$0.68B	\$0.45B	\$10.66B

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)	\$15.67B	\$10.82B	(\$4.60B)	\$358.79B
IVE	iShares S&P 500 Value ETF	(\$4.35B)	\$0.51B	\$0.21B	\$2.59B	\$24.16B
SPYV	SPDR Portfolio S&P 500 Value ETF	(\$4.12B)	\$2.06B	\$1.61B	\$3.23B	\$14.83B
IUSV	iShares Core S&P US Value ETF	(\$2.38B)	\$0.61B	\$1.20B	\$1.66B	\$12.50B
VO	Vanguard Mid-Cap ETF	(\$1.76B)	\$0.91B	\$1.19B	\$4.06B	\$49.69B
IJJ	iShares S&P Mid-Cap 400 Value ETF	(\$1.67B)	\$0.07B	\$0.17B	(\$0.76B)	\$7.13B
QQQ	Invesco QQQ Trust	(\$1.65B)	(\$2.86B)	(\$0.81B)	\$1.09B	\$145.65B
VTI	Vanguard Value ETF	(\$1.41B)	(\$3.95B)	(\$2.22B)	\$10.84B	\$98.10B
VB	Vanguard Small-Cap ETF	(\$1.16B)	\$0.29B	(\$0.43B)	\$0.15B	\$40.37B
RPV	Invesco S&P 500 Pure Value ETF	(\$1.13B)	\$0.18B	(\$0.05B)	\$0.99B	\$3.49B

* 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)
XLV	Health Care Select Sector SPDR Fund	-4.63%	13.61%	1.98%	4.02%	50.23
XLP	Consumer Staples Select Sector SPDR Fund	-6.96%	12.72%	1.96%	1.62%	49.35
XLI	Industrial Select Sector SPDR Fund	-7.45%	19.59%	2.72%	5.14%	51.57
XLE	Energy Select Sector SPDR Fund	-8.21%	45.90%	-2.23%	7.24%	48.05
XLU	Utilities Select Sector SPDR Fund	-9.60%	14.79%	3.63%	-0.99%	52.30
XLB	Materials Select Sector SPDR Fund	-13.04%	16.96%	1.22%	-0.45%	45.52
XLF	Financial Select Sector SPDR Fund	-17.77%	12.45%	-0.61%	-0.10%	44.58
SPY	SPDR S&P 500 ETF Trust	-19.12%	8.32%	-0.44%	-3.55%	44.87
XLK	Technology Select Sector SPDR Fund	-26.47%	9.55%	-0.52%	-6.01%	45.25
XLRE	Real Estate Select Sector SPDR Fund	-27.77%	9.36%	-0.69%	-11.28%	42.10
XLY	Consumer Discretionary Select Sector SPDR Fund	-36.88%	1.59%	-5.98%	-14.14%	34.85
XLC	Communication Services Select Sector SPDR Fund	-38.82%	5.15%	-2.85%	-14.35%	42.01

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
FXN	First Trust Energy AlphaDEX Fund	2.69%
FCG	First Trust Natural Gas ETF	2.68%
IEO	iShares U.S. Oil & Gas Exploration & Production ETF	2.64%
FTXN	First Trust Nasdaq Oil & Gas ETF	2.64%
XME	SPDR S&P Metals & Mining ETF	2.56%
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	2.54%
FTXL	First Trust Nasdaq Semiconductor ETF	2.49%
PXE	Invesco Dynamic Energy Exploration & Production ..	2.45%
PXI	Invesco DWA Energy Momentum ETF	2.39%
XSD	SPDR S&P Semiconductor ETF	2.38%

Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
ITA	iShares U.S. Aerospace & Defense ETF	57.57
FBT	First Trust NYSE Arca Biotechnology Index Fund	56.90
PPA	Invesco Aerospace & Defense ETF	56.58
IEZ	iShares U.S. Oil Equipment & Services ETF	56.45
FXH	First Trust Health Care AlphaDEX Fund	56.07
XES	SPDR S&P Oil & Gas Equipment & Services ETF	55.89
ITB	iShares U.S. Home Construction ETF	55.71
XAR	SPDR S&P Aerospace & Defense ETF	55.41
KBWP	Invesco KBW Property & Casualty Insurance ETF	55.25
PXJ	Invesco Dynamic Oil & Gas Services ETF	54.34

