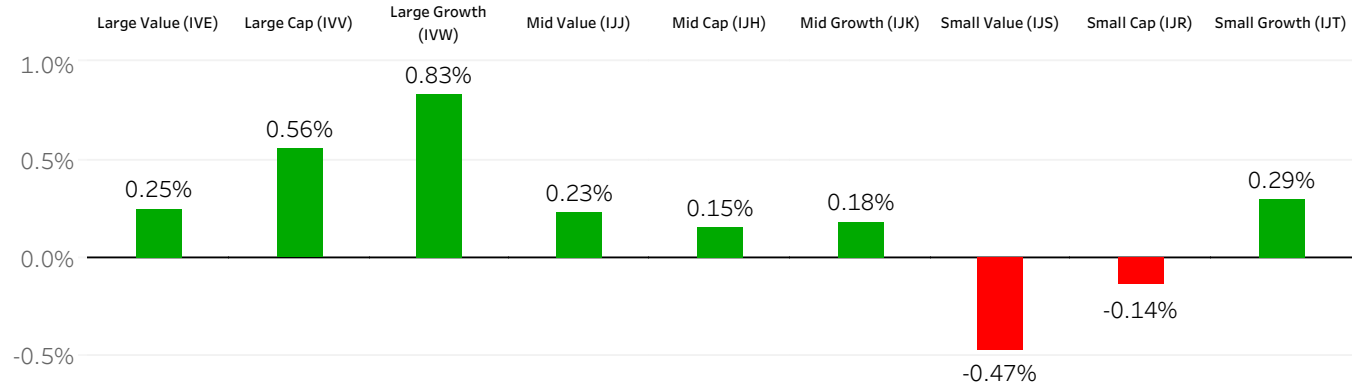


Large Cap Blend (S&P 500) IVV



U.S. Size & Style 1-Day Performance



Mid Cap Blend (S&P 400) IJH



Size & Style 1-Day Performance Leaders

Ticker	Fund	Performance
MTUM	iShares MSCI USA Momentum Factor ETF	1.11%
MBCC	Monarch Blue Chips Core ETF	1.01%
TMFC	Motley Fool 100 Index ETF	1.01%
PWB	Invesco Large Cap Growth ETF	1.00%
QVMM	Invesco S&P MidCap 400 QVM Multi-factor ETF	0.97%
WINN	Harbor Long-Term Growers ETF	0.93%
SPMO	Invesco S&P 500 Momentum ETF	0.93%
SCHG	Schwab U.S. Large-Cap Growth ETF	0.92%
RPHS	Regents Park Hedged Market Strategy ETF	0.91%
FFTY	Innovator IBD 50 ETF	0.90%

Size & Style Most Overbought

Ticker	Fund	Value
EDOW	First Trust Dow 30 Equal Weight ETF	85.86
LCG	Sterling Capital Focus Equity ETF	83.72
MMLG	First Trust Multi-Manager Large Growth ETF	83.48
DIA	SPDR Dow Jones Industrial Average ETF Trust	83.23
DRUP	GraniteShares Nasdaq Select Disruptors ETF	82.73
NULG	Nuveen ESG Large-Cap Growth ETF	82.42
FCTR	First Trust Lunt U.S. Factor Rotation ETF	82.08
CGGR	Capital Group Growth ETF	82.07
LCTU	BlackRock U.S. Carbon Transition Readiness ETF	82.05
JUST	Goldman Sachs JUST U.S. Large Cap Equity ETF	81.98

Small Cap Blend (S&P 600) IJR



Size & Style 1-Day Performance Laggards

Ticker	Fund	Performance
RDIV	Invesco S&P Ultra Dividend Revenue ETF	-0.77%
SLYV	SPDR S&P 600 Small Cap Value ETF	-0.61%
RZV	Invesco S&P Smallcap 600 Pure Value ETF	-0.51%
IJS	iShares S&P Small-Cap 600 Value ETF	-0.47%
RPV	Invesco S&P 500 Pure Value ETF	-0.45%
VIOV	Vanguard S&P Small-Cap 600 Value ETF	-0.43%
CALF	Pacer US Small Cap Cash Cows 100 ETF	-0.40%
PEY	Invesco High Yield Equity Dividend Achievers ETF	-0.38%
SMLV	SPDR SSGA US Small Cap Low Volatility Index ETF	-0.37%
SPYD	SPDR Portfolio S&P 500 High Dividend ETF	-0.33%

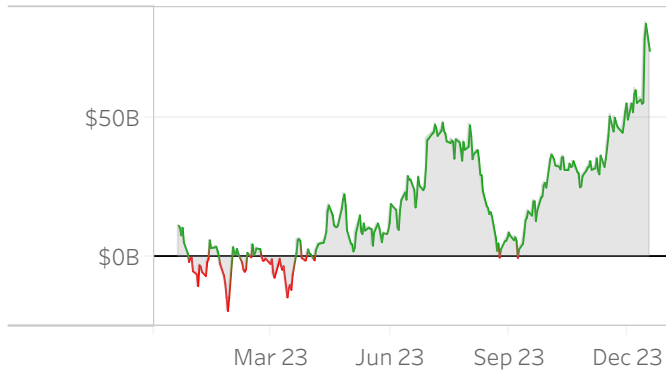
Size & Style Most Oversold

Ticker	Fund	Value
RPHS	Regents Park Hedged Market Strategy ETF	45.39
CDC	VictoryShares US EQ Income Enhanced Volatility Wt..	55.37
ALTL	Pacer Lunt Large Cap Alternator ETF	55.69
SPC	CrossingBridge Pre-Merger SPAC ETF	56.65
SPLV	Invesco S&P 500 Low Volatility ETF	57.01
NULV	Nuveen ESG Large-Cap Value ETF	58.51
LGLV	SPDR SSGA US Large Cap Low Volatility Index ETF	61.95
HUSV	First Trust Horizon Managed Volatility Domestic ETF	62.92
RFG	Invesco S&P Midcap 400 Pure Growth ETF	63.47
SIXL	ETC 6 Meridian Low Beta Equity ETF	63.77

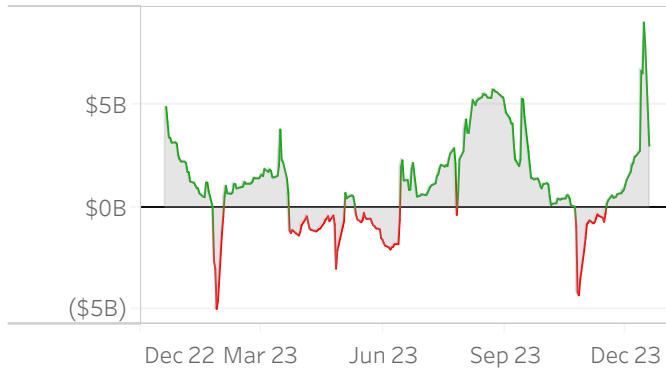
■ Closing Price ■ 50 Day Moving Average ■ 200 Day Moving Average

