

Large Cap Blend (S&P 500) IVV



Mid Cap Blend (S&P 400) IJH

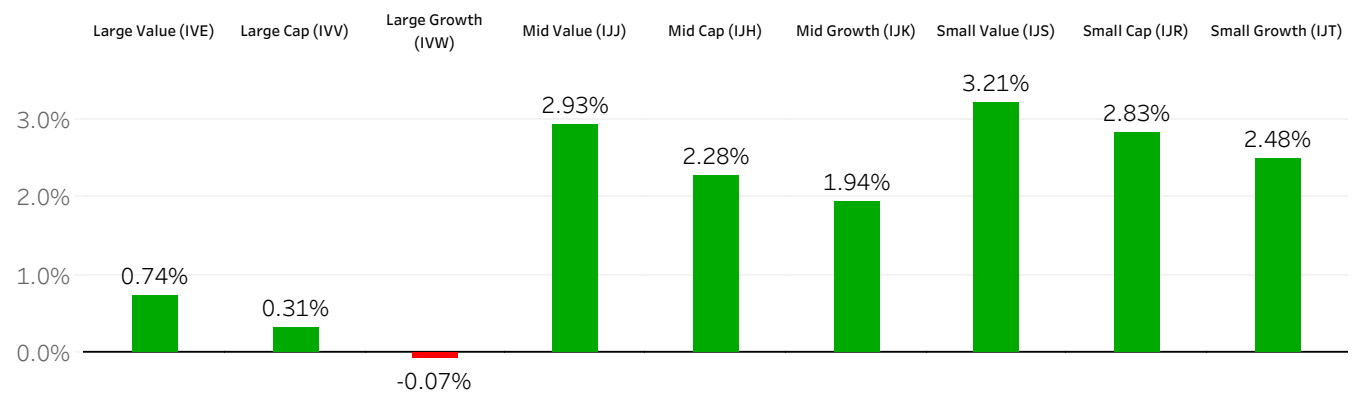


Small Cap Blend (S&P 600) IJR



■ 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
AIEQ	AI Powered Equity ETF	4.15%
GRPM	Invesco S&P MidCap 400 GARP ETF	4.10%
RFV	Invesco S&P Midcap 400 Pure Value ETF	3.80%
SDVY	First Trust SMID Cap Rising Dividend Achievers ETF	3.74%
FNK	First Trust Mid Cap Value AlphaDEX Fund	3.74%
RDIV	Invesco S&P Ultra Dividend Revenue ETF	3.60%
SPDV	AAM S&P 500 High Dividend Value ETF	3.59%
QVAL	Alpha Architect US Quantitative Value ETF	3.51%
SPHB	Invesco S&P 500 High Beta ETF	3.50%
RZV	Invesco S&P Smallcap 600 Pure Value ETF	3.49%

Size & Style Most Overbought

Ticker	Fund	Value
MOAT	VanEck Morningstar Wide Moat ETF	85.74
DIA	SPDR Dow Jones Industrial Average ETF Trust	85.47
SPHB	Invesco S&P 500 High Beta ETF	85.37
EDOW	First Trust Dow 30 Equal Weight ETF	85.00
EUSA	iShares MSCI USA Equal Weighted ETF	84.55
NUMG	Nuveen ESG Mid-Cap Growth ETF	84.43
SIZE	iShares MSCI USA Size Factor ETF	84.02
DJD	Invesco Dow Jones Industrial Average Dividend ETF	84.00
AVSU	Avantis Responsible U.S. Equity ETF	83.97
GSEW	Goldman Sachs Equal Weight U.S. Large Cap Equity ETF	83.96

Size & Style 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
SPLV	Invesco S&P 500 Low Volatility ETF	-1.51%
ALTL	Pacer Lunt Large Cap Alternator ETF	-1.47%
HUSV	First Trust Horizon Managed Volatility Domestic ETF	-1.29%
MBCC	Monarch Blue Chips Core ETF	-1.12%
PWB	Invesco Large Cap Growth ETF	-1.11%
USMV	iShares MSCI USA Min Vol Factor ETF	-1.00%
FDLO	Fidelity Low Volatility Factor ETF	-0.75%
QLV	FlexShares US Quality Low Volatility Index Fund	-0.73%
VFMV	Vanguard U.S. Minimum Volatility ETF	-0.69%
SIXL	ETC 6 Meridian Low Beta Equity ETF	-0.67%

Size & Style Most Oversold

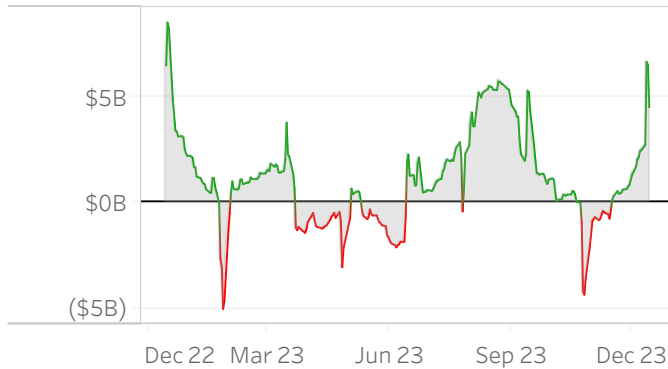
Ticker	Fund	Value
RPHS	Regents Park Hedged Market Strategy ETF	42.26
ALTL	Pacer Lunt Large Cap Alternator ETF	59.77
NULV	Nuveen ESG Large-Cap Value ETF	61.97
SPLV	Invesco S&P 500 Low Volatility ETF	62.79
HUSV	First Trust Horizon Managed Volatility Domestic ETF	64.47
MBCC	Monarch Blue Chips Core ETF	65.14
SPC	CrossingBridge Pre-Merger SPAC ETF	65.72
PWB	Invesco Large Cap Growth ETF	66.47
MTUM	iShares MSCI USA Momentum Factor ETF	66.92
TMFM	Motley Fool Mid-Cap Growth ETF	67.06

*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	26	\$1,604B	\$4.54B	\$63.26B	\$102.25B	\$106.32B
Large Cap, Beta, Beta: Growth	10	\$318B	\$5.46B	\$13.84B	\$15.79B	\$21.33B
Large Cap, Beta, Beta: Value	11	\$244B	\$13.47B	\$17.51B	\$16.60B	\$1.58B
Mid Cap, Beta, Beta	10	\$208B	\$2.90B	\$2.19B	\$9.04B	\$10.37B
Mid Cap, Beta, Beta: Growth	6	\$38B	\$0.25B	\$0.89B	\$0.95B	\$0.85B
Mid Cap, Beta, Beta: Value	6	\$43B	\$2.48B	\$1.23B	\$0.69B	(\$3.49B)
Small Cap, Beta, Beta	11	\$217B	\$2.50B	\$6.70B	\$6.72B	\$10.81B
Small Cap, Beta, Beta: Growth	7	\$35B	\$0.59B	\$1.15B	\$1.27B	\$1.03B
Small Cap, Beta, Beta: Value	7	\$52B	\$2.25B	\$1.65B	\$1.21B	(\$1.63B)