Sector & Industry 1 Day Performance Laggards

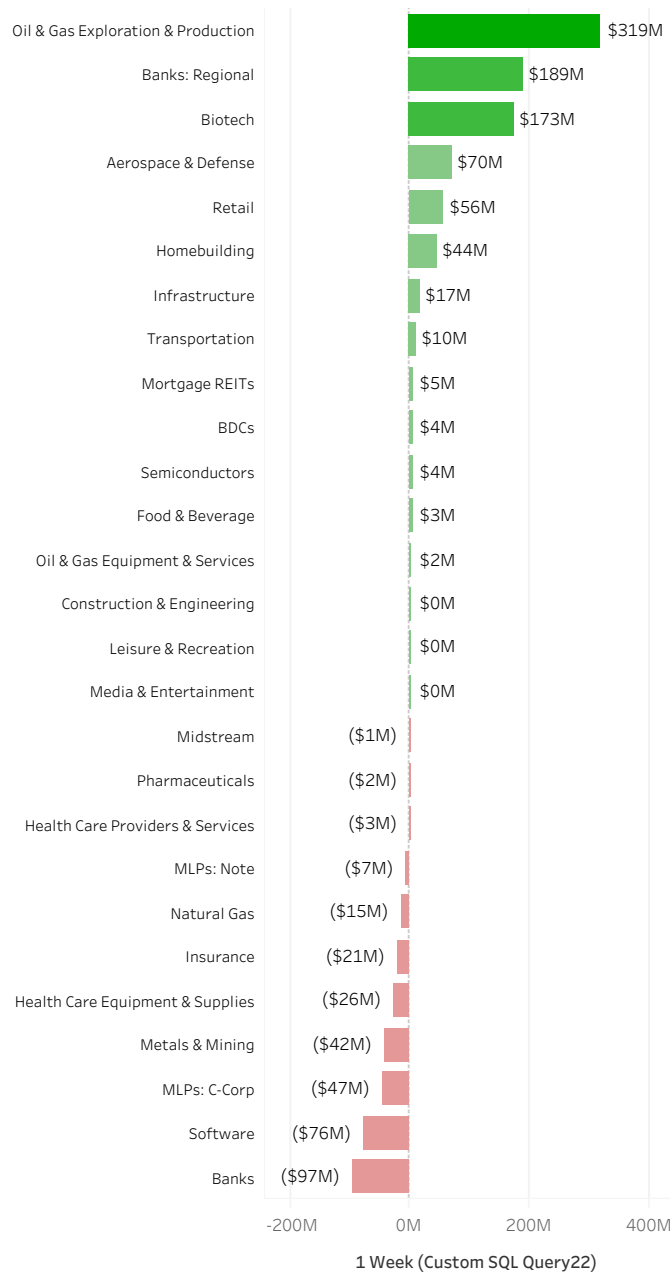
Ticker	Fund	1 Day Performance
NURE	Nuveen Short-Term REIT ETF	-0.37%
KBWY	Invesco KBW Premium Yield Equity REIT ETF	0.10%
PEJ	Invesco Dynamic Leisure & Entertainment ETF	0.33%
EWRE	Invesco S&P 500 Equal Weight Real Estate ETF	0.53%
IGN	iShares North American Tech-Multimedia Networking ..	0.53%
PBE	Invesco Dynamic Biotechnology & Genome ETF	0.59%
REZ	iShares Residential and Multisector Real Estate ETF	0.70%
PSR	Invesco Active U.S. Real Estate Fund	0.71%
FXG	First Trust Consumer Staples AlphaDEX Fund	0.71%
XPH	SPDR S&P Pharmaceuticals ETF	0.76%

Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
JPRE	JPMorgan Realty Income ETF	31.27
KBWY	Invesco KBW Premium Yield Equity REIT ETF	32.84
NURE	Nuveen Short-Term REIT ETF	34.64
XLY	Consumer Discretionary Select Sector SPDR Fund	34.85
VCR	Vanguard Consumer Discretionary ETF	36.41
FDIS	Fidelity MSCI Consumer Discretionary Index ETF	36.60
KRE	SPDR S&P Regional Banking ETF	36.61
KBWR	Invesco KBW Regional Banking ETF	36.63
REZ	iShares Residential and Multisector Real Estate ETF	36.67
XRT	SPDR S&P Retail ETF	37.41

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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	\$11B	(\$19M)	\$316M	(\$27M)	(\$1,138M)
Consumer Discretionary	12	\$19B	\$173M	(\$323M)	(\$935M)	(\$6,699M)
Consumer Staples	10	\$30B	\$293M	\$1,390M	\$2,557M	\$7,868M
Energy	32	\$78B	(\$40M)	\$1,267M	(\$2,450M)	\$106M
Financials	26	\$57B	(\$189M)	\$180M	(\$1,025M)	(\$10,630M)
Health Care	23	\$96B	\$591M	\$3,012M	\$4,005M	\$11,667M
Industrial	13	\$30B	(\$250M)	\$517M	(\$391M)	(\$2,387M)
Materials	9	\$13B	(\$126M)	(\$478M)	(\$2,763M)	(\$1,312M)
Multi-Sector	19	\$13B	(\$29M)	(\$452M)	(\$2,071M)	(\$6,759M)
Real Estate	25	\$59B	(\$43M)	(\$410M)	(\$1,720M)	(\$3,137M)
Technology	23	\$111B	(\$100M)	\$2,713M	\$1,481M	(\$146M)
Utilities	9	\$26B	\$30M	(\$527M)	\$1,123M	\$5,303M