*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	\$1,639B	\$17.69B	\$75.50B	\$114.42B	\$127.33B
Large Cap, Beta, Beta: Growth	10	\$318B	\$1.80B	\$12.19B	\$13.68B	\$18.96B
Large Cap, Beta, Beta: Value	11	\$241B	\$0.73B	\$5.54B	\$5.27B	(\$0.53B)
Mid Cap, Beta, Beta	10	\$210B	(\$2.60B)	\$0.51B	\$6.80B	\$7.99B
Mid Cap, Beta, Beta: Growth	6	\$39B	\$0.00B	\$0.89B	\$0.97B	\$0.90B
Mid Cap, Beta, Beta: Value	6	\$41B	(\$0.50B)	(\$0.46B)	(\$1.33B)	(\$2.83B)
Small Cap, Beta, Beta	11	\$223B	\$2.73B	\$7.86B	\$6.46B	\$11.29B
Small Cap, Beta, Beta: Growth	7	\$36B	\$0.30B	\$1.06B	\$1.31B	\$1.15B
Small Cap, Beta, Beta: Value	7	\$53B	\$0.57B	\$0.45B	(\$0.10B)	(\$1.42B)

U.S. Size & Style Flow Leaders

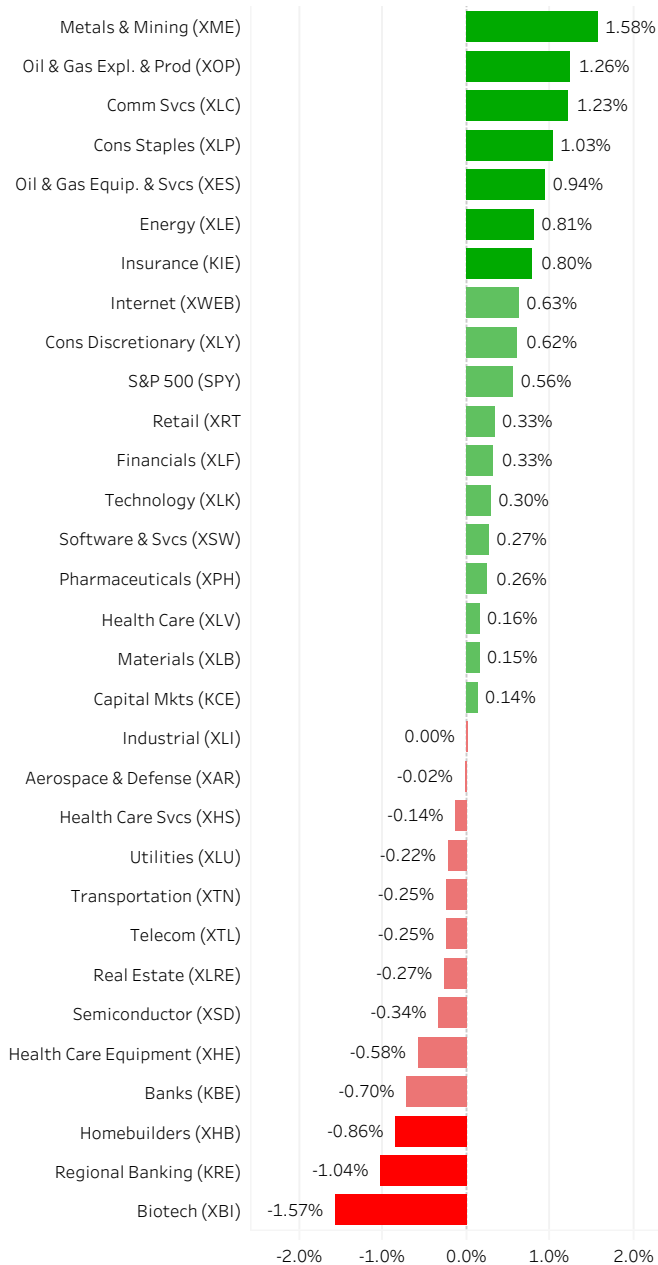
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
SPY	SPDR S&P 500 ETF Trust	\$25.82B	\$40.54B	\$40.13B	\$35.65B	\$478.29B
VOO	Vanguard S&P 500 ETF	\$2.74B	\$13.56B	\$28.96B	\$42.54B	\$369.66B
RSP	Invesco S&P 500 Equal Weight ETF	\$2.03B	\$4.15B	\$9.53B	\$12.15B	\$48.48B
IWM	iShares Russell 2000 ETF	\$1.87B	\$5.17B	\$0.33B	\$0.46B	\$61.23B
VUG	Vanguard Growth ETF	\$1.12B	\$3.54B	\$2.34B	\$5.67B	\$105.05B
VTI	Vanguard Total Stock Market ETF	\$0.73B	\$6.56B	\$11.93B	\$20.81B	\$343.78B
SPLG	SPDR Portfolio S&P 500 ETF	\$0.69B	\$3.66B	\$4.96B	\$6.56B	\$25.12B
VB	Vanguard Small-Cap ETF	\$0.37B	\$0.99B	\$1.61B	\$2.68B	\$49.95B
IJS	iShares S&P Small-Cap 600 Value ETF	\$0.35B	\$0.27B	\$0.20B	(\$0.03B)	\$7.45B
IWF	iShares Russell 1000 Growth ETF	\$0.32B	\$3.30B	\$2.45B	(\$0.54B)	\$80.85B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
QQQ	Invesco QQQ Trust Series I	(\$3.45B)	(\$1.33B)	\$0.53B	\$1.95B	\$222.72B
DGRW	WisdomTree US Quality Dividend Growth Fund	(\$1.58B)	\$0.77B	\$1.37B	\$2.32B	\$11.15B
IJH	iShares Core S&P Mid-Cap ETF	(\$1.49B)	(\$1.80B)	\$3.24B	\$4.13B	\$76.01B
VO	Vanguard Mid-Cap ETF	(\$1.30B)	\$1.36B	\$1.36B	\$2.23B	\$59.64B
VOE	Vanguard Mid-Cap Value ETF	(\$0.51B)	(\$0.17B)	(\$0.71B)	(\$0.69B)	\$16.60B
VXF	Vanguard Extended Market ETF	(\$0.51B)	\$0.22B	(\$0.61B)	\$1.22B	\$17.32B
DON	WisdomTree U.S. MidCap Dividend Fund	(\$0.31B)	(\$0.04B)	(\$0.05B)	(\$0.07B)	\$3.46B
QUAL	iShares MSCI USA Quality Factor ETF	(\$0.28B)	\$1.41B	\$1.56B	\$11.32B	\$36.14B
DLN	WisdomTree U.S. LargeCap Dividend Fund	(\$0.25B)	(\$0.03B)	(\$0.03B)	(\$0.31B)	\$3.66B
DES	WisdomTree U.S. SmallCap Dividend Fund	(\$0.19B)	(\$0.04B)	(\$0.06B)	(\$0.08B)	\$1.95B