U.S. Size & Style Flow Leaders

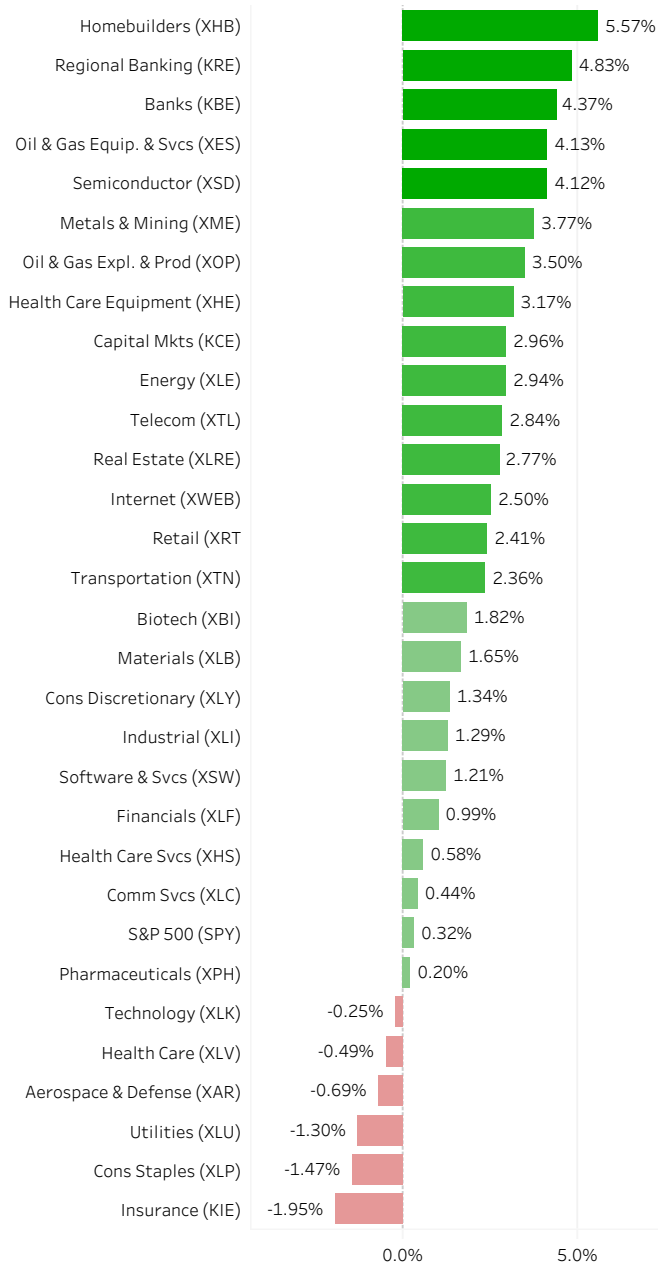
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
IVE	iShares S&P 500 Value ETF	\$7.41B	\$7.56B	\$7.34B	\$1.29B	\$34.35B
VUG	Vanguard Growth ETF	\$4.91B	\$5.52B	\$4.77B	\$8.36B	\$106.46B
IUSV	iShares Core S&P US Value ETF	\$4.24B	\$4.48B	\$4.47B	\$2.06B	\$19.41B
SPYV	SPDR Portfolio S&P 500 Value ETF	\$4.20B	\$5.95B	\$6.64B	\$1.78B	\$19.31B
VTI	Vanguard Total Stock Market ETF	\$2.86B	\$6.69B	\$13.27B	\$22.08B	\$338.49B
VO	Vanguard Mid-Cap ETF	\$2.32B	\$1.73B	\$2.25B	\$2.68B	\$59.26B
IVV	iShares Core S&P 500 ETF	\$2.17B	\$19.39B	\$39.81B	\$35.32B	\$394.78B
IJJ	iShares S&P Mid-Cap 400 Value ETF	\$1.60B	\$1.46B	\$1.24B	(\$0.85B)	\$8.72B
VB	Vanguard Small-Cap ETF	\$1.51B	\$1.27B	\$2.23B	\$2.82B	\$48.48B
VTV	Vanguard Value ETF	\$1.25B	\$0.33B	(\$0.38B)	\$0.47B	\$104.03B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
IWB	iShares Russell 1000 ETF	(\$0.46B)	(\$0.52B)	(\$0.83B)	(\$1.73B)	\$31.91B
QUAL	iShares MSCI USA Quality Factor ETF	(\$0.33B)	\$1.37B	\$1.47B	\$11.26B	\$36.08B
USMV	iShares MSCI USA Min Vol Factor ETF	(\$0.27B)	(\$2.69B)	(\$3.45B)	(\$5.13B)	\$27.19B
SPLV	Invesco S&P 500 Low Volatility ETF	(\$0.10B)	(\$0.60B)	(\$1.01B)	(\$1.99B)	\$8.39B
DGRO	iShares Core Dividend Growth ETF	(\$0.07B)	\$0.20B	\$0.21B	(\$0.87B)	\$24.92B
VTWO	Vanguard Russell 2000 ETF	(\$0.06B)	\$0.34B	\$0.64B	\$1.05B	\$6.82B
DFAT	Dimensional U.S. Targeted Value ETF	(\$0.05B)	\$0.13B	\$0.32B	\$0.76B	\$9.13B
VTHR	Vanguard Russell 3000 ETF	(\$0.05B)	\$0.02B	\$0.05B	\$0.20B	\$1.88B
USSG	Xtrackers MSCI USA ESG Leaders Equity ETF	(\$0.04B)	(\$0.29B)	(\$0.35B)	(\$2.33B)	\$1.03B
IWV	iShares Russell 3000 ETF	(\$0.04B)	(\$0.05B)	\$0.00B	(\$0.67B)	\$12.15B

