

Large Cap Blend (S&P 500) IVV



Mid Cap Blend (S&P 400) IJH

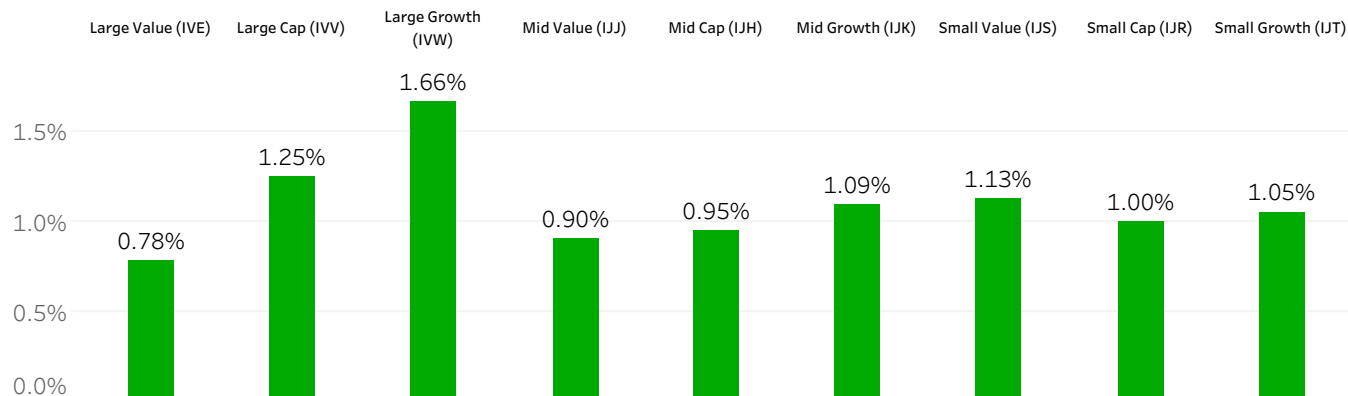


Small Cap Blend (S&P 600) IJR



■ 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
XMMO	Invesco S&P MidCap Momentum ETF	2.22%
MTUM	iShares MSCI USA Momentum Factor ETF	2.15%
DRUP	GraniteShares Nasdaq Select Disruptors ETF	2.06%
QQQ	Invesco QQQ Trust Series I	1.98%
QQQM	Invesco NASDAQ 100 ETF	1.94%
FCTR	First Trust Lunt U.S. Factor Rotation ETF	1.89%
VEGN	US Vegan Climate ETF	1.86%
BUZZ	VanEck Social Sentiment ETF	1.86%
WINN	Harbor Long-Term Growers ETF	1.84%
USXF	iShares ESG Advanced MSCI USA ETF	1.81%

Size & Style Most Overbought

Ticker	Fund	Price
SPMO	Invesco S&P 500 Momentum ETF	76.05
PWB	Invesco Large Cap Growth ETF	75.44
WINN	Harbor Long-Term Growers ETF	75.43
MTUM	iShares MSCI USA Momentum Factor ETF	75.35
SIXA	ETC 6 Meridian Mega Cap Equity ETF	74.24
USMC	Principal U.S. Mega-Cap ETF	73.56
DRUP	GraniteShares Nasdaq Select Disruptors ETF	73.49
IWY	iShares Russell Top 200 Growth ETF	73.43
USXF	iShares ESG Advanced MSCI USA ETF	73.35
GVIP	Goldman Sachs Hedge Industry VIP ETF	73.18

Size & Style 1-Day Performance Laggards

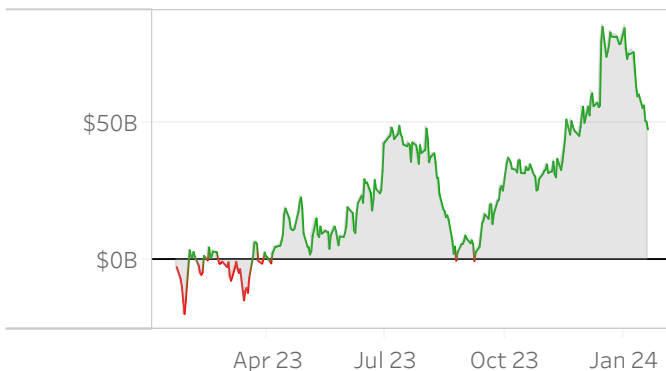
Ticker	Fund	Performance
XJR	iShares ESG Screened S&P Small-Cap ETF	-0.35%
SPC	CrossingBridge Pre-Merger SPAC ETF	0.02%
AIEQ	AI Powered Equity ETF	0.26%
SIXL	ETC 6 Meridian Low Beta Equity ETF	0.28%
SPLV	Invesco S&P 500 Low Volatility ETF	0.30%
CWS	AdvisorShares Focused Equity ETF	0.31%
POWA	Invesco Bloomberg Pricing Power ETF	0.34%
SMMV	iShares MSCI USA Small-Cap Min Vol Factor ETF	0.40%
ONEV	SPDR Russell 1000 Low Volatility Focus ETF	0.41%
NOBL	ProShares S&P 500 Dividend Aristocrats ETF	0.43%

Size & Style Most Oversold

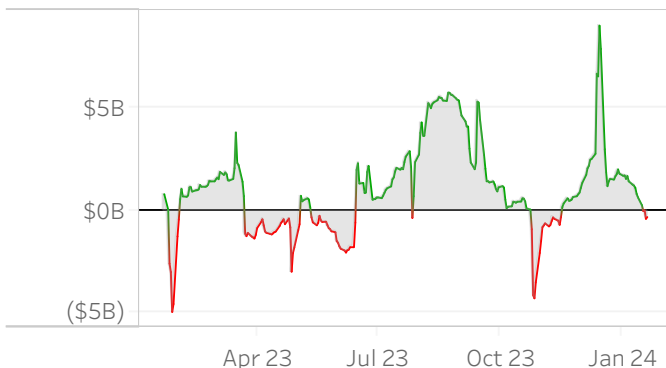
Ticker	Fund	Price
SPC	CrossingBridge Pre-Merger SPAC ETF	33.11
CDC	VictoryShares US EQ Income Enhanced Volatility Wt..	33.60
IPO	Renaissance IPO ETF	38.51
PEY	Invesco High Yield Equity Dividend Achievers ETF	41.32
OMFS	Invesco Russell 2000 Dynamic Multifactor ETF	41.59
LVHD	Franklin U.S. Low Volatility High Dividend Index ETF	42.14
FDM	First Trust Dow Jones Select MicroCap Index Fund	42.31
DIVZ	TrueShares Low Volatility Equity Income ETF	43.12
DHS	WisdomTree U.S. High Dividend Fund	43.37
RZV	Invesco S&P Smallcap 600 Pure Value ETF	43.91