* 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)
XLC	Communication Services Select Sector SPDR Fund	0.00%	49.45%	4.61%	11.16%	65.02
XLK	Technology Select Sector SPDR Fund	0.00%	58.32%	8.16%	15.21%	74.63
XLY	Consumer Discretionary Select Sector SPDR Fund	0.00%	40.20%	9.70%	12.09%	82.32
SPY	SPDR S&P 500 ETF Trust	-0.01%	24.41%	6.47%	9.15%	75.53
XLI	Industrial Select Sector SPDR Fund	-0.68%	16.55%	7.89%	8.65%	76.29
XLF	Financial Select Sector SPDR Fund	-0.75%	20.37%	8.40%	11.00%	76.13
XLB	Materials Select Sector SPDR Fund	-1.18%	13.77%	6.74%	5.70%	68.98
XLV	Health Care Select Sector SPDR Fund	-1.81%	8.64%	3.35%	2.04%	61.95
XLRE	Real Estate Select Sector SPDR Fund	-5.64%	22.62%	10.94%	8.30%	69.44
XLP	Consumer Staples Select Sector SPDR Fund	-7.82%	7.88%	3.29%	-1.59%	59.30
XLE	Energy Select Sector SPDR Fund	-9.83%	9.91%	-1.46%	-0.30%	50.90
XLU	Utilities Select Sector SPDR Fund	-12.28%	12.53%	2.99%	-2.00%	51.69

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
FXZ	First Trust Materials AlphaDEX Fund	1.69%
XME	SPDR S&P Metals & Mining ETF	1.58%
PXE	Invesco Energy Exploration & Production ETF	1.46%
PXI	Invesco Dorsey Wright Energy Momentum ETF	1.42%
VOX	Vanguard Communication Services ETF	1.39%
FTXN	First Trust Nasdaq Oil & Gas ETF	1.38%
FDN	First Trust Dow Jones Internet Index Fund	1.32%
PSL	Invesco Dorsey Wright Consumer Staples Moment..	1.31%
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	1.26%
XLC	Communication Services Select Sector SPDR Fund	1.23%

Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
IYC	iShares U.S. Consumer Discretionary ETF	84.59
VCR	Vanguard Consumer Discretionary ETF	83.61
IYG	iShares US Financial Services ETF	82.62
XLY	Consumer Discretionary Select Sector SPDR Fund	82.32
IYJ	iShares U.S. Industrials ETF	82.30
FDIS	Fidelity MSCI Consumer Discretionary Index ETF	82.28
FDN	First Trust Dow Jones Internet Index Fund	82.25
FXL	First Trust Technology AlphaDEX Fund	80.70
PAVE	Global X U.S. Infrastructure Development ETF	80.52
QTEC	First Trust NASDAQ-100 Technology Sector Index Fund	80.40

Sector & Industry 1 Day Performance Laggards

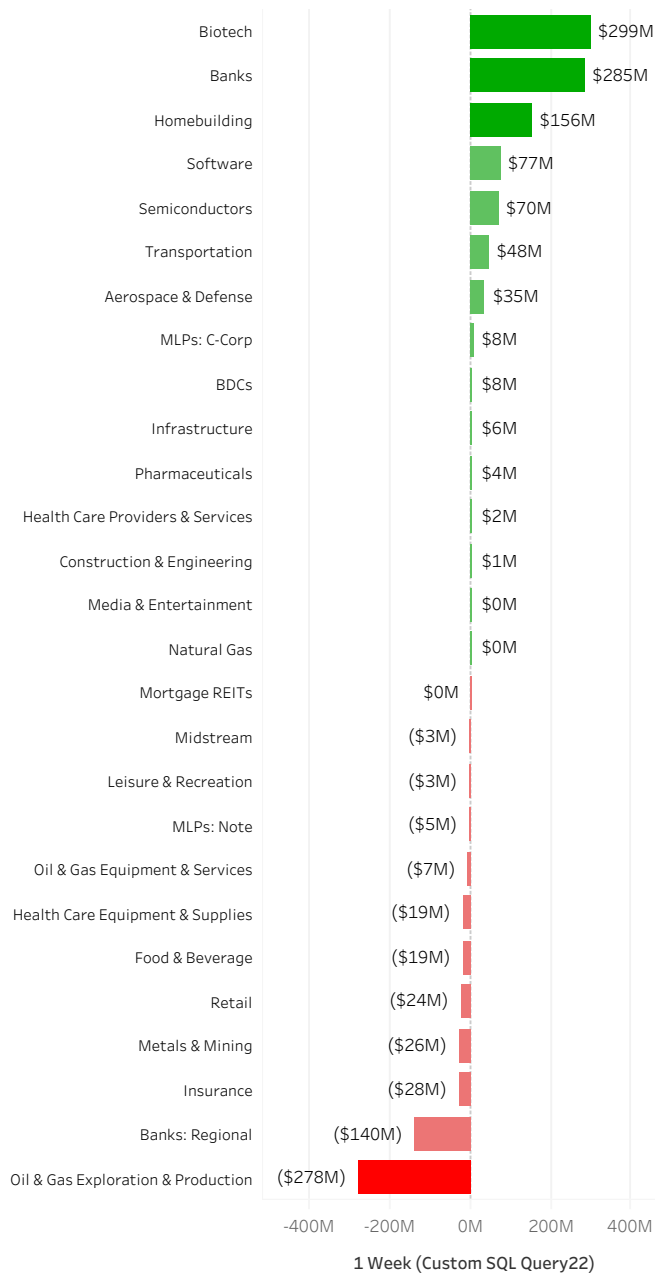
Ticker	Fund	1 Day Performance
KBWY	Invesco KBW Premium Yield Equity REIT ETF	-1.64%
XBI	SPDR S&P BIOTECH ETF	-1.57%
IAT	iShares U.S. Regional Banks ETF	-1.22%
KRE	SPDR S&P Regional Banking ETF	-1.04%
PINK	Simplify Health Care ETF	-1.03%
ITB	iShares U.S. Home Construction ETF	-0.95%
PSCH	Invesco S&P SmallCap Health Care ETF	-0.90%
NETL	NETLease Corporate Real Estate ETF	-0.87%
XHB	SPDR S&P Homebuilders ETF	-0.86%
RIET	Hoya Capital High Dividend Yield ETF	-0.82%

Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
MLPA	Global X MLP ETF	44.73
AML	Alerian MLP ETF	46.60
KBWP	Invesco KBW Property & Casualty Insurance ETF	47.39
FCG	First Trust Natural Gas ETF	50.32
FENY	Fidelity MSCI Energy Index ETF	50.69
RSPG	Invesco S&P 500 Equal Weight Energy ETF	50.78
XLE	Energy Select Sector SPDR Fund	50.90
RSPU	Invesco S&P 500 Equal Weight Utilities ETF	51.17
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	51.19
PXE	Invesco Energy Exploration & Production ETF	51.34