U.S. Sector & Industry Flow Leaders

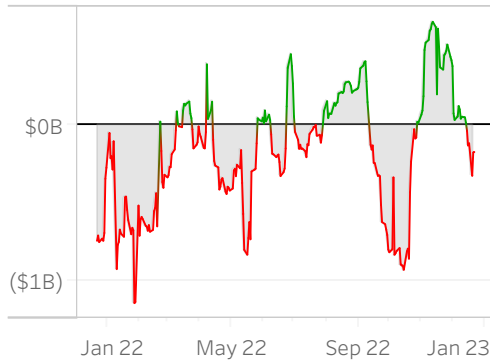
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XOP	SPDR S&P Oil & Gas Exploration & Production E..	\$321M	\$472M	\$35M	(\$500M)	\$4,658M
XLV	Health Care Select Sector SPDR Fund	\$313M	\$1,294M	\$1,920M	\$7,330M	\$41,648M
XLP	Consumer Staples Select Sector SPDR Fund	\$207M	\$1,182M	\$1,527M	\$4,247M	\$17,448M
KRE	SPDR S&P Regional Banking ETF	\$193M	(\$41M)	(\$100M)	(\$1,163M)	\$2,936M
VGT	Vanguard Information Technology ETF	\$177M	\$253M	\$120M	\$381M	\$39,854M
XLY	Consumer Discretionary Select Sector SPDR Fu..	\$166M	(\$304M)	(\$365M)	(\$2,980M)	\$12,839M
ITB	iShares U.S. Home Construction ETF	\$140M	\$44M	(\$86M)	(\$965M)	\$1,401M
IBB	iShares Biotechnology ETF	\$125M	\$381M	\$533M	\$440M	\$8,923M
VHT	Vanguard Health Care ETF	\$105M	\$364M	\$767M	\$986M	\$17,212M
IYZ	iShares U.S. Telecommunications ETF	\$71M	\$102M	\$104M	\$56M	\$432M

U.S. Sector & Industry Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLI	Industrial Select Sector SPDR Fund	(\$316M)	(\$135M)	(\$788M)	(\$2,817M)	\$13,385M
XLE	Energy Select Sector SPDR Fund	(\$257M)	\$330M	(\$1,326M)	(\$1,077M)	\$39,183M
XLF	Financial Select Sector SPDR Fund	(\$246M)	\$472M	(\$272M)	(\$5,489M)	\$31,060M
XLK	Technology Select Sector SPDR Fund	(\$223M)	\$444M	\$793M	\$805M	\$38,359M
VNQ	Vanguard Real Estate ETF	(\$203M)	(\$743M)	(\$1,470M)	(\$2,161M)	\$33,555M
XHB	SPDR S&P Homebuilders ETF	(\$95M)	(\$30M)	(\$194M)	(\$936M)	\$823M
XLC	Communication Services Select Sector SPDR Fu..	(\$93M)	\$245M	(\$214M)	(\$994M)	\$7,840M
FDN	First Trust Dow Jones Internet Index Fund	(\$88M)	(\$85M)	(\$352M)	(\$2,613M)	\$3,600M
IGV	iShares Expanded Tech-Software Sector ETF	(\$81M)	\$680M	\$311M	\$526M	\$4,382M
XLB	Materials Select Sector SPDR Fund	(\$79M)	(\$267M)	(\$1,260M)	(\$1,752M)	\$5,272M

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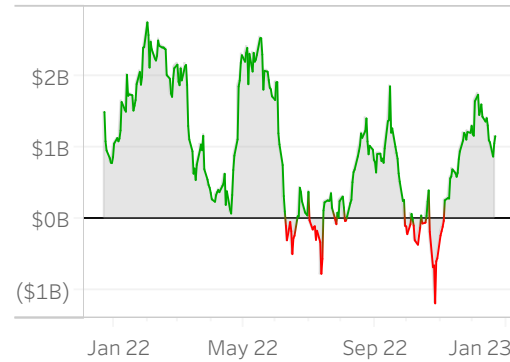
Communication Services