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

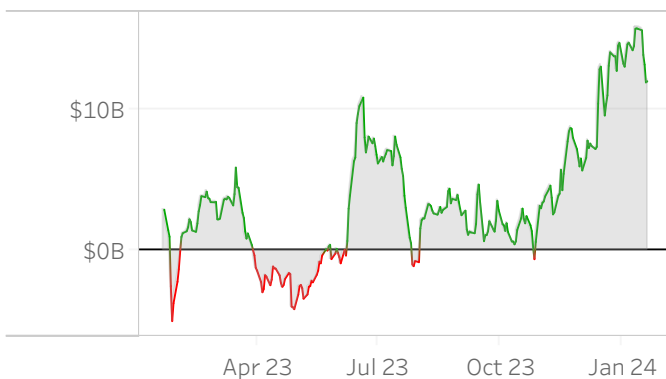
Large-Cap 30-Day Rolling Flows



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	\$1,680B	(\$2.40B)	\$81.65B	\$104.91B	\$156.05B
Large Cap, Beta, Beta: Growth	10	\$324B	\$1.25B	\$7.57B	\$15.53B	\$17.63B
Large Cap, Beta, Beta: Value	11	\$236B	(\$1.45B)	\$2.88B	\$3.97B	(\$2.88B)
Mid Cap, Beta, Beta	10	\$206B	(\$0.01B)	\$0.27B	\$5.06B	\$6.99B
Mid Cap, Beta, Beta: Growth	6	\$39B	(\$0.10B)	\$0.73B	\$0.48B	\$1.23B
Mid Cap, Beta, Beta: Value	6	\$40B	\$0.02B	(\$0.01B)	(\$0.62B)	(\$2.13B)
Small Cap, Beta, Beta	11	\$221B	(\$1.16B)	\$11.93B	\$13.67B	\$18.11B
Small Cap, Beta, Beta: Growth	7	\$36B	(\$0.04B)	\$1.28B	\$1.27B	\$1.28B
Small Cap, Beta, Beta: Value	7	\$51B	(\$0.50B)	\$0.67B	(\$0.22B)	(\$1.17B)

U.S. Size & Style Flow Leaders

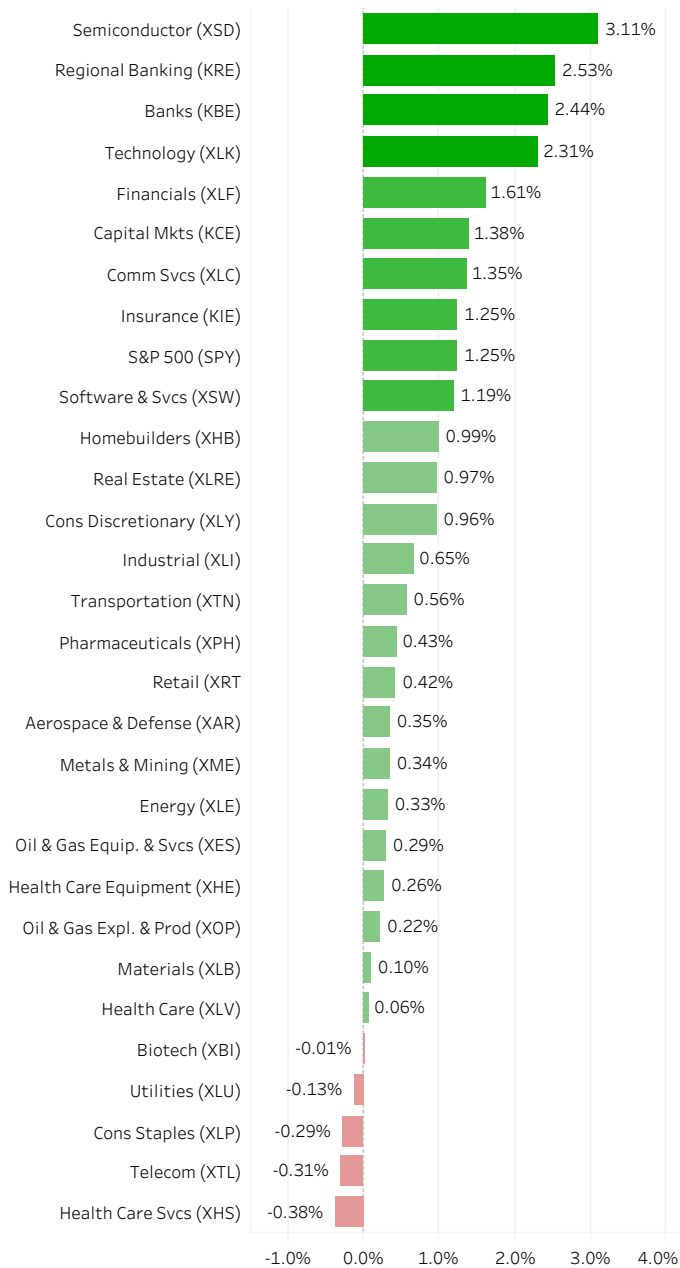
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
IVV	iShares Core S&P 500 ETF	\$5.56B	\$20.91B	\$38.07B	\$46.84B	\$408.94B
VOO	Vanguard S&P 500 ETF	\$2.11B	\$16.94B	\$26.01B	\$48.16B	\$380.03B
IWY	iShares Russell Top 200 Growth ETF	\$0.76B	\$0.70B	\$0.90B	\$1.99B	\$8.93B
QQQM	Invesco NASDAQ 100 ETF	\$0.64B	\$2.78B	\$4.32B	\$9.57B	\$20.00B
VTI	Vanguard Total Stock Market ETF	\$0.34B	\$7.93B	\$13.68B	\$21.92B	\$348.60B
VUG	Vanguard Growth ETF	\$0.33B	\$2.02B	\$3.68B	\$3.90B	\$106.22B
QUAL	iShares MSCI USA Quality Factor ETF	\$0.25B	\$1.82B	\$2.62B	\$11.54B	\$36.95B
SPLG	SPDR Portfolio S&P 500 ETF	\$0.15B	\$4.41B	\$5.72B	\$7.79B	\$26.57B
IJH	iShares Core S&P Mid-Cap ETF	\$0.15B	(\$1.30B)	\$2.27B	\$3.62B	\$74.86B
SCHG	Schwab U.S. Large-Cap Growth ETF	\$0.15B	\$1.28B	\$1.48B	\$2.40B	\$23.39B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
IWM	iShares Russell 2000 ETF	(\$1.33B)	\$7.00B	\$6.47B	\$5.77B	\$61.67B
SUSA	iShares MSCI USA ESG Select ETF	(\$0.95B)	(\$1.44B)	(\$0.45B)	(\$0.14B)	\$3.81B
SPYV	SPDR Portfolio S&P 500 Value ETF	(\$0.73B)	\$1.33B	\$1.74B	\$1.09B	\$19.18B
DIA	SPDR Dow Jones Industrial Average ETF Trust	(\$0.67B)	\$1.23B	(\$0.17B)	(\$0.20B)	\$32.25B
QQQ	Invesco QQQ Trust Series I	(\$0.63B)	\$4.10B	\$4.55B	\$13.23B	\$234.31B
IWD	iShares Russell 1000 Value ETF	(\$0.55B)	(\$0.01B)	(\$0.48B)	(\$4.21B)	\$51.66B
RSP	Invesco S&P 500 Equal Weight ETF	(\$0.48B)	\$5.40B	\$6.02B	\$12.17B	\$48.97B
IJS	iShares S&P Small-Cap 600 Value ETF	(\$0.33B)	\$0.37B	\$0.31B	\$0.05B	\$7.19B
VIG	Vanguard Dividend Appreciation ETF	(\$0.25B)	\$0.25B	\$0.75B	\$0.46B	\$73.31B
IWF	iShares Russell 1000 Growth ETF	(\$0.24B)	\$1.21B	\$2.52B	(\$0.46B)	\$81.56B