* 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)
SPY	SPDR S&P 500 ETF Trust	0.00%	25.31%	6.86%	9.38%	79.99
XLC	Communication Services Select Sector SPDR Fund	0.00%	52.53%	4.10%	10.68%	62.70
XLF	Financial Select Sector SPDR Fund	0.00%	21.27%	9.76%	12.00%	83.15
XLI	Industrial Select Sector SPDR Fund	0.00%	17.35%	9.10%	9.54%	83.15
XLY	Consumer Discretionary Select Sector SPDR Fund	0.00%	41.64%	9.50%	11.66%	80.92
XLK	Technology Select Sector SPDR Fund	-0.25%	57.40%	8.10%	14.93%	72.88
XLB	Materials Select Sector SPDR Fund	-0.38%	14.68%	7.98%	6.65%	74.94
XLV	Health Care Select Sector SPDR Fund	-0.76%	9.88%	4.65%	3.28%	72.50
XLRE	Real Estate Select Sector SPDR Fund	-3.20%	25.78%	14.57%	11.20%	84.24
XLP	Consumer Staples Select Sector SPDR Fund	-8.08%	7.58%	3.27%	-1.87%	57.90
XLE	Energy Select Sector SPDR Fund	-9.22%	10.65%	-0.92%	0.40%	53.55
XLU	Utilities Select Sector SPDR Fund	-9.68%	15.86%	6.46%	0.87%	65.02

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
ITB	iShares U.S. Home Construction ETF	6.17%
XHB	SPDR S&P Homebuilders ETF	5.57%
IAT	iShares U.S. Regional Banks ETF	5.55%
KBWB	Invesco KBW Bank ETF	5.11%
KRE	SPDR S&P Regional Banking ETF	4.83%
FTXO	First Trust Nasdaq Bank ETF	4.69%
KBWR	Invesco KBW Regional Banking ETF	4.52%
KBE	SPDR S&P Bank ETF	4.37%
PKB	Invesco Building & Construction ETF	4.26%
INDS	Pacer Industrial Real Estate ETF	4.17%

Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
ITB	iShares U.S. Home Construction ETF	89.90
XHB	SPDR S&P Homebuilders ETF	87.63
INDS	Pacer Industrial Real Estate ETF	87.32
KCE	SPDR S&P Capital Markets ETF	86.81
IYG	iShares US Financial Services ETF	86.01
PKB	Invesco Building & Construction ETF	85.77
KBWB	Invesco KBW Bank ETF	85.44
RSPF	Invesco S&P 500 Equal Weight Financials ETF	85.24
VFH	Vanguard Financials ETF	85.01
FNCL	Fidelity MSCI Financials Index ETF	84.91

Sector & Industry 1 Day Performance Laggards

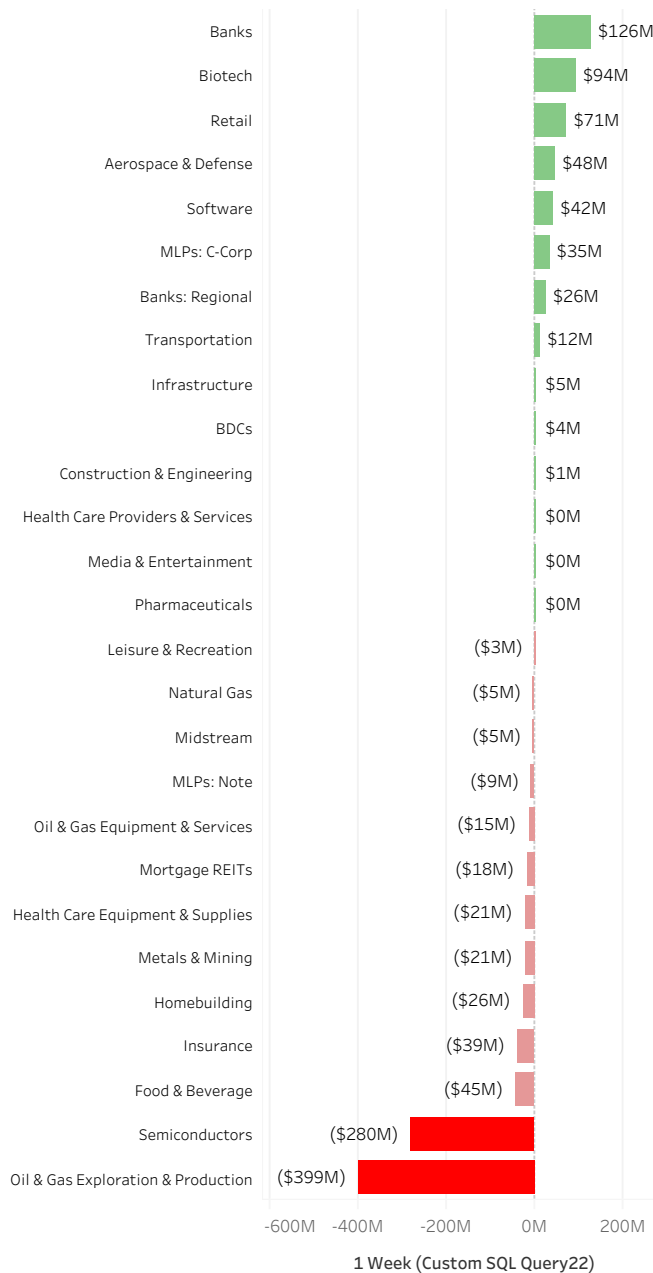
Ticker	Fund	1 Day Performance
KBWP	Invesco KBW Property & Casualty Insurance ETF	-2.31%
KIE	SPDR S&P Insurance ETF	-1.95%
IAK	iShares U.S. Insurance ETF	-1.64%
IYK	iShares U.S. Consumer Staples ETF	-1.59%
XLP	Consumer Staples Select Sector SPDR Fund	-1.47%
RSPU	Invesco S&P 500 Equal Weight Utilities ETF	-1.45%
FTXG	First Trust Nasdaq Food & Beverage ETF	-1.36%
IGV	iShares Expanded Tech-Software Sector ETF	-1.34%
FSTA	FIDELITY COVINGTON TRUST MSCI CONSUMER STAPL..	-1.34%
XLU	Utilities Select Sector SPDR Fund	-1.30%

Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
MLPA	Global X MLP ETF	46.78
AMLMP	Alerian MLP ETF	47.94
FCG	First Trust Natural Gas ETF	48.42
KBWP	Invesco KBW Property & Casualty Insurance ETF	48.48
PXJ	Invesco Oil & Gas Services ETF	49.49
FXN	First Trust Energy AlphaDEX Fund	50.48
PXE	Invesco Energy Exploration & Production ETF	50.84
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	51.00
PSCE	Invesco S&P SmallCap Energy ETF	51.78
IEZ	iShares U.S. Oil Equipment & Services ETF	51.79