Consumer Discretionary



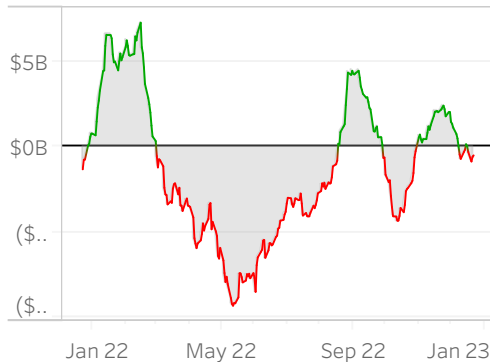
Consumer Staples



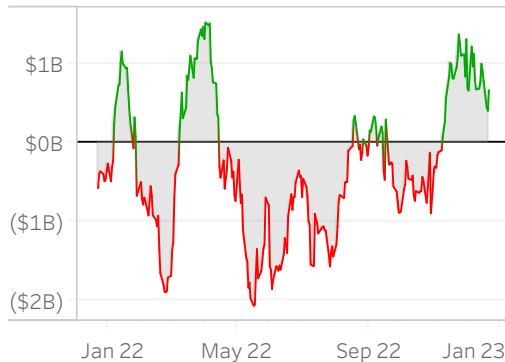
Energy



Financials



Industrial



Health Care



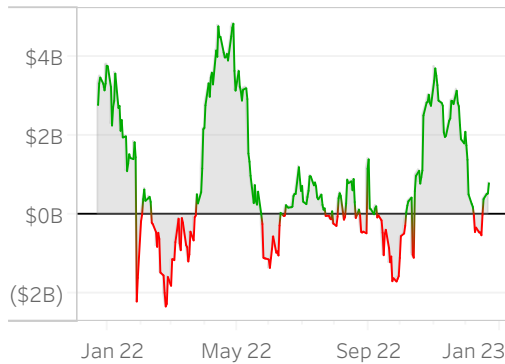
Materials



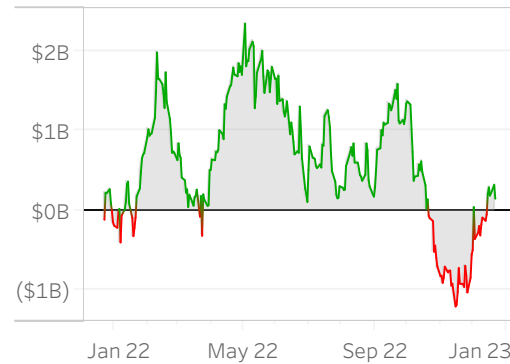
Real Estate



Technology



Utilities

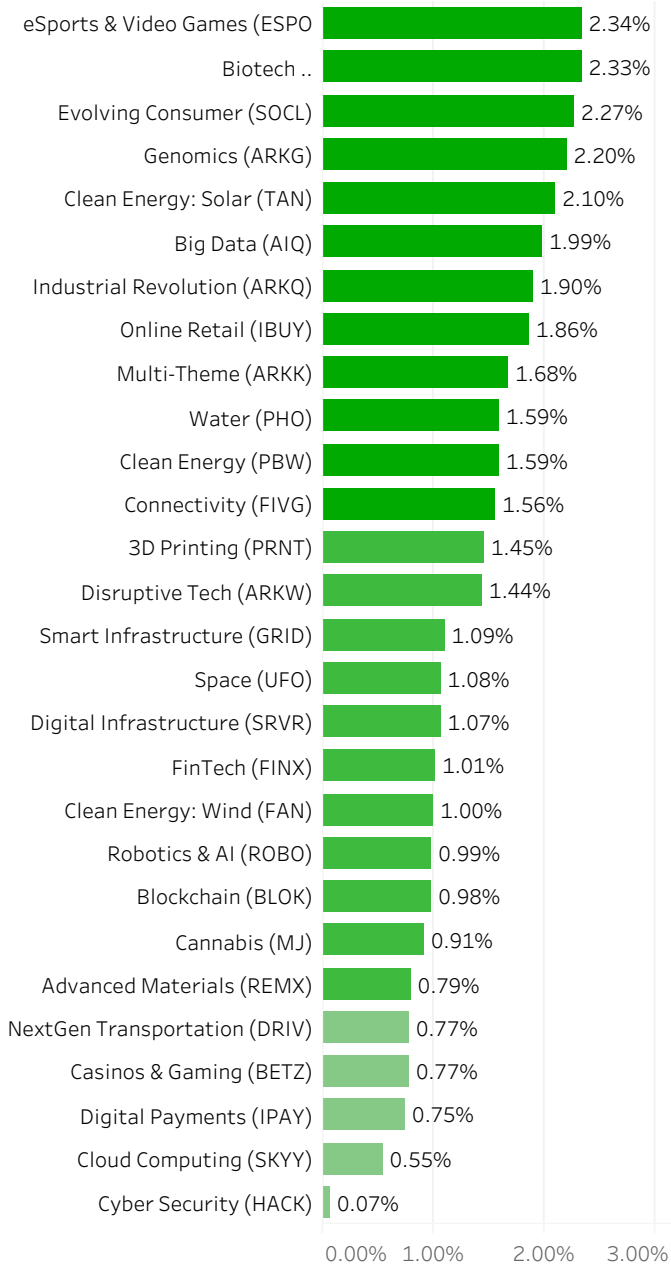


Multi-Sector

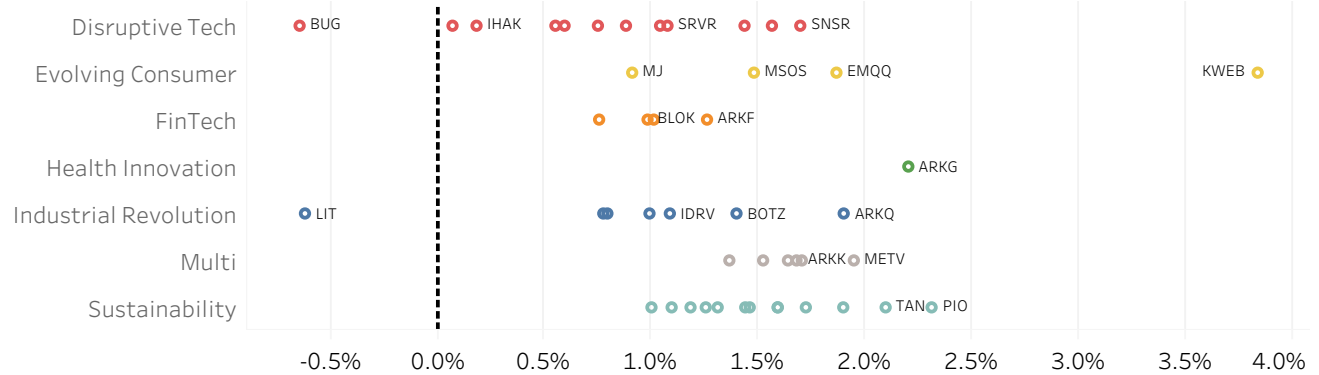


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Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	Performance (%)
KWEB	KraneShares CSI China Internet ETF	3.84%
ONLN	ProShares Online Retail ETF	2.44%
ESPO	VanEck Video Gaming and eSports ETF	2.34%
SBIO	ALPS Medical Breakthroughs ETF	2.33%
PIO	Invesco Global Water ETF	2.31%
SOCL	Global X Social Media ETF	2.27%
ARKG	ARK Genomic Revolution ETF	2.20%
GNOM	Global X Genomics & Biotechnology ETF	2.20%
EDOC	Global X Telemedicine & Digital Health ETF Registered	2.11%
TAN	Invesco Solar ETF	2.10%