* 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	\$20B	\$60M	\$937M	\$1,907M	\$3,664M
Consumer Discretionary	12	\$29B	(\$363M)	(\$371M)	\$1,232M	\$2,658M
Consumer Staples	10	\$25B	(\$204M)	(\$2,582M)	(\$3,865M)	(\$2,860M)
Energy	30	\$71B	(\$841M)	\$582M	\$1,774M	(\$6,908M)
Financials	26	\$60B	(\$559M)	(\$1,830M)	(\$2,223M)	(\$1,406M)
Health Care	23	\$86B	(\$63M)	(\$3,814M)	(\$6,236M)	(\$10,324M)
Industrial	13	\$36B	\$7M	(\$748M)	(\$32M)	\$1,583M
Materials	9	\$12B	(\$347M)	(\$1,442M)	(\$2,107M)	(\$2,527M)
Multi-Sector	17	\$20B	\$94M	(\$609M)	\$734M	\$2,259M
Real Estate	25	\$61B	\$172M	\$1,406M	\$1,686M	(\$2,165M)
Technology	23	\$176B	(\$658M)	\$5,492M	\$4,011M	\$6,019M
Utilities	9	\$22B	\$228M	(\$1,062M)	(\$1,937M)	(\$1,805M)

U.S. Sector & Industry Flow Leaders

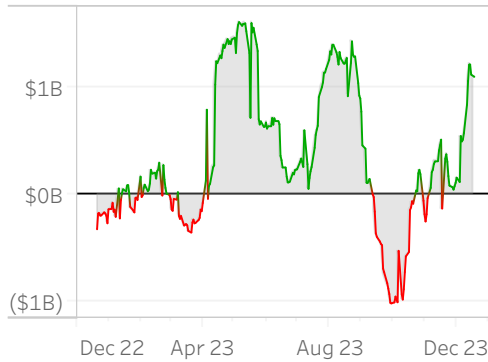
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
KBE	SPDR S&P Bank ETF	\$261M	\$393M	\$136M	\$136M	\$1,866M
XLU	Utilities Select Sector SPDR Fund	\$224M	(\$311M)	(\$988M)	(\$667M)	\$14,427M
IBB	iShares Biotechnology ETF	\$154M	(\$445M)	(\$480M)	(\$1,498M)	\$7,236M
VGT	Vanguard Information Technology ETF	\$143M	\$1,006M	\$893M	(\$25M)	\$59,153M
XBI	SPDR S&P BIOTECH ETF	\$142M	\$407M	\$294M	(\$1,719M)	\$7,031M
IYW	iShares U.S. Technology ETF	\$121M	\$1,434M	(\$229M)	\$911M	\$14,010M
IYR	iShares U.S. Real Estate ETF	\$114M	\$1,413M	\$1,212M	\$171M	\$4,462M
XLC	Communication Services Select Sector SPDR Fu..	\$102M	\$1,046M	\$1,646M	\$3,382M	\$15,681M
SOXX	iShares Semiconductor ETF	\$91M	\$15M	(\$90M)	\$413M	\$10,223M
XHB	SPDR S&P Homebuilders ETF	\$89M	\$86M	\$74M	\$289M	\$1,686M

U.S. Sector & Industry Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLF	Financial Select Sector SPDR Fund	(\$692M)	(\$1,650M)	(\$1,846M)	(\$1,065M)	\$32,937M
XLE	Energy Select Sector SPDR Fund	(\$523M)	\$879M	\$1,204M	(\$1,514M)	\$36,622M
XLY	Consumer Discretionary Select Sector SPDR Fu..	(\$378M)	(\$227M)	\$1,035M	\$1,593M	\$19,423M
XLB	Materials Select Sector SPDR Fund	(\$351M)	(\$761M)	(\$1,011M)	(\$647M)	\$5,055M
XLV	Health Care Select Sector SPDR Fund	(\$254M)	(\$2,464M)	(\$4,066M)	(\$3,882M)	\$37,444M
XOP	SPDR S&P Oil & Gas Exploration & Production E..	(\$188M)	(\$135M)	(\$3M)	(\$1,038M)	\$3,301M
KRE	SPDR S&P Regional Banking ETF	(\$160M)	\$25M	(\$347M)	\$900M	\$3,611M
XLP	Consumer Staples Select Sector SPDR Fund	(\$154M)	(\$1,439M)	(\$1,677M)	(\$879M)	\$15,387M
VHT	Vanguard Health Care ETF	(\$94M)	(\$649M)	(\$710M)	(\$767M)	\$16,335M
XLI	Industrial Select Sector SPDR Fund	(\$88M)	(\$791M)	(\$589M)	\$101M	\$15,315M