* 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%	25.19%	3.67%	9.38%	67.61
XLC	Communication Services Select Sector SPDR Fund	0.00%	43.19%	4.62%	12.65%	68.69
XLK	Technology Select Sector SPDR Fund	0.00%	47.71%	6.35%	16.45%	74.04
XLF	Financial Select Sector SPDR Fund	-0.16%	22.43%	3.59%	10.64%	63.36
XLV	Health Care Select Sector SPDR Fund	-1.07%	13.25%	3.80%	5.58%	64.52
XLI	Industrial Select Sector SPDR Fund	-1.47%	16.60%	2.26%	6.98%	56.34
XLY	Consumer Discretionary Select Sector SPDR Fund	-3.59%	26.55%	0.79%	6.34%	50.75
XLB	Materials Select Sector SPDR Fund	-4.62%	10.44%	-0.88%	1.74%	38.71
XLP	Consumer Staples Select Sector SPDR Fund	-7.03%	8.80%	1.20%	-0.44%	51.85
XLRE	Real Estate Select Sector SPDR Fund	-7.48%	20.22%	0.81%	5.14%	45.74
XLU	Utilities Select Sector SPDR Fund	-12.85%	8.52%	-3.32%	-4.74%	33.32
XLE	Energy Select Sector SPDR Fund	-14.13%	4.67%	-4.16%	-5.21%	35.15

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
FTXL	First Trust Nasdaq Semiconductor ETF	4.10%
SOXQ	Invesco PHLX Semiconductor ETF	3.95%
SOXX	iShares Semiconductor ETF	3.91%
PSI	Invesco Semiconductors ETF	3.85%
IAT	iShares U.S. Regional Banks ETF	3.49%
IGPT	Invesco AI and Next Gen Software ETF	3.48%
XSD	SPDR S&P Semiconductor ETF	3.11%
QTEC	First Trust NASDAQ-100 Technology Sector Index ..	2.74%
KBWR	Invesco KBW Regional Banking ETF	2.63%
PTF	Invesco Dorsey Wright Technology Momentum ETF	2.59%

Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
IAK	iShares U.S. Insurance ETF	78.07
KBWP	Invesco KBW Property & Casualty Insurance ETF	77.86
IGPT	Invesco AI and Next Gen Software ETF	75.82
IETC	iShares U.S. Tech Independence Focused ETF	75.48
IGM	iShares Expanded Tech Sector ETF	75.04
IYW	iShares U.S. Technology ETF	74.15
XLK	Technology Select Sector SPDR Fund	74.04
XNTK	SPDR NYSE Technology ETF	72.98
FTEC	Fidelity MSCI Information Technology Index ETF	72.33
SOXQ	Invesco PHLX Semiconductor ETF	72.15

Sector & Industry 1 Day Performance Laggards

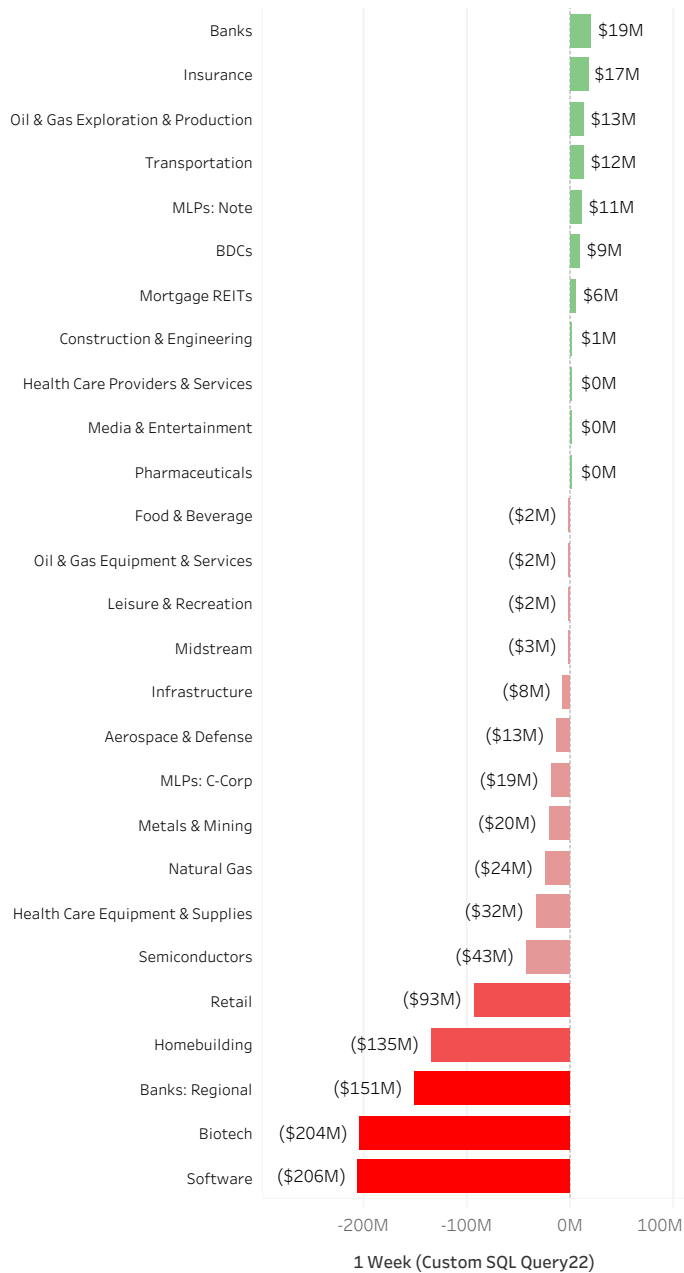
Ticker	Fund	1 Day Performance
IHF	iShares U.S. Healthcare Providers ETF	-1.13%
FTXG	First Trust Nasdaq Food & Beverage ETF	-0.66%
PBJ	Invesco Food & Beverage ETF	-0.64%
RSPS	Invesco S&P 500 Equal Weight Consumer Staples ETF	-0.55%
FXG	First Trust Consumer Staples AlphaDEX Fund	-0.54%
IYK	iShares U.S. Consumer Staples ETF	-0.51%
XHS	SPDR S&P Health Care Services ETF	-0.38%
FSTA	FIDELITY COVINGTON TRUST MSCI CONSUMER STAPL..	-0.38%
VDC	Vanguard Consumer Staples ETF	-0.32%
XTL	SPDR S&P Telecom ETF	-0.31%

Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
FCG	First Trust Natural Gas ETF	31.98
RSPU	Invesco S&P 500 Equal Weight Utilities ETF	32.61
VPU	Vanguard Utilities ETF	32.65
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	32.92
FXU	First Trust Utilities AlphaDEX Fund	33.06
FUTY	Fidelity MSCI Utilities Index ETF	33.29
XLU	Utilities Select Sector SPDR Fund	33.32
RSPG	Invesco S&P 500 Equal Weight Energy ETF	33.74
FXN	First Trust Energy AlphaDEX Fund	34.34
IYE	iShares U.S. Energy ETF	34.76

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

U.S. Sector & Industry 1-Week Flows



U.S. Sector Landscape

	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Communication Services	7	\$21B	\$73M	\$656M	\$711M	\$3,674M
Consumer Discretionary	12	\$28B	(\$48M)	\$158M	\$603M	\$2,449M
Consumer Staples	10	\$25B	\$199M	(\$2,301M)	(\$4,032M)	(\$3,840M)
Energy	30	\$67B	(\$83M)	\$693M	\$1,214M	(\$7,804M)
Financials	26	\$61B	(\$421M)	\$2,502M	(\$2,854M)	\$1,113M
Health Care	23	\$89B	\$65M	(\$1,454M)	(\$4,889M)	(\$10,115M)
Industrial	13	\$36B	\$242M	\$150M	(\$625M)	\$1,067M
Materials	9	\$12B	(\$77M)	(\$836M)	(\$1,931M)	(\$2,683M)
Multi-Sector	16	\$20B	(\$154M)	(\$220M)	(\$663M)	\$2,280M
Real Estate	25	\$59B	\$59M	\$2,138M	\$2,004M	(\$645M)
Technology	23	\$179B	(\$17M)	\$5,532M	\$7,296M	\$7,523M
Utilities	9	\$21B	(\$192M)	(\$312M)	(\$1,473M)	(\$1,536M)

U.S. Sector & Industry Flow Leaders

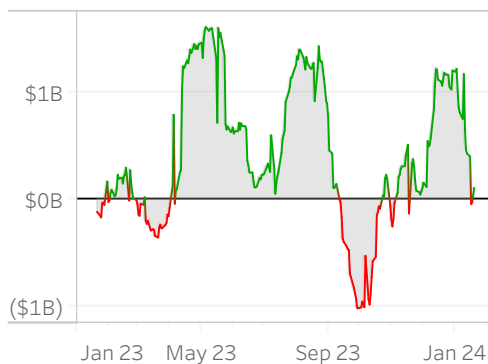
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLV	Health Care Select Sector SPDR Fund	\$314M	(\$1,045M)	(\$2,599M)	(\$3,393M)	\$39,511M
XLI	Industrial Select Sector SPDR Fund	\$256M	(\$159M)	(\$721M)	(\$257M)	\$15,435M
XLP	Consumer Staples Select Sector SPDR Fund	\$228M	(\$1,380M)	(\$1,474M)	(\$1,364M)	\$15,413M
VGT	Vanguard Information Technology ETF	\$122M	\$1,178M	\$1,564M	\$764M	\$60,059M
IYF	iShares U.S. Financials ETF	\$97M	\$126M	\$151M	\$10M	\$2,190M
XLRE	Real Estate Select Sector SPDR Fund	\$90M	\$927M	\$921M	\$622M	\$5,715M
XLC	Communication Services Select Sector SPDR Fu..	\$66M	\$813M	\$789M	\$3,372M	\$16,245M
IYW	iShares U.S. Technology ETF	\$56M	\$917M	\$1,095M	\$930M	\$14,547M
SCHH	Schwab U.S. REIT ETF	\$53M	\$52M	\$307M	\$515M	\$6,316M
KBWB	Invesco KBW Bank ETF	\$43M	\$60M	(\$345M)	\$281M	\$1,570M

U.S. Sector & Industry Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLF	Financial Select Sector SPDR Fund	(\$376M)	\$682M	(\$2,662M)	\$90M	\$34,256M
IGV	iShares Expanded Tech-Software Sector ETF	(\$204M)	\$286M	(\$545M)	\$335M	\$7,439M
XLU	Utilities Select Sector SPDR Fund	(\$162M)	\$109M	(\$511M)	(\$173M)	\$13,795M
IBB	iShares Biotechnology ETF	(\$149M)	(\$44M)	(\$455M)	(\$1,334M)	\$7,474M
KRE	SPDR S&P Regional Banking ETF	(\$142M)	\$599M	(\$296M)	\$1,530M	\$3,480M
XRT	SPDR S&P Retail ETF	(\$93M)	(\$7M)	(\$50M)	\$98M	\$387M
IYR	iShares U.S. Real Estate ETF	(\$91M)	\$1,317M	\$1,173M	\$485M	\$4,211M
XHB	SPDR S&P Homebuilders ETF	(\$80M)	\$116M	(\$154M)	\$123M	\$1,516M
ITB	iShares U.S. Home Construction ETF	(\$55M)	\$31M	(\$425M)	\$3M	\$2,324M
VFH	Vanguard Financials ETF	(\$50M)	\$158M	(\$265M)	(\$443M)	\$8,925M

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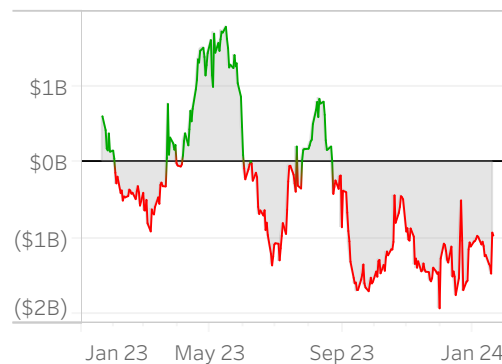
Communication Services