Thematic Most Overbought

Ticker	Fund	Value
KWEB	KraneShares CSI China Internet ETF	62.96
EMQQ	EMQQ The Emerging Markets Internet & Ecommerce ETF	57.05
SOCL	Global X Social Media ETF	55.22
HERO	Global X Video Games & Esports ETF	52.28
PIO	Invesco Global Water ETF	51.36
BOTZ	Global X Robotics & Artificial Intelligence ETF	51.04
BTEC	Principal Healthcare Innovators ETF	50.62
FAN	First Trust Global Wind Energy ETF	50.62
SAMT	Strategas Macro Thematic Opportunities ETF	50.48
LEGR	First Trust Indxx Innovative Transaction & Process ETF	50.27

Global Thematic 1-Day Performance Laggards

Ticker	Fund	Performance (%)
BLCN	Siren ETF Trust Siren Nasdaq NexGen Economy ETF	-1.42%
YOLO	AdvisorShares Pure Cannabis ETF	-1.07%
MJUS	ETFMG U.S. Alternative Harvest ETF	-0.78%
BUG	Global X Cybersecurity ETF	-0.65%
LIT	Global X Lithium & Battery Tech ETF	-0.62%
CTEC	Global X CleanTech ETF	0.06%
KARS	KraneShares Electric Vehicles & Future Mobility Index ..	0.07%
HACK	ETFMG Prime Cyber Security ETF	0.07%
IHAK	iShares Cybersecurity & Tech ETF	0.18%
BATT	Amplify Lithium & Battery Technology ETF	0.44%

Thematic Most Oversold

Ticker	Fund	Value
YOLO	AdvisorShares Pure Cannabis ETF	25.99
MJUS	ETFMG U.S. Alternative Harvest ETF	27.24
MSOS	AdvisorShares Pure US Cannabis ETF	28.05
BLCN	Siren ETF Trust Siren Nasdaq NexGen Economy ETF	30.92
MJ	ETFMG Alternative Harvest ETF	31.24
LIT	Global X Lithium & Battery Tech ETF	32.70
REMX	VanEck Rare Earth/Strategic Metals ETF	33.51
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	34.91
PBW	Invesco WilderHill Clean Energy ETF	35.09
HAIL	SPDR S&P Kensho Smart Mobility ETF	35.50

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Thematic 1 Week Flow Leaders

Ticker	Fund	
PBW	Invesco WilderHill Clean Energy ETF	\$48M
TARK	AXS 2X Innovation ETF	\$14M
GNOM	Global X Genomics & Biotechnology ETF	\$10M
WCLD	WisdomTree Cloud Computing Fund	\$4M
PHO	Invesco Water Resources ETF	\$3M
ONLN	ProShares Online Retail ETF	\$3M
TIME	Clockwise Capital Innovation ETF	\$3M
GINN	Goldman Sachs Innovate Equity ETF	\$2M
FAN	First Trust Global Wind Energy ETF	\$2M
FDIG	Fidelity Crypto Industry and Digital Payments ETF	\$2M

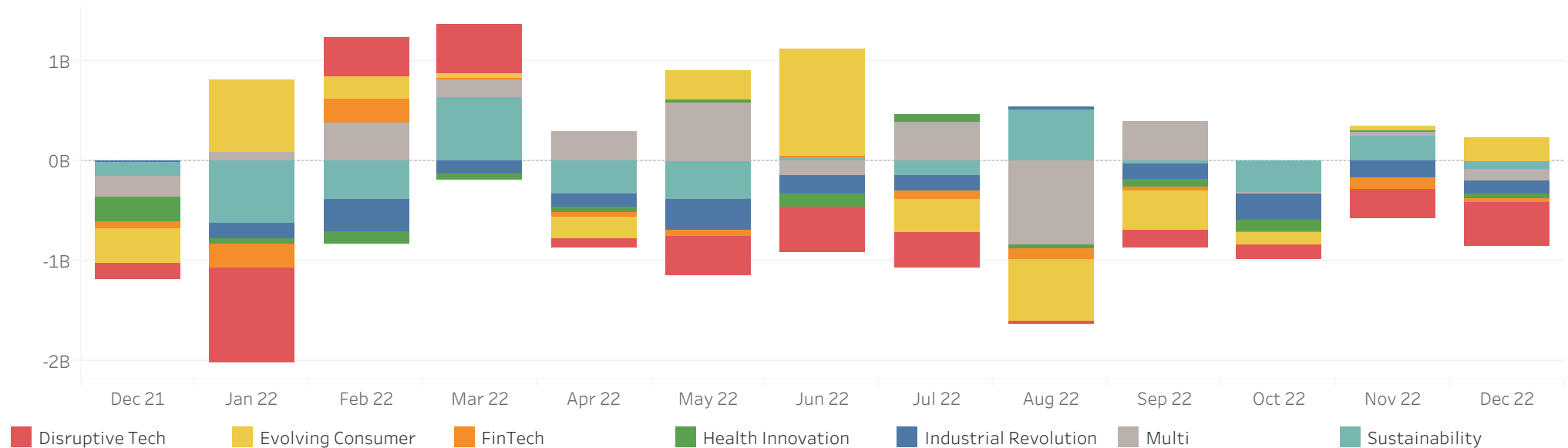
Thematic 1 Week Flow Laggards

Ticker	Fund	
ARKK	ARK Innovation ETF	(\$225M)
KWEB	KraneShares CSI China Internet ETF	(\$111M)
TAN	Invesco Solar ETF	(\$62M)
CIBR	First Trust NASDAQ Cybersecurity ETF	(\$58M)
LIT	Global X Lithium & Battery Tech ETF	(\$57M)
BUG	Global X Cybersecurity ETF	(\$29M)
KOMP	SPDR S&P Kensho New Economies Composite ETF	(\$26M)
SKYY	First Trust Cloud Computing ETF	(\$26M)
NXTG	First Trust Indxx NextG ETF	(\$25M)
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	(\$18M)