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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	\$19B	\$120M	\$882M	\$1,849M	\$3,481M
Consumer Discretionary	12	\$28B	\$871M	\$242M	\$1,596M	\$3,385M
Consumer Staples	10	\$25B	(\$495M)	(\$2,307M)	(\$3,805M)	(\$2,876M)
Energy	30	\$69B	(\$985M)	\$700M	\$1,425M	(\$7,644M)
Financials	26	\$60B	(\$68M)	(\$1,289M)	(\$1,477M)	(\$1,434M)
Health Care	23	\$87B	\$466M	(\$3,207M)	(\$5,602M)	(\$8,918M)
Industrial	13	\$35B	\$213M	(\$550M)	\$274M	\$1,385M
Materials	9	\$11B	(\$461M)	(\$1,337M)	(\$2,066M)	(\$2,630M)
Multi-Sector	17	\$20B	\$448M	(\$373M)	\$1,007M	\$2,526M
Real Estate	25	\$58B	\$365M	\$1,234M	\$1,561M	(\$2,225M)
Technology	23	\$173B	\$768M	\$5,367M	\$4,476M	\$5,753M
Utilities	9	\$21B	\$134M	(\$1,214M)	(\$1,890M)	(\$1,787M)

U.S. Sector & Industry Flow Leaders

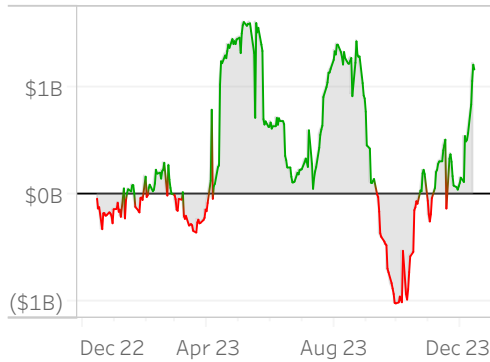
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLY	Consumer Discretionary Select Sector SPDR Fu..	\$782M	\$429M	\$1,569M	\$2,350M	\$19,602M
XLK	Technology Select Sector SPDR Fund	\$550M	\$2,988M	\$2,186M	\$764M	\$58,588M
FDN	First Trust Dow Jones Internet Index Fund	\$437M	(\$194M)	\$108M	\$754M	\$6,104M
XLV	Health Care Select Sector SPDR Fund	\$323M	(\$1,614M)	(\$3,329M)	(\$2,893M)	\$38,696M
IYR	iShares U.S. Real Estate ETF	\$237M	\$1,378M	\$1,193M	\$285M	\$4,419M
IYW	iShares U.S. Technology ETF	\$192M	\$1,377M	(\$248M)	\$891M	\$13,917M
XLC	Communication Services Select Sector SPDR Fu..	\$175M	\$985M	\$1,623M	\$3,335M	\$15,648M
VGT	Vanguard Information Technology ETF	\$153M	\$909M	\$785M	(\$141M)	\$57,931M
XLI	Industrial Select Sector SPDR Fund	\$134M	(\$345M)	(\$232M)	(\$112M)	\$15,441M
IBB	iShares Biotechnology ETF	\$128M	(\$491M)	(\$546M)	(\$1,517M)	\$7,180M

U.S. Sector & Industry Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLE	Energy Select Sector SPDR Fund	(\$564M)	\$999M	\$1,063M	(\$2,043M)	\$35,763M
XLB	Materials Select Sector SPDR Fund	(\$426M)	(\$680M)	(\$959M)	(\$654M)	\$4,980M
XLP	Consumer Staples Select Sector SPDR Fund	(\$355M)	(\$1,181M)	(\$1,646M)	(\$954M)	\$15,698M
XOP	SPDR S&P Oil & Gas Exploration & Production E..	(\$323M)	(\$172M)	(\$220M)	(\$1,151M)	\$3,111M
SOXX	iShares Semiconductor ETF	(\$273M)	(\$320M)	\$316M	\$138M	\$9,601M
XLF	Financial Select Sector SPDR Fund	(\$169M)	(\$1,102M)	(\$1,070M)	(\$894M)	\$33,469M
IEO	iShares U.S. Oil & Gas Exploration & Production..	(\$73M)	(\$67M)	\$73M	(\$265M)	\$736M
XHB	SPDR S&P Homebuilders ETF	(\$70M)	(\$8M)	\$32M	\$166M	\$1,555M
FXG	First Trust Consumer Staples AlphaDEX Fund	(\$62M)	(\$205M)	(\$220M)	(\$213M)	\$459M
VNQ	Vanguard Real Estate ETF	(\$50M)	(\$1,094M)	(\$591M)	(\$2,454M)	\$31,571M