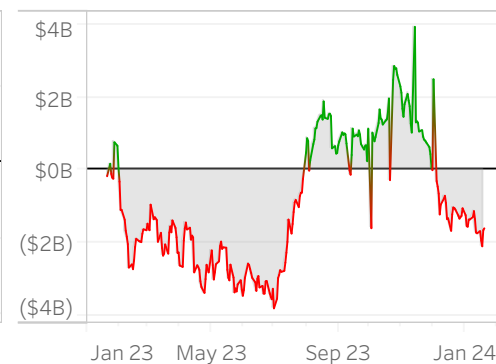
Consumer Discretionary



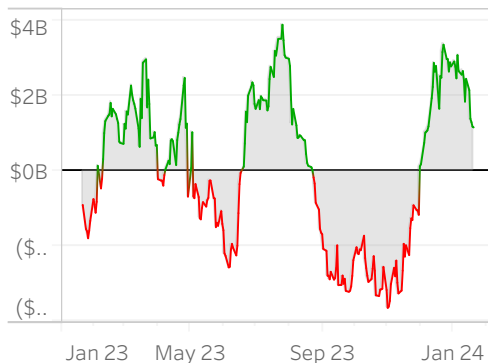
Consumer Staples



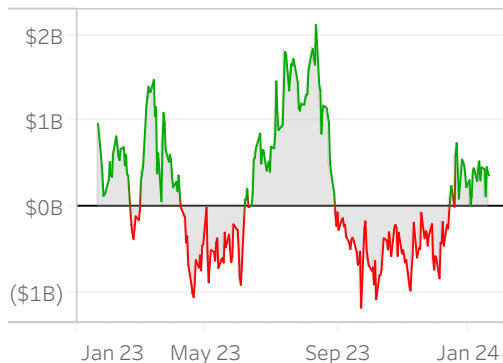
Energy



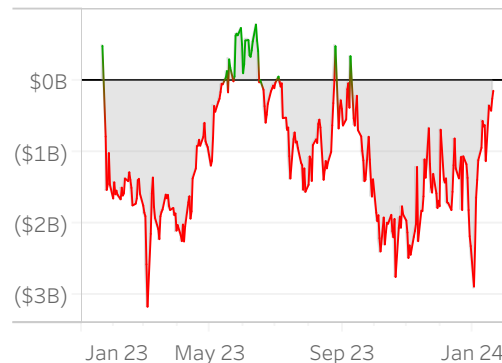
Financials



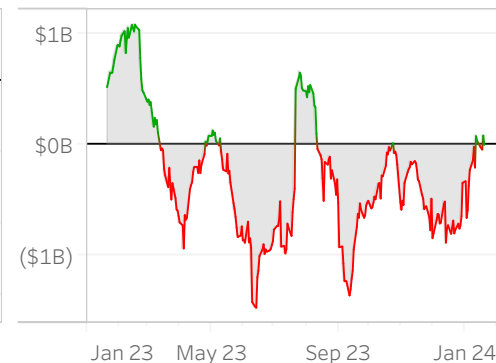
Industrial



Health Care



Materials



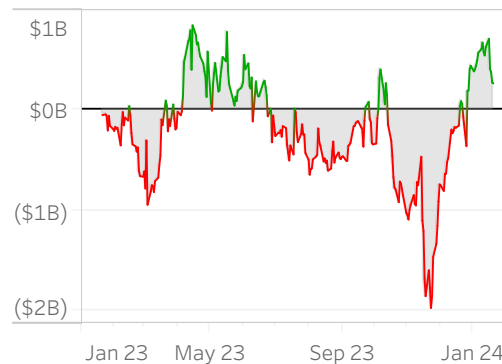
Real Estate



Technology



Utilities

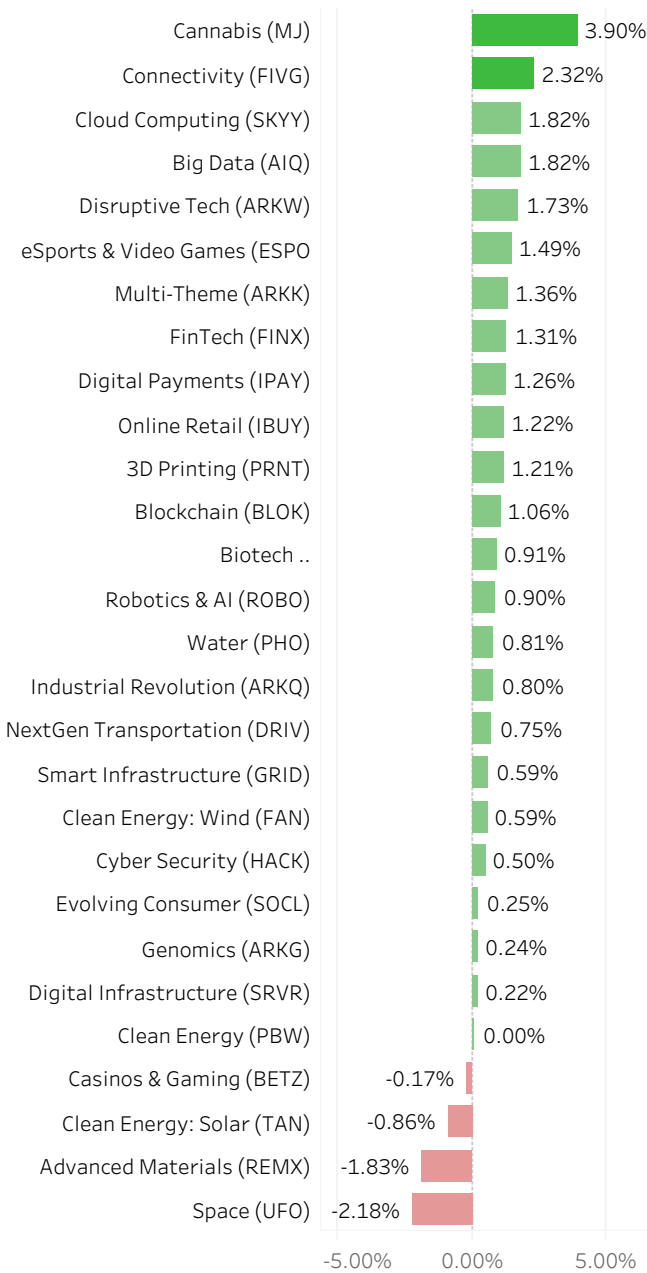


Multi-Sector



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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
MJUS	ETFMG U.S. Alternative Harvest ETF	6.00%
MSOS	AdvisorShares Pure US Cannabis ETF	5.63%
BLCN	Siren ETF Trust Siren Nasdaq NexGen Economy ETF	3.98%
MJ	ETFMG Alternative Harvest ETFMG Alternative Harvest	3.90%
FCLD	Fidelity Cloud Computing ETF	2.54%
GTEK	Goldman Sachs Future Tech Leaders Equity ETF	2.50%
FIVG	Defiance Next Gen Connectivity ETF	2.32%
TECB	iShares U.S. Tech Breakthrough Multisector ETF	1.93%
SNSR	Global X Internet of Things ETF	1.92%
XITK	SPDR FactSet Innovative Technology ETF	1.86%