Thematic Landscape Assets & Flows

Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	35	\$15B	(\$137M)	(\$892M)	(\$1,467M)	(\$2,552M)
Evolving Consumer	46	\$10B	(\$93M)	(\$104M)	(\$828M)	\$541M
FinTech	22	\$2B	(\$17M)	(\$197M)	(\$404M)	(\$548M)
Health Innovation	19	\$3B	(\$1M)	(\$122M)	(\$248M)	(\$800M)
Industrial Revolution	32	\$10B	(\$70M)	(\$633M)	(\$923M)	(\$2,104M)
Multi	41	\$13B	(\$244M)	\$195M	(\$247M)	\$1,042M
Sustainability	40	\$18B	(\$199M)	(\$223M)	\$341M	(\$1,047M)
Grand Total	235	\$70B	(\$760M)	(\$1,976M)	(\$3,777M)	(\$5,467M)

Thematic Monthly Flows

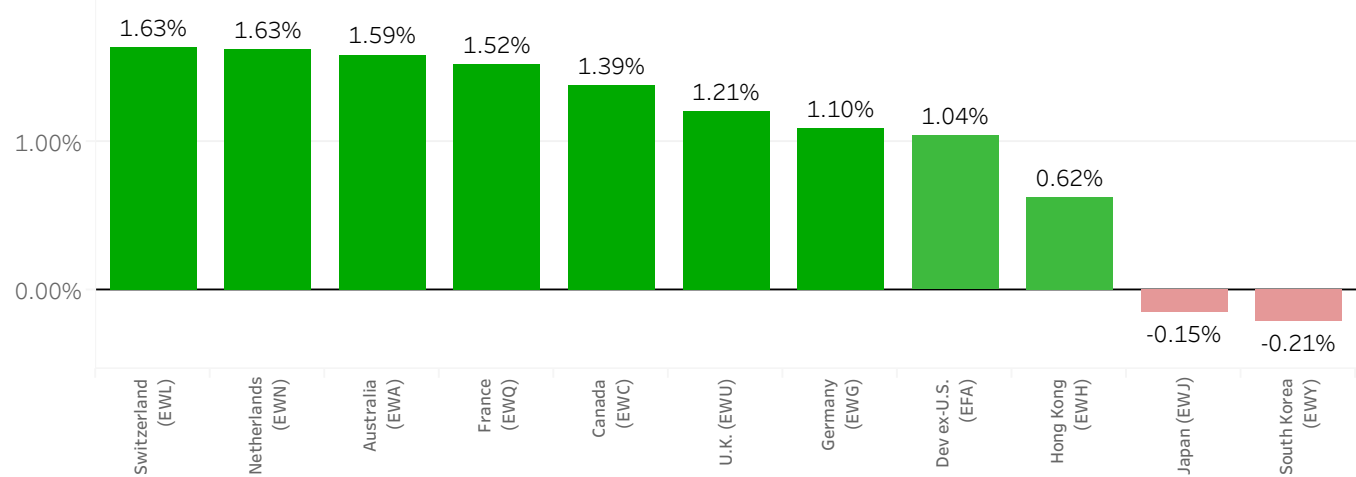


* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

Developed ex-U.S. (EFA)



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



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



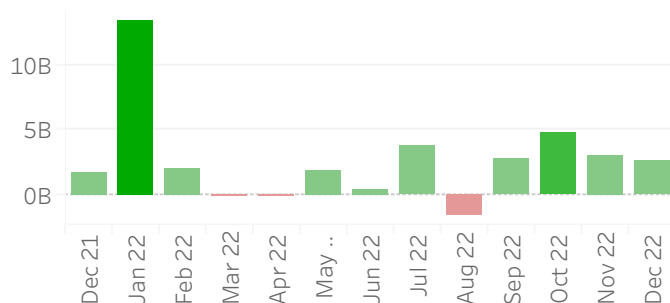
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	Performance
NORW	Global X MSCI Norway ETF	2.32%
FDD	First Trust Stoxx European Select Dividend Index Fund	1.86%
EIRL	iShares MSCI Ireland ETF	1.83%
DFE	WisdomTree Europe SmallCap Dividend Fund	1.80%
IEUS	iShares MSCI Europe Small-Cap ETF	1.74%
DBEU	Xtrackers MSCI Europe Hedged Equity ETF	1.70%
FEZ	SPDR EURO STOXX 50 ETF	1.66%
EWL	iShares MSCI Switzerland ETF	1.63%
EWN	iShares MSCI Netherlands ETF	1.63%
EWA	iShares MSCI Australia ETF	1.59%