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

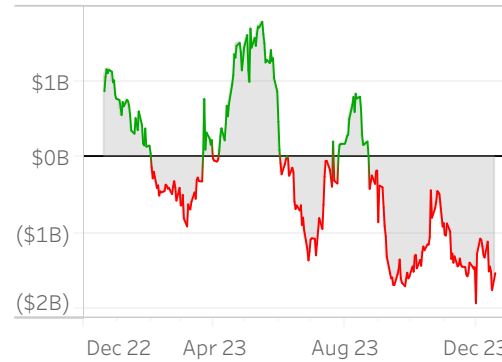
Communication Services



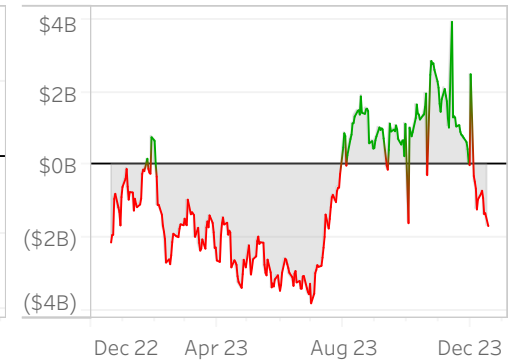
Consumer Discretionary



Consumer Staples



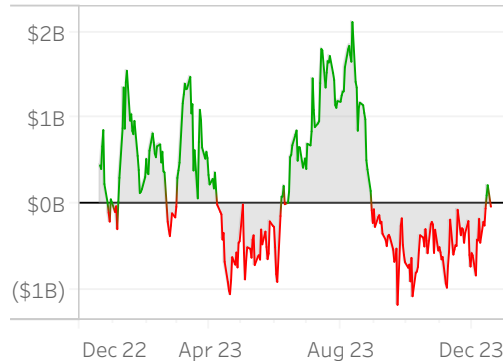
Energy



Financials



Industrial



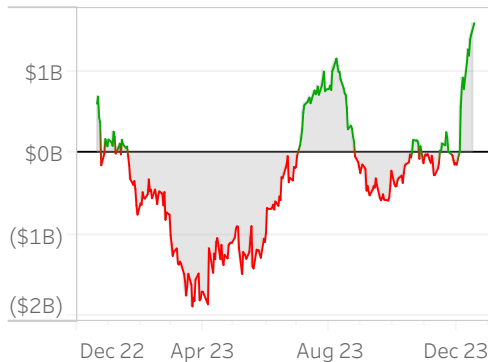
Health Care



Materials



Real Estate



Technology



Utilities

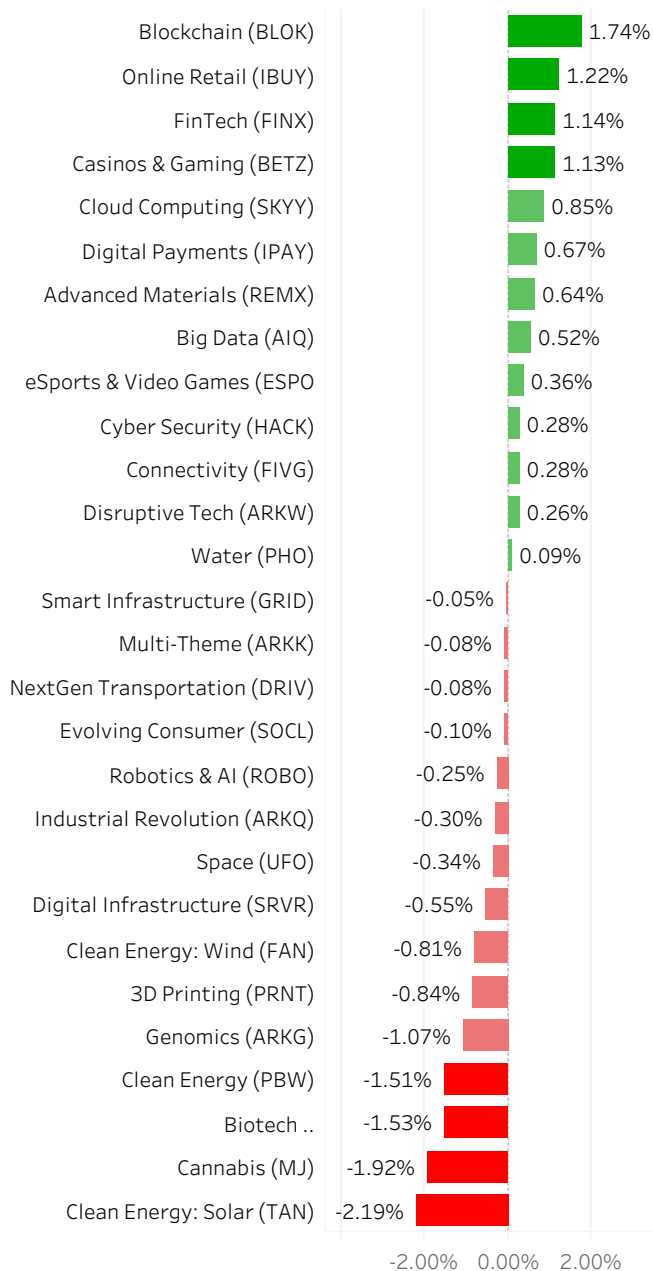


Multi-Sector

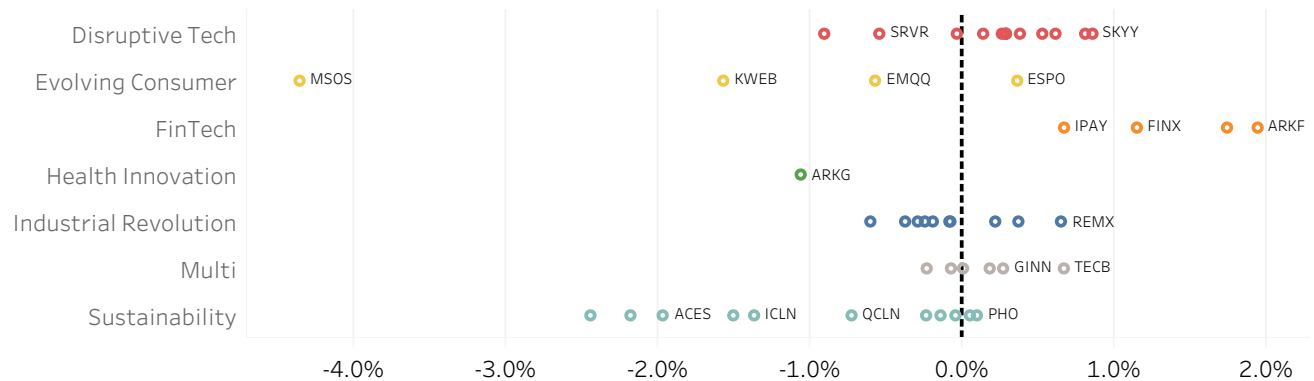


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Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
BKCH	Global X Blockchain ETF	4.07%
FDIG	Fidelity Crypto Industry and Digital Payments ETF	3.77%
BITQ	Bitwise Crypto Industry Innovators ETF	3.61%
DAPP	VanEck Digital Transformation ETF	3.17%
ARKF	ARK Fintech Innovation ETF	1.94%
BLOK	Amplify Transformational Data Sharing ETF	1.74%
IBUY	Amplify Online Retail ETF	1.22%
FINX	Global X FinTech ETF	1.14%
BETZ	Roundhill Sports Betting & iGaming ETF	1.13%
ONLN	ProShares Online Retail ETF	0.87%

Thematic Most Overbought

Ticker	Fund	Price
IHAK	iShares Cybersecurity & Tech ETF	87.95
BUG	Global X Cybersecurity ETF	87.93
CIBR	First Trust NASDAQ Cybersecurity ETF	87.12
HACK	ETFMG Prime Cyber Security ETF	83.98
MILN	Global X Millennial Consumer ETF	83.77
DTEC	ALPS Disruptive Technologies ETF	81.90
ARKF	ARK Fintech Innovation ETF	81.29
METV	Roundhill Ball Metaverse ETF	81.24
THNQ	ROBO Global Artificial Intelligence ETF	81.12
FIVG	Defiance Next Gen Connectivity ETF	80.68

Global Thematic 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
MSOS	AdvisorShares Pure US Cannabis ETF	-4.36%
MJUS	ETFMG U.S. Alternative Harvest ETF	-3.19%
CNRG	SPDR S&P Kensho Clean Power ETF	-2.45%
KGRN	KraneShares MSCI China Clean Technology Index ETF	-2.38%
TAN	Invesco Solar ETF	-2.19%
ACES	ALPS Clean Energy ETF	-1.97%
MJ	ETFMG Alternative Harvest ETF	-1.92%
CTEC	Global X CleanTech ETF	-1.80%
KWEB	KraneShares CSI China Internet ETF	-1.58%
SBIO	ALPS Medical Breakthroughs ETF	-1.53%