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Communication Services



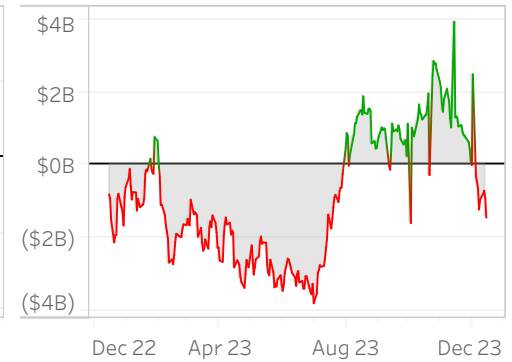
Consumer Discretionary



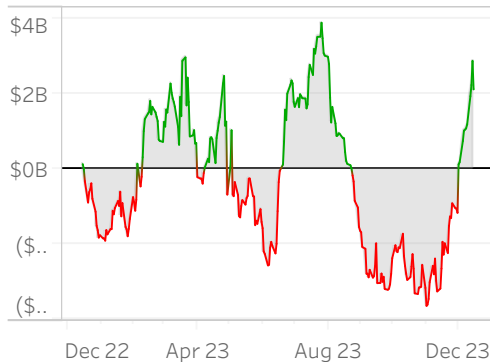
Consumer Staples



Energy



Financials



Industrial



Health Care



Materials



Real Estate



Technology



Utilities

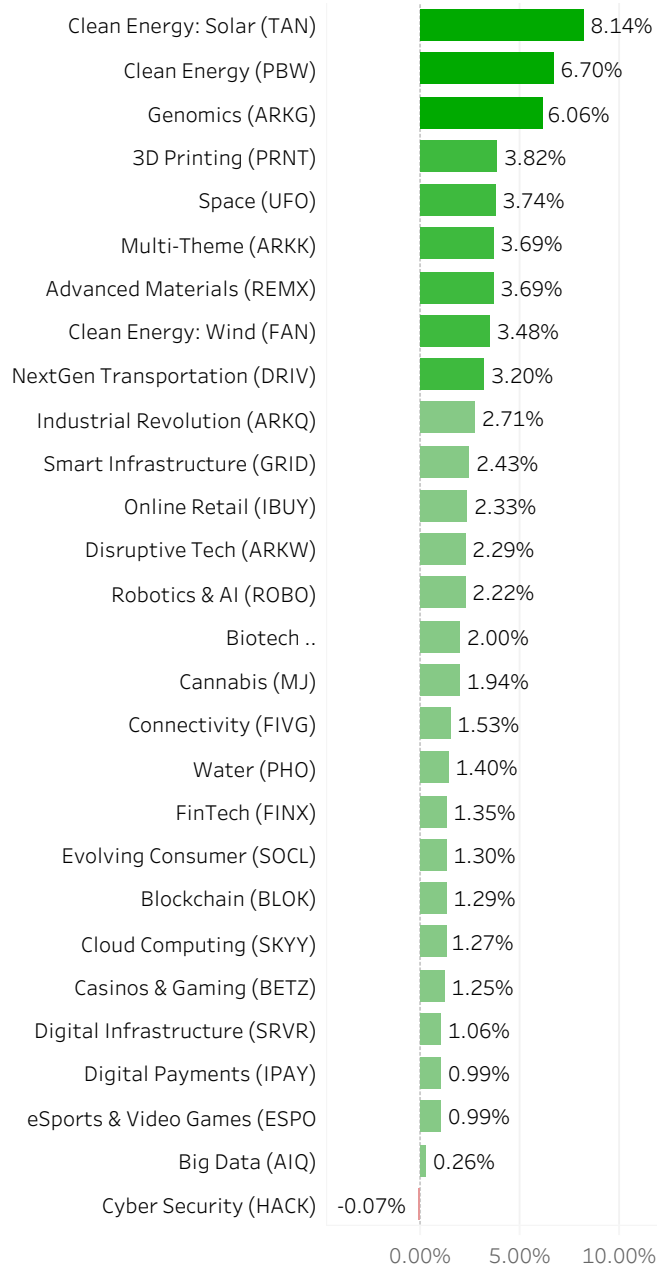


Multi-Sector

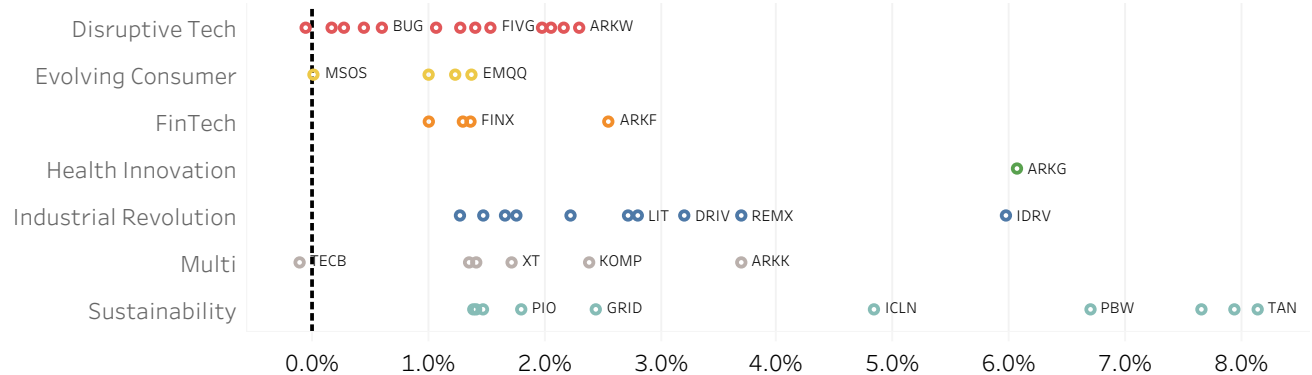


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Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
TAN	Invesco Solar ETF	8.14%
ACES	ALPS Clean Energy ETF	7.94%
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	7.65%
CTEC	Global X CleanTech ETF	6.70%
PBW	Invesco WilderHill Clean Energy ETF	6.70%
PBD	Invesco Global Clean Energy ETF	6.37%
ARKG	ARK Genomic Revolution ETF	6.06%
IDRV	iShares Self-driving EV & Tech ETF	5.97%
ERTH	Invesco MSCI Sustainable Future ETF	5.04%
ICLN	iShares Global Clean Energy ETF	4.83%

Thematic Most Overbought

Ticker	Fund	Value
IHAK	iShares Cybersecurity & Tech ETF	87.21
PIO	Invesco Global Water ETF	86.66
BUG	Global X Cybersecurity ETF	86.18
MILN	Global X Millennial Consumer ETF	86.00
CIBR	First Trust NASDAQ Cybersecurity ETF	84.97
ARKF	ARK Fintech Innovation ETF	84.70
FINX	Global X FinTech ETF	84.39
FIW	First Trust Water ETF	84.39
PHO	Invesco Water Resources ETF	83.94
DTEC	ALPS Disruptive Technologies ETF	83.68

Global Thematic 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
SAMT	Strategas Macro Thematic Opportunities ETF	-0.93%
TECB	iShares U.S. Tech Breakthrough Multisector ETF	-0.12%
HACK	ETFMG Prime Cyber Security ETFMG Prime Cyber Secu..	-0.07%
MSOS	AdvisorShares Pure US Cannabis ETF	0.00%
EVX	VanEck Environmental Services ETF	0.15%
IHAK	iShares Cybersecurity & Tech ETF	0.16%
AIQ	Global X Artificial Intelligence & Technology ETF	0.26%
PAWZ	ProShares Pet Care ETF	0.35%
CIBR	First Trust NASDAQ Cybersecurity ETF	0.43%
AGNG	Global X Aging Population ETF	0.57%

Thematic Most Oversold

Ticker	Fund	Value
KGRN	KraneShares MSCI China Clean Technology Index ETF	39.59
MJUS	ETFMG U.S. Alternative Harvest ETF	43.32
MSOS	AdvisorShares Pure US Cannabis ETF	44.45
MJ	ETFMG Alternative Harvest ETFMG Alternative Harvest	49.56
KWEB	KraneShares CSI China Internet ETF	50.15
SAMT	Strategas Macro Thematic Opportunities ETF	53.42
REMX	VanEck Rare Earth/Strategic Metals ETF	55.01
LIT	Global X Lithium & Battery Tech ETF	55.87
BATT	Amplify Lithium & Battery Technology ETF	57.11
KARS	KraneShares Electric Vehicles & Future Mobility Index ETF	58.79