Developed ex-U.S. Most Overbought

Ticker	Fund	Value
GREK	Global X MSCI Greece ETF	65.76
EWK	iShares MSCI Hong Kong ETF	62.63
IMOM	Alpha Architect International Quantitative Momentum ETF	62.09
DTH	WisdomTree International High Dividend Fund	62.09
FYLD	Cambria Foreign Shareholder Yield ETF	61.90
EDEN	iShares MSCI Denmark ETF	61.17
IMFL	Invesco International Developed Dynamic Multifactor ETF	60.86
HDEF	Xtrackers MSCI EAFE High Dividend Yield Equity ETF	60.44
IDV	iShares International Select Dividend ETF	60.42
FDD	First Trust Stoxx European Select Dividend Index Fund	60.17

Developed ex-U.S. Monthly Flows



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

Ticker	Fund	Performance
FJP	First Trust Japan AlphaDEX Fund	-1.23%
FDT	First Trust Developed Markets ex-US AlphaDEX Fund	-0.86%
DFJ	WisdomTree Japan SmallCap Dividend Fund	-0.72%
EWJV	iShares MSCI Japan Value ETF	-0.47%
SCJ	iShares MSCI Japan Small-Cap ETF	-0.32%
EWY	iShares MSCI South Korea ETF	-0.21%
FLKR	Franklin FTSE South Korea ETF	-0.20%
FLJP	Franklin FTSE Japan ETF	-0.17%
EWJ	iShares MSCI Japan ETF	-0.15%
CIL	VictoryShares International Volatility Wtd ETF	-0.13%

Developed ex-U.S. Most Oversold

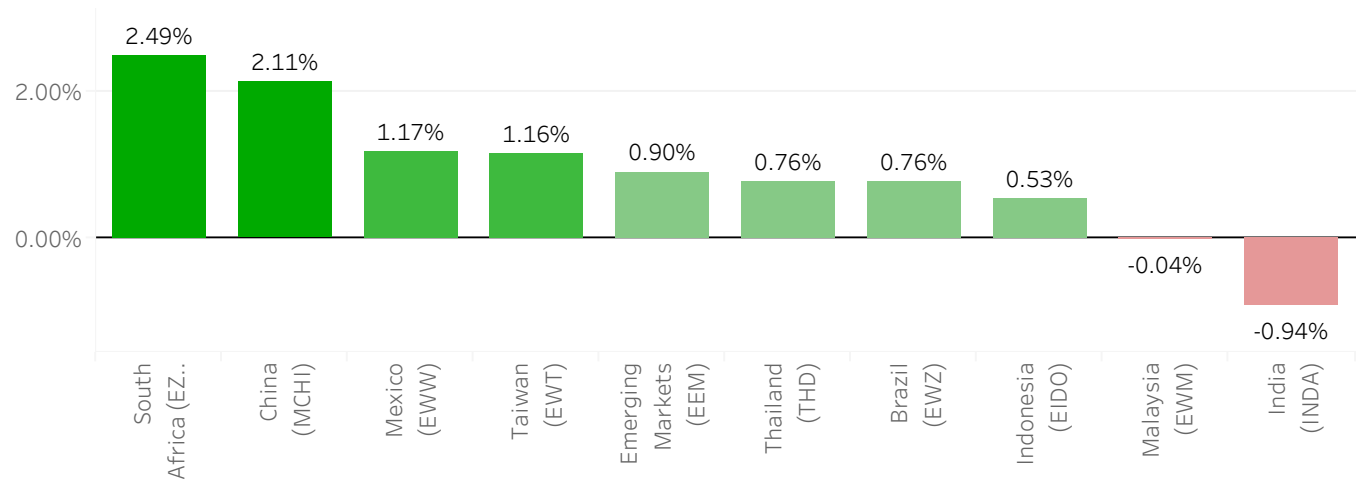
Ticker	Fund	Value
HEWJ	iShares Currency Hedged MSCI Japan ETF	14.04
HSCZ	iShares Currency Hedged MSCI EAFE Small-Cap ETF	23.05
HEFA	iShares Currency Hedged MSCI EAFE ETF	26.24
DBEF	Xtrackers MSCI EAFE Hedged Equity ETF	27.63
HEZU	iShares Currency Hedged MSCI Eurozone ETF	30.81
IHDG	WisdomTree International Hedged Quality Dividend ..	31.83
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	32.33
EIS	iShares MSCI Israel ETF	38.01
FLCA	Franklin FTSE Canada ETF	39.35
ISRA	VanEck Israel ETF	40.90

*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)



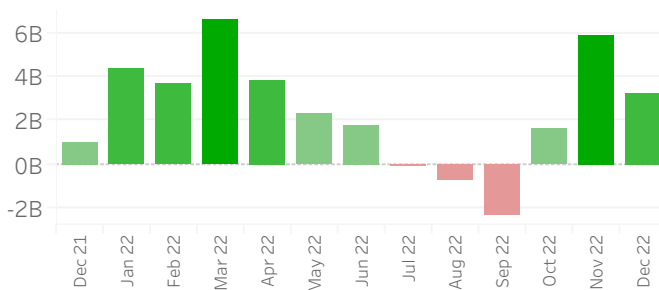
Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Leaders

Ticker	Fund	Performance
PGJ	Invesco Golden Dragon China ETF	3.86%
ECH	iShares MSCI Chile ETF	2.95%
FXI	iShares China Large-Cap ETF	2.81%
FNI	First Trust Chindia ETF	2.57%
ECNS	iShares MSCI China Small-Cap ETF	2.51%
EZA	iShares MSCI South Africa ETF	2.49%
MCHI	iShares MSCI China ETF	2.11%
FLCH	Franklin FTSE China ETF	2.08%
GXC	SPDR S&P China ETF	1.93%
EPOL	iShares MSCI Poland ETF	1.92%