Thematic Most Oversold

Ticker	Fund	Price
KGRN	KraneShares MSCI China Clean Technology Index ETF	34.58
MJUS	ETFMG U.S. Alternative Harvest ETF	41.47
KWEB	KraneShares CSI China Internet ETF	41.50
MSOS	AdvisorShares Pure US Cannabis ETF	43.32
MJ	ETFMG Alternative Harvest ETF	45.48
KARS	KraneShares Electric Vehicles & Future Mobility Index ETF	52.45
LIT	Global X Lithium & Battery Tech ETF	52.53
BATT	Amplify Lithium & Battery Technology ETF	55.69
REMX	VanEck Rare Earth/Strategic Metals ETF	55.70
EMQQ	EMQQ The Emerging Markets Internet & Ecommerce ETF	56.80

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

Thematic 1 Week Flow Leaders

Ticker	Fund	
ARKK	ARK Innovation ETF	\$400M
BLOK	Amplify Transformational Data Sharing ETF	\$139M
AIQ	Global X Artificial Intelligence & Technology ETF	\$20M
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	\$15M
IRBO	iShares Robotics and Artificial Intelligence Multisector ETF	\$13M
TAN	Invesco Solar ETF	\$13M
ARKW	ARK Next Generation Internet ETF	\$11M
BOTZ	Global X Robotics & Artificial Intelligence ETF	\$8M
CNRG	SPDR S&P Kensho Clean Power ETF	\$5M
BKCH	Global X Blockchain ETF	\$3M

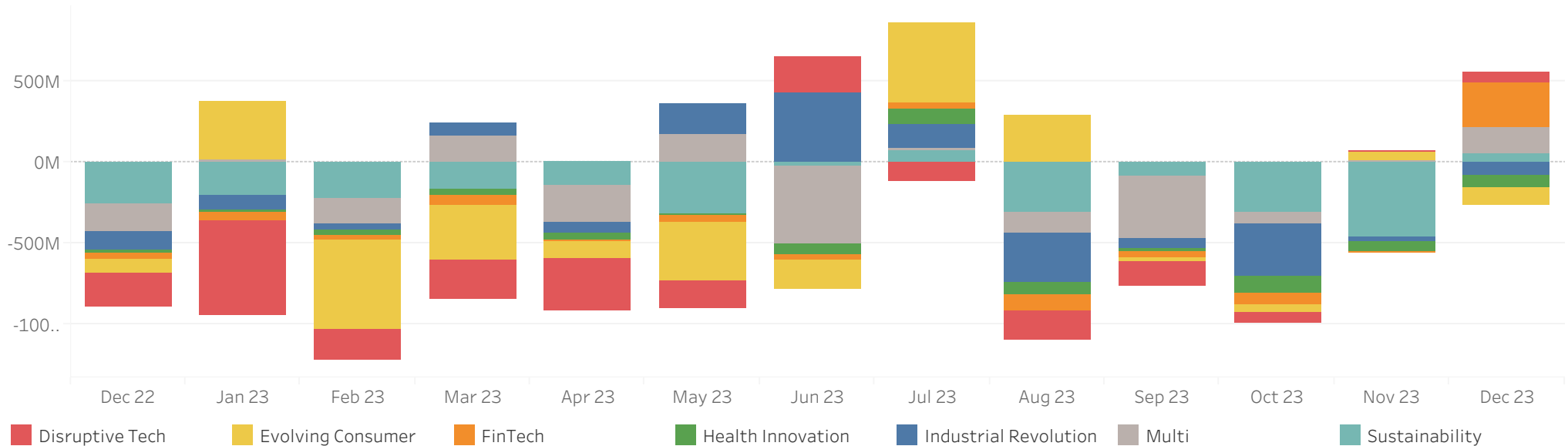
Thematic 1 Week Flow Laggards

Ticker	Fund	
ARKG	ARK Genomic Revolution ETF	(\$70M)
LIT	Global X Lithium & Battery Tech ETF	(\$60M)
EMQQ	EMQQ The Emerging Markets Internet & Ecommerce ETF	(\$46M)
KWEB	KraneShares CSI China Internet ETF	(\$39M)
WCLD	WisdomTree Cloud Computing Fund	(\$21M)
IBUY	Amplify Online Retail ETF	(\$13M)
XT	iShares Exponential Technologies ETF	(\$12M)
ICLN	iShares Global Clean Energy ETF	(\$10M)
NXTG	First Trust Indxx NextG ETF	(\$8M)
FIVG	Defiance Next Gen Connectivity ETF	(\$7M)

Thematic Landscape Assets & Flows

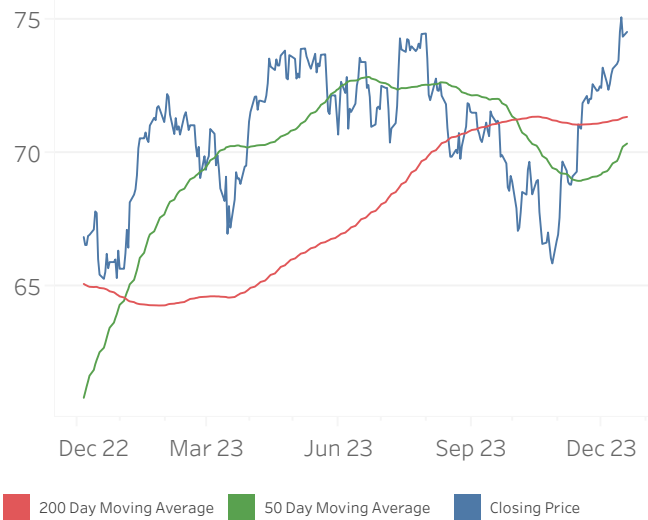
Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	33	\$18B	(\$27M)	(\$97M)	(\$433M)	(\$1,928M)
Evolving Consumer	37	\$9B	(\$91M)	(\$133M)	\$643M	(\$615M)
FinTech	17	\$3B	\$121M	\$207M	\$96M	(\$151M)
Health Innovation	17	\$3B	(\$73M)	(\$183M)	(\$264M)	(\$474M)
Industrial Revolution	30	\$10B	(\$64M)	(\$470M)	(\$600M)	(\$251M)
Multi	35	\$17B	\$314M	(\$53M)	(\$654M)	(\$1,100M)
Sustainability	40	\$14B	(\$10M)	(\$759M)	(\$1,263M)	(\$2,364M)
Grand Total	209	\$74B	\$169M	(\$1,489M)	(\$2,474M)	(\$6,883M)