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Thematic 1 Week Flow Leaders

Ticker	Fund	Flow
BLOK	Amplify Transformational Data Sharing ETF	\$107M
ARKK	ARK Innovation ETF	\$95M
AIQ	Global X Artificial Intelligence & Technology ETF	\$28M
WCLD	WisdomTree Cloud Computing Fund	\$19M
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	\$14M
MSOS	AdvisorShares Pure US Cannabis ETF	\$10M
ROBT	First Trust Nasdaq Artificial Intelligence & Robotics ETF	\$9M
WTAI	WisdomTree Artificial Intelligence and Innovation Fund	\$8M
ARKW	ARK Next Generation Internet ETF	\$7M
IRBO	iShares Robotics and Artificial Intelligence Multisector ETF	\$7M

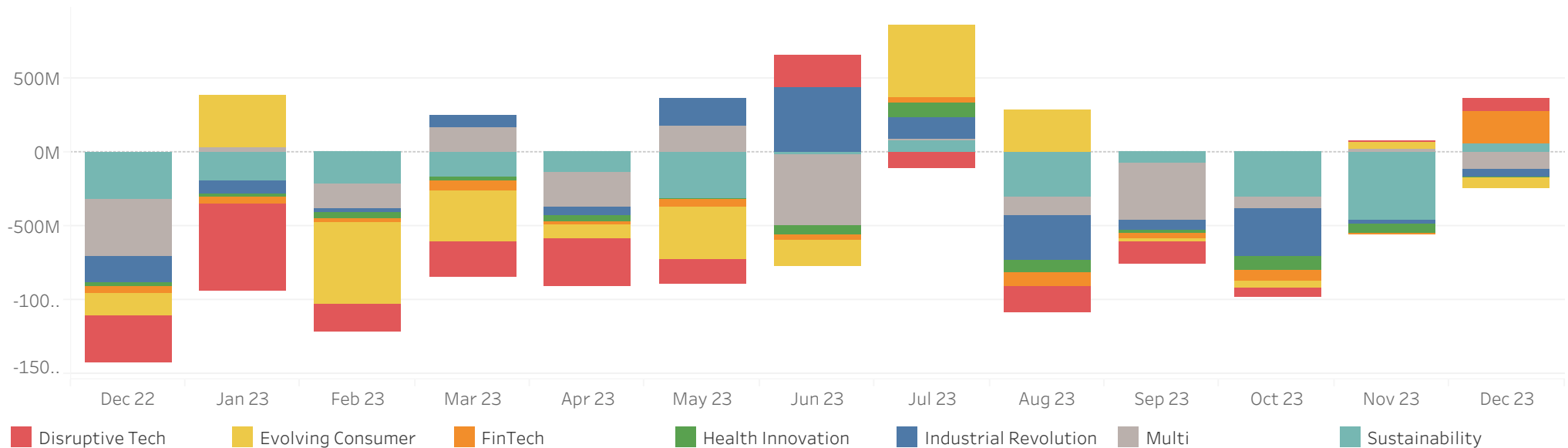
Thematic 1 Week Flow Laggards

Ticker	Fund	Flow
LIT	Global X Lithium & Battery Tech ETF	(\$40M)
KWEB	KraneShares CSI China Internet ETF	(\$39M)
EMQQ	EMQQ The Emerging Markets Internet & Ecommerce ETF	(\$20M)
XT	iShares Exponential Technologies ETF	(\$12M)
FINX	Global X FinTech ETF	(\$9M)
ICLN	iShares Global Clean Energy ETF	(\$9M)
TARK	AXS 2X Innovation ETF	(\$7M)
PHO	Invesco Water Resources ETF	(\$7M)
ARKG	ARK Genomic Revolution ETF	(\$6M)
ARKQ	ARK Autonomous Technology & Robotics ETF	(\$5M)

Thematic Landscape Assets & Flows

Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	33	\$18B	\$17M	(\$100M)	(\$376M)	(\$2,002M)
Evolving Consumer	37	\$9B	(\$78M)	(\$94M)	\$704M	(\$633M)
FinTech	17	\$3B	\$79M	\$141M	\$31M	(\$230M)
Health Innovation	17	\$2B	(\$8M)	(\$121M)	(\$193M)	(\$422M)
Industrial Revolution	30	\$10B	(\$40M)	(\$427M)	(\$502M)	(\$265M)
Multi	35	\$16B	\$145M	(\$359M)	(\$889M)	(\$1,595M)
Sustainability	40	\$13B	(\$23M)	(\$776M)	(\$1,242M)	(\$2,440M)
Grand Total	209	\$71B	\$90M	(\$1,736M)	(\$2,468M)	(\$7,587M)