Emerging Most Overbought

Ticker	Fund	Price
TUR	iShares MSCI Turkey ETF	72.23
FEMS	First Trust Emerging Markets Small Cap AlphaDEX Fu..	66.06
EPOL	iShares MSCI Poland ETF	65.63
FEM	First Trust Emerging Markets AlphaDEX Fund	62.45
PGJ	Invesco Golden Dragon China ETF	61.97
UEVM	VictoryShares Emerging Markets Value Momentum E..	60.68
FNI	First Trust Chindia ETF	59.38
DGS	WisdomTree Emerging Markets SmallCap Dividend F..	59.32
EYLD	Cambria Emerging Shareholder Yield ETF	58.97
EPHE	iShares MSCI Philippines ETF	57.45

Emerging 1-Day Performance Laggards

Ticker	Fund	Performance
SMIN	iShares MSCI India Small Cap ETF	-1.52%
EPI	WisdomTree India Earnings Fund	-1.12%
INDA	iShares MSCI India ETF	-0.94%
FLIN	Franklin FTSE India ETF	-0.91%
PIN	Invesco India ETF	-0.83%
NFTY	First Trust India NIFTY 50 Equal Weight ETF	-0.74%
INDY	iShares India 50 ETF	-0.64%
GLIN	VanEck India Growth Leaders ETF	-0.62%
RAYC	Rayliant Quantamental China Equity ETF	-0.50%
PIE	Invesco DWA Emerging Markets Momentum ETF	-0.33%

Emerging Most Oversold

Ticker	Fund	Price
PIN	Invesco India ETF	19.18
KBA	KraneShares Boseri MSCI China A 50 Connect Index ..	25.75
EWT	iShares MSCI Taiwan ETF	28.40
QAT	iShares MSCI Qatar ETF	28.56
INDY	iShares India 50 ETF	32.82
GLIN	VanEck India Growth Leaders ETF	33.51
KSA	iShares MSCI Saudi Arabia ETF	35.71
RAYC	Rayliant Quantamental China Equity ETF	36.46
SMIN	iShares MSCI India Small Cap ETF	37.62
FLIN	Franklin FTSE India ETF	39.31

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

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	0.28%	1.91%	-11.81%
SHY	1-3 Year Treasury Bonds	0.10%	0.87%	-3.60%
IEF	7-10 Year Treasury Bonds	0.12%	1.59%	-13.88%
TLT	20+ Year Treasury Bonds	0.25%	4.13%	-28.39%
TIP	TIPS Bonds	0.54%	1.58%	-11.16%
FLOT	Floating Rate Bonds	0.06%	0.52%	0.92%
LQD	Investment Grade Corporate	0.68%	2.31%	-16.38%
HYG	High Yield Corporate	0.85%	1.58%	-9.75%
BKLN	Senior Loan	0.73%	1.29%	-1.42%
PFF	Preferred & Income Securities	0.23%	-0.18%	-16.71%
MUB	Municipal Bonds	0.14%	1.11%	-7.18%
MBB	MBS	0.26%	1.89%	-10.51%
EMB	Dollar Denominated EM Bonds	1.31%	3.77%	-17.21%
LEMB	Local Currency EM Bond	0.40%	3.83%	-10.68%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	1.32%	-1.54%	17.91%
DBE	Energy	2.30%	-5.89%	31.41%
USO	WTI Crude Oil	2.78%	-1.41%	25.20%
BNO	Brent Crude Oil	2.91%	-5.09%	30.08%
UNG	Natural Gas	1.44%	-22.67%	34.91%
UGA	Gasoline	1.99%	-4.25%	33.69%
DBP	Precious Metals	-0.21%	6.25%	-1.89%
GLD	Gold	-0.17%	4.27%	-1.26%
SLV	Silver	-0.72%	14.95%	2.60%
PPLT	abrdn Physical Platin..	-0.78%	1.43%	3.17%
PALL	abrdn Physical Palla..	-2.52%	-9.70%	-11.14%
DBB	Base Metals	-0.61%	3.00%	-11.21%
CPER	Copper	0.22%	6.81%	-15.22%
LD	Lead	1.85%	2.05%	-0.91%
JJN	Nickel	6.27%	18.49%	44.43%
JJU	Aluminum	0.87%	0.40%	-14.94%
JJT	Tin	1.13%	13.70%	-35.31%
DBA	Agriculture	1.11%	1.04%	1.97%
CORN	Corn	1.19%	-0.11%	22.14%
SOYB	Soybeans	0.51%	2.36%	22.24%
WEAT	Wheat	2.51%	-5.83%	4.87%
CANE	Sugar	0.52%	2.42%	5.76%
BAL	Cotton	0.78%	11.17%	-2.18%
NIB	Cocoa	1.69%	4.47%	-5.95%
JO	Coffee	0.25%	5.52%	-21.04%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	0.25%	-2.97%	10.01%
UDN	Short Dollar	-0.16%	3.57%	-8.56%
FXE	Euro	0.02%	3.69%	-7.37%
FXB	British Pound Sterling	-0.76%	2.17%	-10.46%
FXF	Swiss Franc	0.05%	3.45%	-2.50%
FXJ	Japanese Yen	-0.54%	7.31%	-13.49%
FXC	Canadian Dollar	0.10%	-1.00%	-6.92%
FXA	Australian Dollar	0.68%	1.58%	-7.87%

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