Thematic Monthly Flows

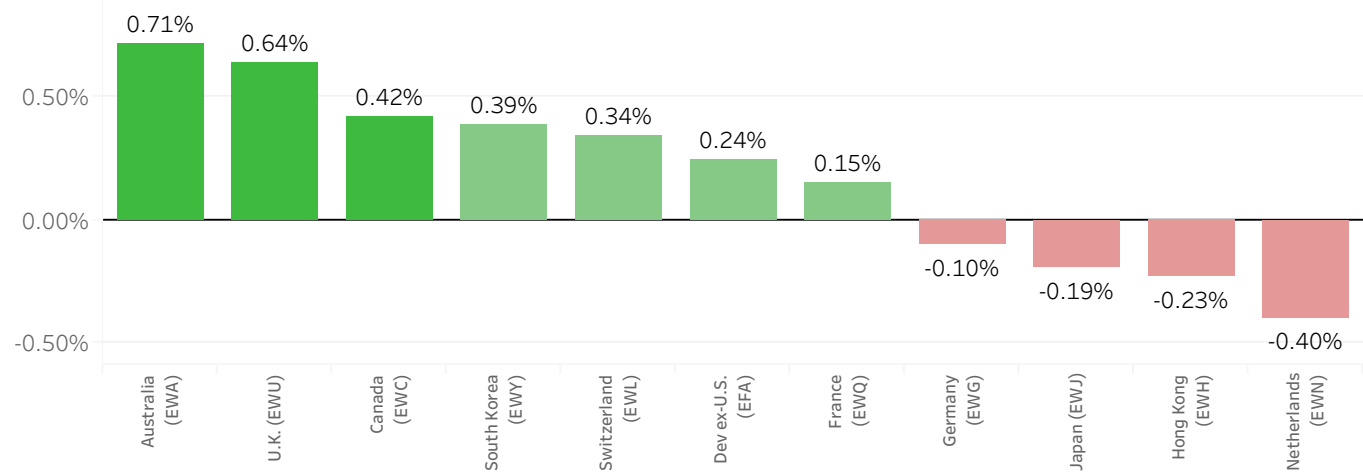


* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

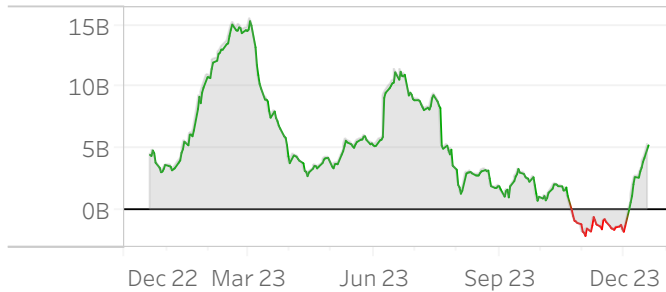
Developed ex-U.S. (EFA)



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



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



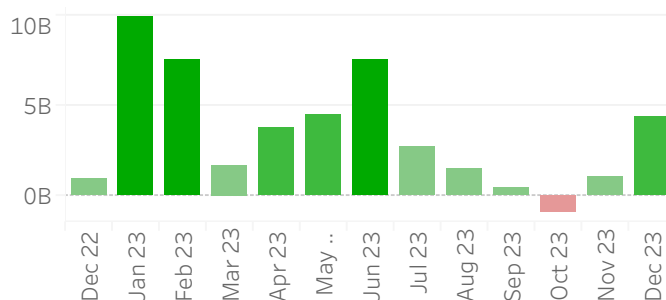
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
EIS	iShares MSCI Israel ETF	1.88%
NORW	Global X MSCI Norway ETF	1.54%
ISRA	VanEck Israel ETF	1.25%
GREK	Global X MSCI Greece ETF	1.16%
ENZL	iShares MSCI New Zealand ETF	0.96%
FYLD	Cambria Foreign Shareholder Yield ETF	0.84%
BBAX	JPMorgan BetaBuilders Developed Asia Pacific-ex Japan ETF	0.73%
EWA	iShares MSCI Australia ETF	0.71%
FLKR	Franklin FTSE South Korea ETF	0.70%
ICOW	Pacer Developed Markets International Cash Cows 100 ETF	0.69%

Developed ex-U.S. Most Overbought

Ticker	Fund	Value
EWD	iShares MSCI Sweden ETF	83.79
TOK	iShares MSCI Kokusai ETF	80.20
HEDJ	WisdomTree Europe Hedged Equity Fund	78.20
HEZU	iShares Currency Hedged MSCI Eurozone ETF	77.55
EWN	iShares MSCI Netherlands ETF	75.43
IHDG	WisdomTree International Hedged Quality Dividend Grow..	75.32
IQDG	WisdomTree International Quality Dividend Growth Fund	75.24
FDD	First Trust Stoxx European Select Dividend Index Fund	75.23
DBEU	Xtrackers MSCI Europe Hedged Equity ETF	74.79
FICS	First Trust International Developed Capital Strength ETF	74.63

Developed ex-U.S. Monthly Flows



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

Ticker	Fund	1-Day Performance
EWN	iShares MSCI Netherlands ETF	-0.40%
SCJ	iShares MSCI Japan Small-Cap ETF	-0.39%
MINV	Matthews Asia Innovators Active ETF	-0.29%
EWH	iShares MSCI Hong Kong ETF	-0.23%
JPXN	iShares JPX-Nikkei 400 ETF	-0.19%
AIA	iShares Asia 50 ETF	-0.19%
EWJ	iShares MSCI Japan ETF	-0.19%
FLJP	Franklin FTSE Japan ETF	-0.18%
DAX	Global X DAX Germany ETF	-0.16%
DMXF	iShares ESG Advanced MSCI EAFE ETF	-0.14%

Developed ex-U.S. Most Oversold

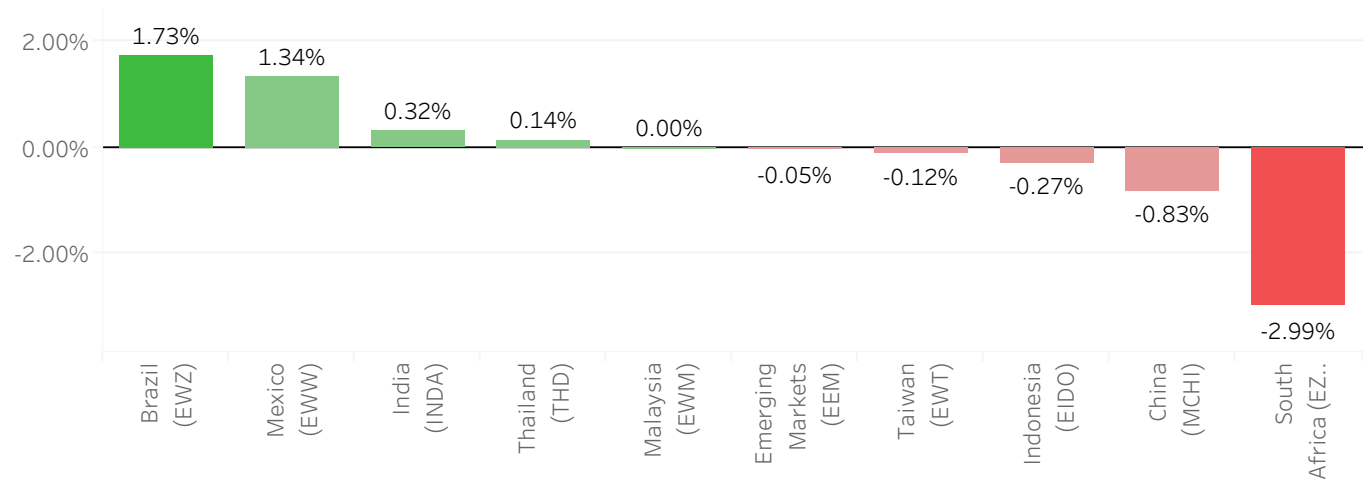
Ticker	Fund	Value
DXJ	WisdomTree Japan Hedged Equity Fund	41.29
LVHI	Franklin International Low Volatility High Dividend I..	41.47
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	43.19
HEWJ	iShares Currency Hedged MSCI Japan ETF	44.22
FLJP	Franklin FTSE Japan ETF	47.30
DXJS	WisdomTree Japan Hedged SmallCap Equity Fund	47.85
EWJV	iShares MSCI Japan Value ETF	49.45
AIA	iShares Asia 50 ETF	51.58
FJP	First Trust Japan AlphaDEX Fund	52.19
VPL	Vanguard FTSE Pacific ETF	52.48