Thematic Monthly Flows

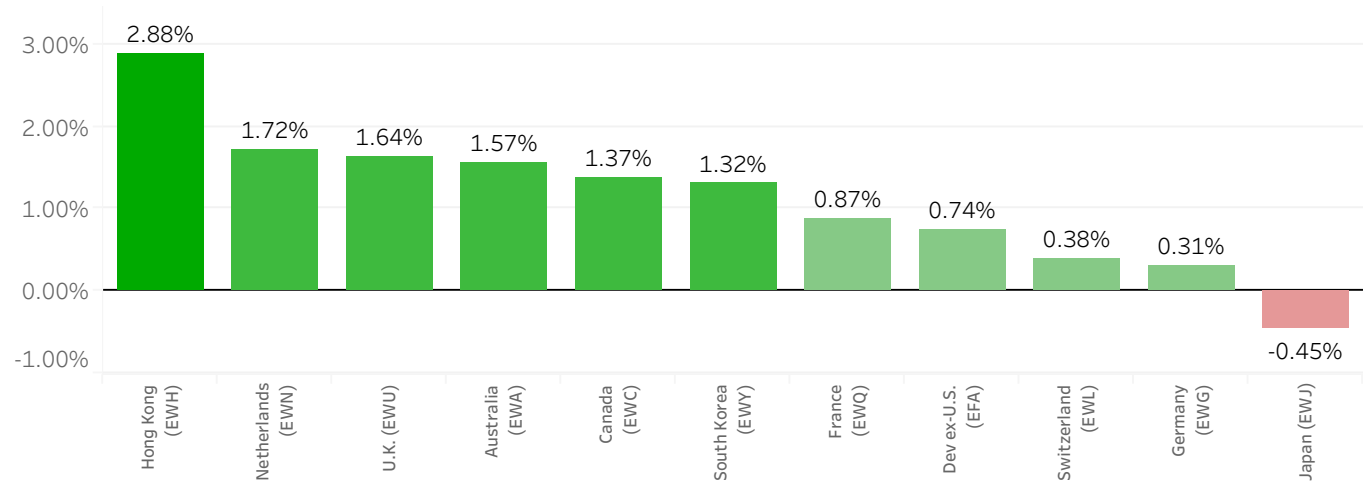


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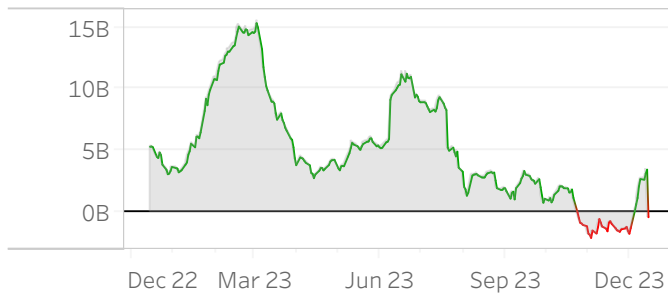
Developed ex-U.S. (EFA)



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



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



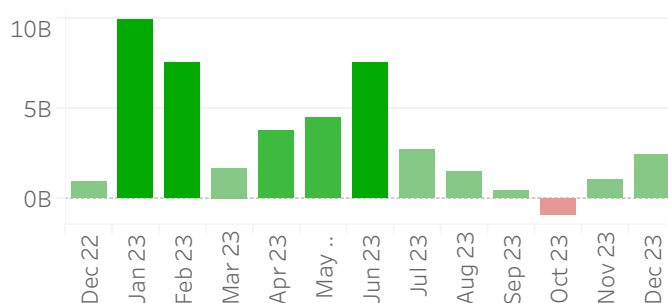
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
DFE	WisdomTree Europe SmallCap Dividend Fund	3.46%
IEUS	iShares MSCI Europe Small-Cap ETF	3.17%
EWH	iShares MSCI Hong Kong ETF	2.88%
EWD	iShares MSCI Sweden ETF	2.32%
EDEN	iShares MSCI Denmark ETF	2.27%
EWO	iShares MSCI Austria ETF	2.14%
SCHC	Schwab International Small-Cap Equity ETF	2.09%
ISCF	iShares International SmallCap Equity Factor ETF	2.08%
DLS	WisdomTree International SmallCap Dividend Fund	1.96%
ISVL	iShares International Developed Small Cap Value Factor ETF	1.88%

Developed ex-U.S. Most Overbought

Ticker	Fund	Price
EFAD	ProShares MSCI EAFE Dividend Growers ETF	84.02
EWG	iShares MSCI Germany ETF	83.57
FEZ	SPDR EURO STOXX 50 ETF	83.55
EWN	iShares MSCI Netherlands ETF	83.54
EZU	iShares MSCI Eurozone ETF	82.99
EWD	iShares MSCI Sweden ETF	82.86
DAX	Global X DAX Germany ETF	82.79
EWQ	iShares MSCI France ETF	82.63
IQDG	WisdomTree International Quality Dividend Growth Fund	82.55
BBEU	JPMorgan BetaBuilders Europe ETF	82.48

Developed ex-U.S. Monthly Flows



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

Ticker	Fund	1-Day Performance
DXJ	WisdomTree Japan Hedged Equity Fund	-1.82%
FJP	First Trust Japan AlphaDEX Fund	-1.59%
HEWJ	iShares Currency Hedged MSCI Japan ETF	-1.39%
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	-1.26%
DXJS	WisdomTree Japan Hedged SmallCap Equity Fund	-1.22%
EWJV	iShares MSCI Japan Value ETF	-0.74%
IMOM	Alpha Architect International Quantitative Momentum ETF	-0.52%
BBJP	JPMorgan BetaBuilders Japan ETF	-0.47%
FLJP	Franklin FTSE Japan ETF	-0.46%
EWJ	iShares MSCI Japan ETF	-0.45%

Developed ex-U.S. Most Oversold

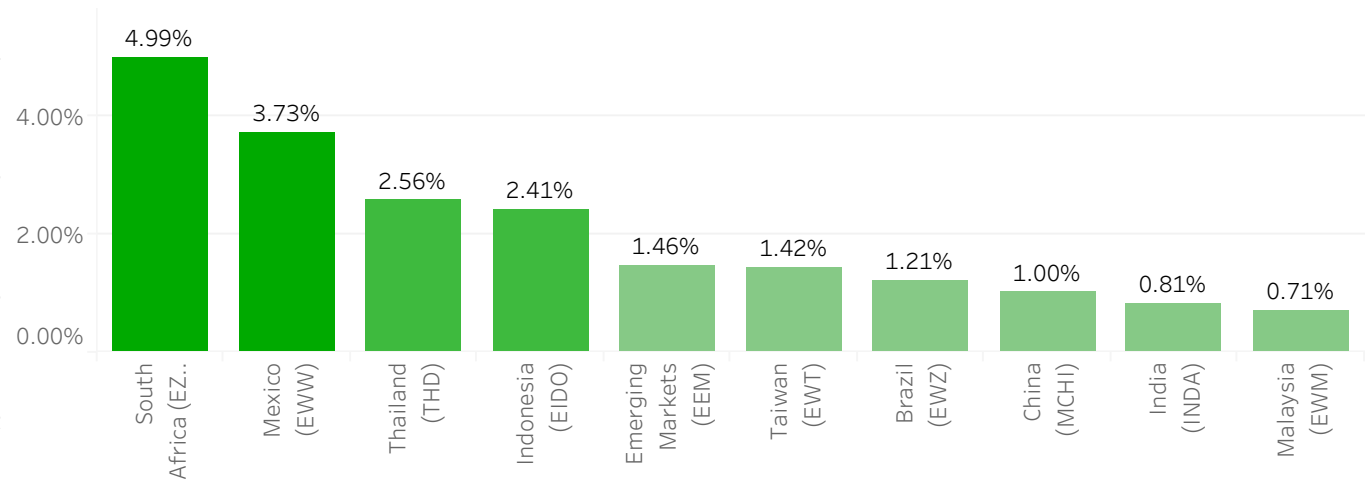
Ticker	Fund	Price
DXJ	WisdomTree Japan Hedged Equity Fund	40.38
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	43.92
HEWJ	iShares Currency Hedged MSCI Japan ETF	44.47
LVHI	Franklin International Low Volatility High Dividend I..	44.69
DXJS	WisdomTree Japan Hedged SmallCap Equity Fund	48.26
FJP	First Trust Japan AlphaDEX Fund	51.94
EWJ	iShares MSCI Hong Kong ETF	53.74
AIA	iShares Asia 50 ETF	55.48
NUDM	Nuveen ESG International Developed Markets Equit..	55.60
EWJV	iShares MSCI Japan Value ETF	57.32