Thematic Most Overbought

Ticker	Fund	Price
TECB	iShares U.S. Tech Breakthrough Multisector ETF	75.62
FIVG	Defiance Next Gen Connectivity ETF	72.26
HACK	ETFMG Prime Cyber Security ETFMG Prime Cyber Security ..	68.68
CIBR	First Trust NASDAQ Cybersecurity ETF	68.11
FCLD	Fidelity Cloud Computing ETF	66.95
SKYY	First Trust Cloud Computing ETF	66.81
QTUM	Defiance Quantum ETF	66.03
WCBR	WisdomTree Cybersecurity Fund	65.51
THNQ	ROBO Global Artificial Intelligence ETF	63.11
IHAK	iShares Cybersecurity & Tech ETF	63.02

Global Thematic 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
REMX	VanEck Rare Earth/Strategic Metals ETF	-1.83%
LIT	Global X Lithium & Battery Tech ETF	-0.93%
IDRV	iShares Self-driving EV & Tech ETF	-0.89%
TAN	Invesco Solar ETF	-0.86%
BATT	Amplify Lithium & Battery Technology ETF	-0.66%
PBD	Invesco Global Clean Energy ETF	-0.51%
KARS	KraneShares Electric Vehicles & Future Mobility Index ..	-0.41%
SMOG	VanEck Low Carbon Energy ETF	-0.28%
GNOM	Global X Genomics & Biotechnology ETF	-0.18%
BETZ	Roundhill Sports Betting & iGaming ETF	-0.17%

Thematic Most Oversold

Ticker	Fund	Price
REMX	VanEck Rare Earth/Strategic Metals ETF	22.24
KARS	KraneShares Electric Vehicles & Future Mobility Index ETF	22.25
BATT	Amplify Lithium & Battery Technology ETF	22.31
IDRV	iShares Self-driving EV & Tech ETF	22.51
SMOG	VanEck Low Carbon Energy ETF	24.81
PBW	Invesco WilderHill Clean Energy ETF	25.16
ACES	ALPS Clean Energy ETF	25.55
CNRG	SPDR S&P Kensho Clean Power ETF	27.31
ERTH	Invesco MSCI Sustainable Future ETF	27.34
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	27.34

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Thematic 1 Week Flow Leaders

Ticker	Fund	
BLOK	Amplify Transformational Data Sharing ETF	\$136M
CIBR	First Trust NASDAQ Cybersecurity ETF	\$44M
CGW	Invesco S&P Global Water Index ETF	\$16M
HACK	ETFMG Prime Cyber Security ETF	\$15M
MSOS	AdvisorShares Pure US Cannabis ETF	\$15M
IHAK	iShares Cybersecurity & Tech ETF	\$14M
PHO	Invesco Water Resources ETF	\$13M
BUG	Global X Cybersecurity ETF	\$10M
BOTZ	Global X Robotics & Artificial Intelligence ETF	\$10M
AIQ	Global X Artificial Intelligence & Technology ETF	\$8M

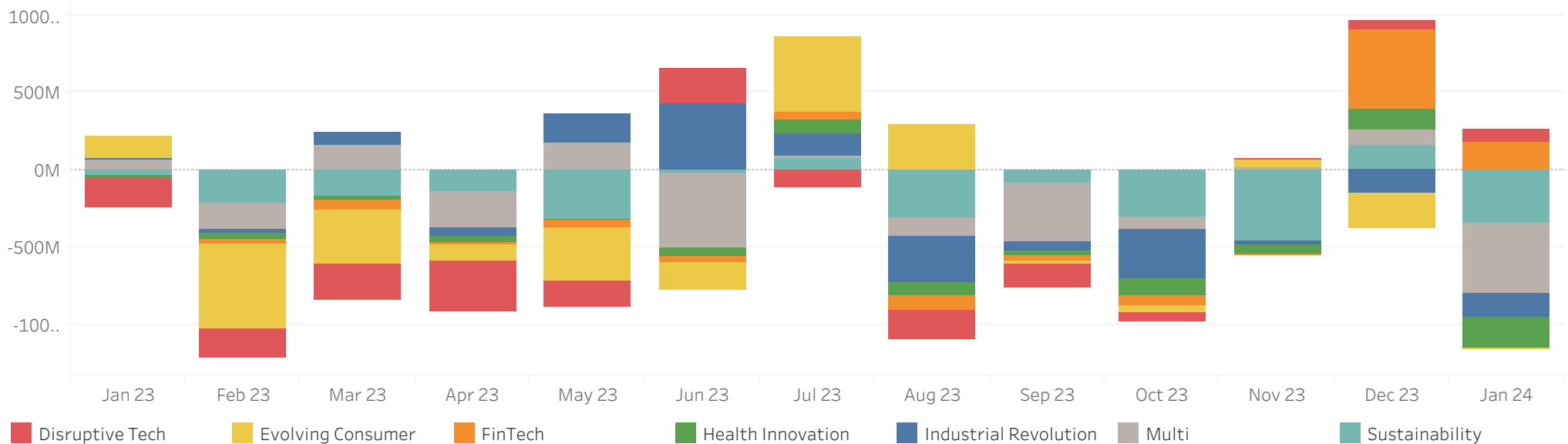
Thematic 1 Week Flow Laggards

Ticker	Fund	
ICLN	iShares Global Clean Energy ETF	(\$121M)
ARKG	ARK Genomic Revolution ETF	(\$112M)
ARKK	ARK Innovation ETF	(\$84M)
TAN	Invesco Solar ETF	(\$79M)
WCLD	WisdomTree Cloud Computing Fund	(\$24M)
ARKW	ARK Next Generation Internet ETF	(\$21M)
FINX	Global X FinTech ETF	(\$19M)
ARKQ	ARK Autonomous Technology & Robotics ETF	(\$13M)
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	(\$11M)
ARKF	ARK Fintech Innovation ETF	(\$9M)

Thematic Landscape Assets & Flows

Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	33	\$19B	\$54M	\$145M	(\$267M)	(\$1,237M)
Evolving Consumer	37	\$8B	\$14M	(\$219M)	\$140M	(\$871M)
FinTech	17	\$4B	\$103M	\$673M	\$477M	\$331M
Health Innovation	17	\$2B	(\$114M)	(\$196M)	(\$294M)	(\$438M)
Industrial Revolution	30	\$10B	(\$14M)	(\$402M)	(\$1,058M)	(\$263M)
Multi	35	\$15B	(\$87M)	(\$365M)	(\$1,001M)	(\$1,398M)
Sustainability	40	\$12B	(\$192M)	(\$828M)	(\$1,458M)	(\$2,189M)
Grand Total	209	\$69B	(\$235M)	(\$1,191M)	(\$3,459M)	(\$6,065M)