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

Emerging (EEM)



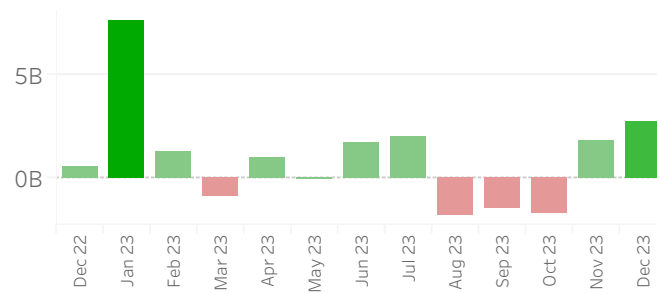
Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
PIN	Invesco India ETF	2.21%
EPOL	iShares MSCI Poland ETF	2.03%
EWZ	iShares MSCI Brazil ETF	1.73%
FLBR	Franklin FTSE Brazil ETF	1.62%
ILF	iShares Latin America 40 ETF	1.45%
EWZS	iShares MSCI Brazil Small-Cap ETF	1.41%
FLLA	Franklin FTSE Latin America ETF	1.35%
EWW	iShares MSCI Mexico ETF	1.34%
KSA	iShares MSCI Saudi Arabia ETF	1.01%
EPHE	iShares MSCI Philippines ETF	0.89%

Emerging Most Overbought

Ticker	Fund	Value
INDY	iShares India 50 ETF	86.52
EPI	WisdomTree India Earnings Fund	83.05
INDA	iShares MSCI India ETF	82.27
EWW	iShares MSCI Mexico ETF	80.52
EPU	iShares MSCI Peru and Global Exposure ETF	78.21
NFTY	First Trust India NIFTY 50 Equal Weight ETF	76.97
GLIN	VanEck India Growth Leaders ETF	76.60
KSA	iShares MSCI Saudi Arabia ETF	76.39
FLIN	Franklin FTSE India ETF	75.88
ARGT	Global X MSCI Argentina ETF	73.82

Emerging 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
EZA	iShares MSCI South Africa ETF	-2.99%
ECH	iShares MSCI Chile ETF	-2.55%
TUR	iShares MSCI Turkey ETF	-2.03%
PGJ	Invesco Golden Dragon China ETF	-1.19%
FLCH	Franklin FTSE China ETF	-1.07%
FXI	iShares China Large-Cap ETF	-1.04%
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	-0.91%
ECNS	iShares MSCI China Small-Cap ETF	-0.87%
GXC	SPDR S&P China ETF	-0.86%
MCHI	iShares MSCI China ETF	-0.83%

Emerging Most Oversold

Ticker	Fund	Value
KBA	KraneShares Bosera MSCI China A 50 Connect Index ..	23.42
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	24.45
RAYC	Rayliant Quantamental China Equity ETF	28.44
FLCH	Franklin FTSE China ETF	32.17
CNYA	iShares MSCI China A ETF	32.63
VNM	VanEck Vietnam ETF	33.15
GXC	SPDR S&P China ETF	33.93
FXI	iShares China Large-Cap ETF	35.34
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	36.03
PGJ	Invesco Golden Dragon China ETF	38.19

*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	-0.20%	3.99%	4.84%
SHY	1-3 Year Treasury Bonds	-0.01%	1.14%	3.73%
IEF	7-10 Year Treasury Bonds	-0.22%	4.09%	2.99%
TLT	20+ Year Treasury Bonds	-0.80%	9.92%	2.23%
TIP	TIPS Bonds	-0.30%	2.98%	3.63%
FLOT	Floating Rate Bonds	-0.06%	0.50%	6.16%
LQD	Investment Grade Corporate	-0.42%	6.04%	8.65%
HYG	High Yield Corporate	0.06%	3.93%	10.94%
BKLN	Senior Loan	0.22%	1.43%	11.84%
PFF	Preferred & Income Securities	-0.32%	3.87%	8.36%
MUB	Municipal Bonds	-0.12%	3.46%	5.09%
MBB	MBS	-0.36%	3.90%	3.81%
EMB	Dollar Denominated EM Bonds	0.02%	6.25%	10.24%
LEMB	Local Currency EM Bond	0.44%	2.67%	6.34%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	0.45%	-2.61%	-9.34%
DBE	Energy	1.09%	-3.51%	-9.39%
USO	WTI Crude Oil	1.40%	-3.76%	-2.88%
BNO	Brent Crude Oil	1.76%	-2.59%	-1.73%
UNG	Natural Gas	1.24%	-20.62%	-65.32%
UGA	Gasoline	1.72%	1.10%	4.59%
DBP	Precious Metals	0.16%	1.44%	7.23%
GLD	Gold	0.45%	2.28%	10.73%
SLV	Silver	-0.14%	0.23%	-1.00%
PPLT	abrdn Physical Platin..	0.18%	4.95%	-12.23%
PALL	abrdn Physical Palla..	0.67%	12.07%	-33.98%
DBB	Base Metals	0.32%	1.55%	-2.47%
CPER	Copper	-0.46%	2.36%	3.25%
DBA	Agriculture	0.09%	-0.45%	9.08%
CORN	Corn	-0.68%	-1.09%	-18.94%
SOYB	Soybeans	0.76%	-0.68%	-2.00%
WEAT	Wheat	-1.18%	5.39%	-26.44%
CANE	Sugar	-2.38%	-17.50%	30.64%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	-0.02%	-0.73%	4.59%
UDN	Short Dollar	-0.10%	1.43%	3.46%
FXE	Euro	0.27%	0.29%	3.65%
FXB	British Pound Sterling	-0.22%	1.79%	7.59%
FXF	Swiss Franc	0.38%	2.12%	6.31%
FXJ	Japanese Yen	-0.49%	4.68%	-8.71%
FXC	Canadian Dollar	-0.19%	2.53%	3.14%
FXA	Australian Dollar	-0.02%	2.99%	-0.53%

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