*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



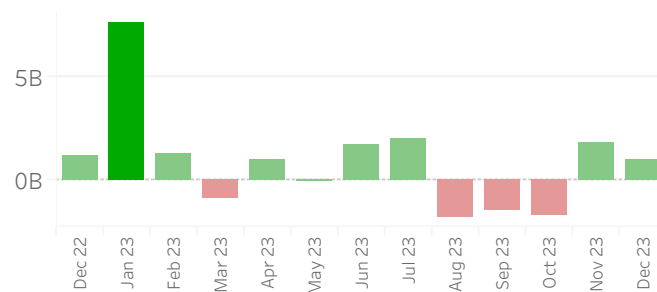
Emerging 1-Day Performance Leaders

Ticker	Fund	Performance
EZA	iShares MSCI South Africa ETF	4.99%
EPU	iShares MSCI Peru and Global Exposure ETF	3.75%
EWW	iShares MSCI Mexico ETF	3.73%
TUR	iShares MSCI Turkey ETF	2.84%
THD	iShares MSCI Thailand ETF	2.56%
EIDO	iShares MSCI Indonesia ETF	2.41%
FEMS	First Trust Emerging Markets Small Cap AlphaDEX Fund	2.39%
ILF	iShares Latin America 40 ETF	2.13%
ECNS	iShares MSCI China Small-Cap ETF	2.05%
ECOW	Pacer Emerging Markets Cash Cows 100 ETF	2.03%

Emerging Most Overbought

Ticker	Fund	Price
INDY	iShares India 50 ETF	85.46
INDA	iShares MSCI India ETF	82.62
FLIN	Franklin FTSE India ETF	82.10
EPI	WisdomTree India Earnings Fund	81.89
PIN	Invesco India ETF	81.58
GLIN	VanEck India Growth Leaders ETF	81.46
EWW	iShares MSCI Mexico ETF	79.38
NFTY	First Trust India NIFTY 50 Equal Weight ETF	78.69
DGRE	WisdomTree Emerging Markets Quality Dividend Gro..	78.12
SMIN	iShares MSCI India Small Cap ETF	77.03

Emerging Monthly Flows



Emerging 1-Day Performance Laggards

Ticker	Fund	Performance
CNYA	iShares MSCI China A ETF	-0.27%
RAYC	Rayliant Quantamental China Equity ETF	-0.24%
KBA	KraneShares Bosera MSCI China A 50 Connect Index ETF	-0.19%
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	-0.08%
NFTY	First Trust India NIFTY 50 Equal Weight ETF	0.08%
SMIN	iShares MSCI India Small Cap ETF	0.42%
INDY	iShares India 50 ETF	0.60%
EPOL	iShares MSCI Poland ETF	0.61%
EWX	SPDR S&P Emerging Markets Small Cap ETF	0.67%
EPI	WisdomTree India Earnings Fund	0.67%

Emerging Most Oversold

Ticker	Fund	Price
KBA	KraneShares Bosera MSCI China A 50 Connect Index ..	34.50
RAYC	Rayliant Quantamental China Equity ETF	35.45
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	36.50
FXI	iShares China Large-Cap ETF	38.56
CNYA	iShares MSCI China A ETF	40.10
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	40.46
FLCH	Franklin FTSE China ETF	42.02
MCHI	iShares MSCI China ETF	43.01
ECNS	iShares MSCI China Small-Cap ETF	44.71
TUR	iShares MSCI Turkey ETF	44.84

*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	0.81%	4.58%	5.30%
SHY	1-3 Year Treasury Bonds	0.17%	1.18%	3.86%
IEF	7-10 Year Treasury Bonds	0.83%	4.44%	3.30%
TLT	20+ Year Treasury Bonds	2.59%	11.00%	2.93%
TIP	TIPS Bonds	1.10%	3.50%	4.12%
FLOT	Floating Rate Bonds	0.04%	0.60%	6.22%
LQD	Investment Grade Corporate	1.06%	7.27%	9.27%
HYG	High Yield Corporate	0.44%	4.13%	11.11%
BKLN	Senior Loan	0.43%	1.16%	11.48%
PFF	Preferred & Income Securities	1.28%	4.89%	9.14%
MUB	Municipal Bonds	0.50%	3.79%	5.20%
MBB	MBS	0.83%	4.84%	4.53%
EMB	Dollar Denominated EM Bonds	1.04%	6.93%	10.37%
LEMB	Local Currency EM Bond	0.96%	3.16%	6.57%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	1.64%	-4.61%	-9.82%
DBE	Energy	2.22%	-7.29%	-10.76%
USO	WTI Crude Oil	2.80%	-7.61%	-4.21%
BNO	Brent Crude Oil	2.86%	-6.67%	-3.47%
UNG	Natural Gas	3.48%	-26.32%	-66.24%
UGA	Gasoline	4.40%	-3.13%	2.19%
DBP	Precious Metals	0.76%	3.37%	7.90%
GLD	Gold	0.59%	3.63%	11.25%
SLV	Silver	1.75%	4.63%	0.59%
PPLT	abrdn Physical Platin..	2.30%	7.70%	-10.94%
PALL	abrdn Physical Palla..	10.01%	8.24%	-38.25%
DBB	Base Metals	1.41%	-0.16%	-3.91%
CPER	Copper	1.14%	4.49%	3.81%
DBA	Agriculture	0.83%	-1.57%	8.68%
CORN	Corn	0.14%	-1.99%	-18.51%
SOYB	Soybeans	0.47%	-3.70%	-2.32%
WEAT	Wheat	1.21%	1.56%	-26.69%
CANE	Sugar	1.19%	-15.20%	34.10%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	-0.93%	-1.47%	3.92%
UDN	Short Dollar	0.89%	2.28%	4.11%
FXE	Euro	0.99%	1.24%	4.33%
FXB	British Pound Sterling	1.19%	2.49%	8.64%
FXF	Swiss Franc	0.54%	2.53%	6.38%
FXJ	Japanese Yen	0.75%	5.94%	-7.90%
FXC	Canadian Dollar	0.70%	2.30%	3.08%
FXA	Australian Dollar	0.43%	2.92%	-0.60%

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

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