Thematic Monthly Flows

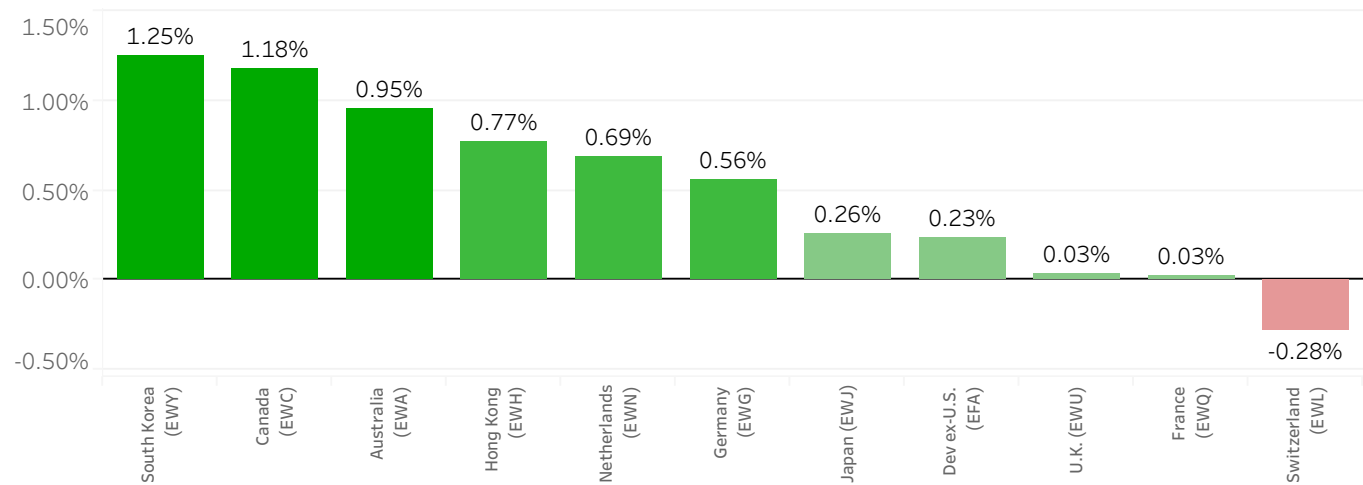


* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

Developed ex-U.S. (EFA)



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



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



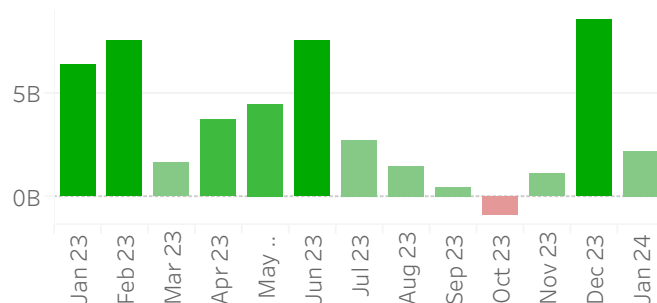
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
MINV	Matthews Asia Innovators Active ETF	2.18%
AIA	iShares Asia 50 ETF	1.57%
FLCA	Franklin FTSE Canada ETF	1.33%
BBCA	JPMorgan BetaBuilders Canada ETF	1.25%
EWY	iShares MSCI South Korea ETF	1.25%
EIRL	iShares MSCI Ireland ETF	1.22%
AAXJ	iShares MSCI All Country Asia ex Japan ETF	1.22%
EWC	iShares MSCI Canada ETF	1.18%
ISRA	VanEck Israel ETF	1.10%
FLKR	Franklin FTSE South Korea ETF	1.03%

Developed ex-U.S. Most Overbought

Ticker	Fund	Price
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	78.45
HEWJ	iShares Currency Hedged MSCI Japan ETF	75.75
DXJ	WisdomTree Japan Hedged Equity Fund	73.72
IMOM	Alpha Architect International Quantitative Momentum ETF	66.18
DXJS	WisdomTree Japan Hedged SmallCap Equity Fund	65.69
EIRL	iShares MSCI Ireland ETF	63.73
EWJ	iShares MSCI Japan ETF	62.58
EWJV	iShares MSCI Japan Value ETF	61.29
FLJP	Franklin FTSE Japan ETF	60.98
BBJP	JPMorgan BetaBuilders Japan ETF	60.79

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	-0.54%
EDEN	iShares MSCI Denmark ETF	-0.41%
DXJS	WisdomTree Japan Hedged SmallCap Equity Fund	-0.35%
FJP	First Trust Japan AlphaDEX Fund	-0.33%
DFE	WisdomTree Europe SmallCap Dividend Fund	-0.31%
IEUS	iShares MSCI Europe Small-Cap ETF	-0.28%
EWL	iShares MSCI Switzerland ETF	-0.28%
ISVL	iShares International Developed Small Cap Value Factor E..	-0.20%
EWD	iShares MSCI Sweden ETF	-0.19%
LVHI	Franklin International Low Volatility High Dividend Index ..	-0.15%

Developed ex-U.S. Most Oversold

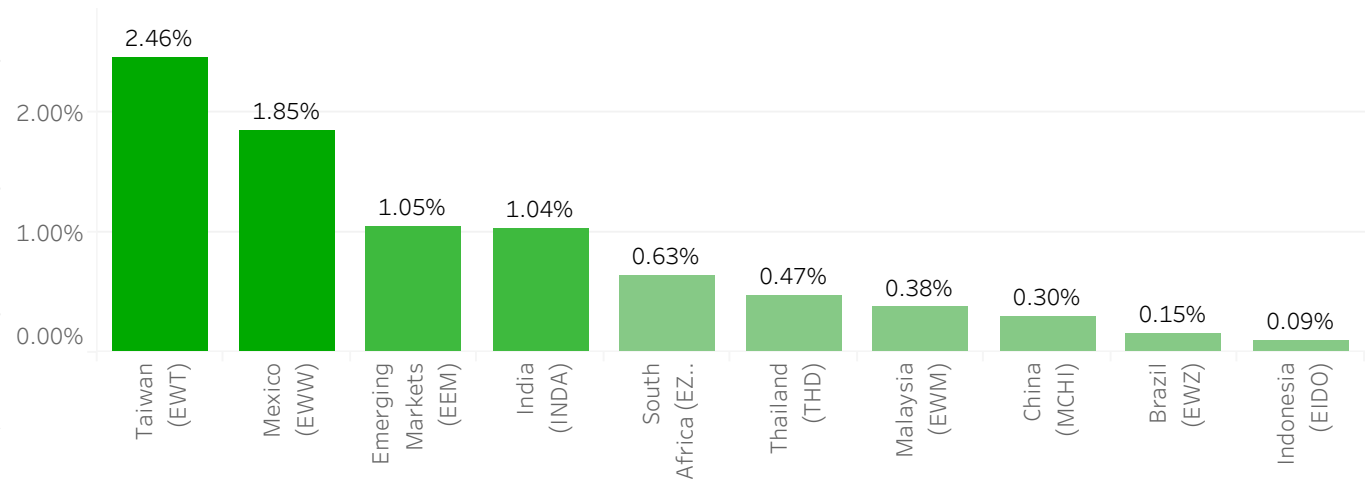
Ticker	Fund	Price
EWH	iShares MSCI Hong Kong ETF	32.45
EWD	iShares MSCI Sweden ETF	36.26
FLKR	Franklin FTSE South Korea ETF	36.68
EWY	iShares MSCI South Korea ETF	36.97
EWP	iShares MSCI Spain ETF	37.58
FSZ	First Trust Switzerland AlphaDEX Fund	38.43
EWU	iShares MSCI United Kingdom ETF	38.48
ENZL	iShares MSCI New Zealand ETF	38.69
HDEF	Xtrackers MSCI EAFE High Dividend Yield Equity ETF	39.43
FDD	First Trust Stoxx European Select Dividend Index Fu..	39.61

*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



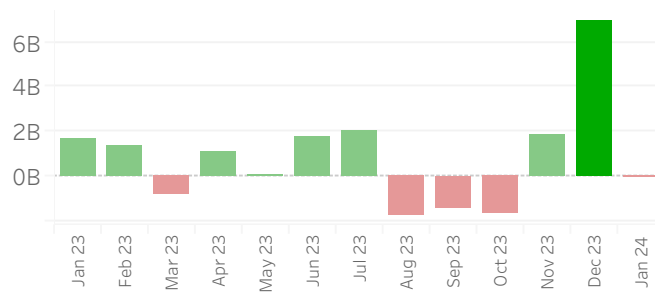
Emerging 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
FLTW	Franklin FTSE Taiwan ETF	2.47%
EWT	iShares MSCI Taiwan ETF	2.46%
NUEM	Nuveen ESG Emerging Markets Equity ETF	2.17%
DGRE	WisdomTree Emerging Markets Quality Dividend Growth Fund	1.90%
EWZ	iShares MSCI Brazil ETF	1.85%
EPOL	iShares MSCI Poland ETF	1.83%
GLIN	VanEck India Growth Leaders ETF	1.75%
EDIV	SPDR S&P Emerging Markets Dividend ETF	1.63%
KBA	KraneShares Boscera MSCI China A 50 Connect Index ETF	1.56%
PIN	Invesco India ETF	1.40%

Emerging Most Overbought

Ticker	Fund	Price
KWT	iShares MSCI Kuwait ETF	72.26
SMIN	iShares MSCI India Small Cap ETF	65.15
EPI	WisdomTree India Earnings Fund	64.37
GLIN	VanEck India Growth Leaders ETF	64.00
INDA	iShares MSCI India ETF	62.09
FLIN	Franklin FTSE India ETF	61.41
PIN	Invesco India ETF	60.48
NFTY	First Trust India NIFTY 50 Equal Weight ETF	58.17
INDY	iShares India 50 ETF	55.99
FM	iShares Frontier and Select EM ETF	55.48

Emerging Monthly Flows



Emerging 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
PGJ	Invesco Golden Dragon China ETF	-0.76%
ECNS	iShares MSCI China Small-Cap ETF	-0.58%
TUR	iShares MSCI Turkey ETF	-0.12%
FEMS	First Trust Emerging Markets Small Cap AlphaDEX Fund	0.00%
FLBR	Franklin FTSE Brazil ETF	0.01%
EIDO	iShares MSCI Indonesia ETF	0.09%
EWZ	iShares MSCI Brazil ETF	0.15%
QAT	iShares MSCI Qatar ETF	0.23%
MCHI	iShares MSCI China ETF	0.30%
EYLD	Cambria Emerging Shareholder Yield ETF	0.30%

Emerging Most Oversold

Ticker	Fund	Price
ECNS	iShares MSCI China Small-Cap ETF	23.50
PGJ	Invesco Golden Dragon China ETF	25.22
GXC	SPDR S&P China ETF	29.86
MCHI	iShares MSCI China ETF	30.66
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	30.92
FLCH	Franklin FTSE China ETF	31.85
FXI	iShares China Large-Cap ETF	32.49
THD	iShares MSCI Thailand ETF	34.03
ECH	iShares MSCI Chile ETF	34.77
CNYA	iShares MSCI China A ETF	35.89

*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	0.02%	-0.60%	-1.24%
SHY	1-3 Year Treasury Bonds	-0.07%	0.37%	-0.01%
IEF	7-10 Year Treasury Bonds	0.01%	-1.06%	-1.50%
TLT	20+ Year Treasury Bonds	0.32%	-4.85%	-4.84%
TIP	TIPS Bonds	0.07%	-0.34%	-0.44%
FLOT	Floating Rate Bonds	0.03%	0.68%	0.44%
LQD	Investment Grade Corporate	0.10%	-0.95%	-1.51%
HYG	High Yield Corporate	0.17%	-0.04%	-0.28%
BKLN	Senior Loan	0.05%	0.33%	-0.05%
PFF	Preferred & Income Securities	0.77%	1.19%	0.96%
MUB	Municipal Bonds	-0.09%	-0.51%	-0.85%
MBB	MBS	-0.03%	-0.56%	-1.48%
EMB	Dollar Denominated EM Bonds	0.05%	-1.69%	-1.76%
LEMB	Local Currency EM Bond	-0.17%	-1.15%	-1.55%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	-0.47%	-3.02%	-1.61%
DBE	Energy	-0.64%	-2.32%	2.06%
USO	WTI Crude Oil	-0.35%	-0.78%	3.26%
BNO	Brent Crude Oil	-0.18%	-0.78%	2.82%
UNG	Natural Gas	-6.47%	6.12%	2.56%
UGA	Gasoline	0.18%	-1.16%	3.48%
DBP	Precious Metals	0.33%	-1.74%	-2.30%
GLD	Gold	0.30%	-0.63%	-1.69%
SLV	Silver	-0.67%	-6.17%	-5.10%
PPLT	abrdn Physical Platin..	-0.79%	-5.66%	-9.05%
PALL	abrdn Physical Palla..	0.64%	-22.82%	-13.52%
DBB	Base Metals	0.58%	-3.20%	-5.90%
CPER	Copper	0.85%	-2.36%	-2.20%
DBA	Agriculture	0.77%	-0.28%	1.30%
CORN	Corn	0.34%	-5.68%	-5.33%
SOYB	Soybeans	0.04%	-7.19%	-5.41%
WEAT	Wheat	0.89%	-4.23%	-5.19%
CANE	Sugar	1.28%	7.64%	9.33%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	-0.14%	1.76%	2.25%
UDN	Short Dollar	0.22%	-0.93%	-1.79%
FXE	Euro	0.28%	-0.53%	-1.16%
FXB	British Pound Sterling	-0.04%	0.15%	-0.21%
FXF	Swiss Franc	0.02%	-0.86%	-3.13%
FXJ	Japanese Yen	0.03%	-2.93%	-4.92%
FXC	Canadian Dollar	0.52%	-0.58%	-1.25%
FXA	Australian Dollar	0.46%	-2.27%	-3.06%

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