

Large Cap Blend (S&P 500) IVV



Mid Cap Blend (S&P 400) IJH

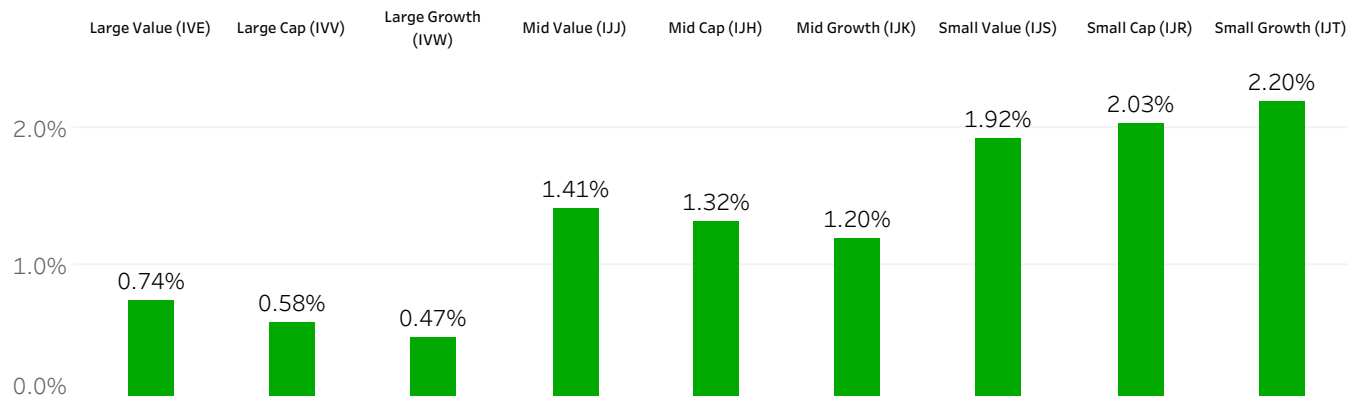


Small Cap Blend (S&P 600) IJR



■ 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
CALF	Pacer US Small Cap Cash Cows 100 ETF	2.77%
IPO	Renaissance IPO ETF	2.58%
RZV	Invesco S&P Smallcap 600 Pure Value ETF	2.44%
XSMO	Invesco S&P SmallCap Momentum ETF	2.44%
XSVM	Invesco S&P SmallCap Value with Momentum ETF	2.42%
RZG	Invesco S&P Smallcap 600 Pure Growth ETF	2.42%
DWAS	Invesco Dorsey Wright SmallCap Momentum ETF	2.39%
XSHQ	Invesco S&P SmallCap Quality ETF	2.32%
AVSC	Avantis U.S. Small Cap Equity ETF	2.31%
AVUV	Avantis U.S. Small Cap Value ETF	2.27%

Size & Style Most Overbought

Ticker	Fund	Price
EDOW	First Trust Dow 30 Equal Weight ETF	87.63
DIA	SPDR Dow Jones Industrial Average ETF Trust	85.04
LCG	Sterling Capital Focus Equity ETF	84.95
MMLG	First Trust Multi-Manager Large Growth ETF	84.65
CGGR	Capital Group Growth ETF	84.03
LCTU	BlackRock U.S. Carbon Transition Readiness ETF	83.93
FCTR	First Trust Lunt U.S. Factor Rotation ETF	83.82
DRUP	GraniteShares Nasdaq Select Disruptors ETF	83.77
NULG	Nuveen ESG Large-Cap Growth ETF	83.68
BKLC	BNY Mellon US Large Cap Core Equity ETF	83.58

Size & Style 1-Day Performance Laggards

Ticker	Fund	Performance
SPC	CrossingBridge Pre-Merger SPAC ETF	0.02%
JEPQ	J.P. Morgan Nasdaq Equity Premium Income ETF	0.08%
HUSV	First Trust Horizon Managed Volatility Domestic ETF	0.14%
CDC	VictoryShares US EQ Income Enhanced Volatility Wtd ETF	0.18%
USMV	iShares MSCI USA Min Vol Factor ETF	0.19%
WBIG	WBI BullBear Yield 3000 ETF	0.24%
FTCS	First Trust Capital Strength ETF	0.25%
PTNQ	Pacer Trendpilot 100 ETF	0.26%
ZECP	Zacks Earnings Consistent Portfolio ETF	0.26%
LGLV	SPDR SSGA US Large Cap Low Volatility Index ETF	0.26%

Size & Style Most Oversold

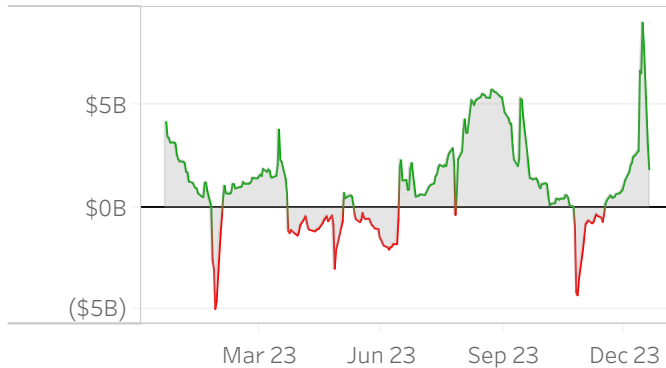
Ticker	Fund	Price
RPHS	Regents Park Hedged Market Strategy ETF	47.71
ALTL	Pacer Lunt Large Cap Alternator ETF	57.23
SPC	CrossingBridge Pre-Merger SPAC ETF	57.59
CDC	VictoryShares US EQ Income Enhanced Volatility Wtd..	57.86
SPLV	Invesco S&P 500 Low Volatility ETF	58.55
NULV	Nuveen ESG Large-Cap Value ETF	62.49
LGLV	SPDR SSGA US Large Cap Low Volatility Index ETF	63.36
HUSV	First Trust Horizon Managed Volatility Domestic ETF	63.69
FDLO	Fidelity Low Volatility Factor ETF	66.27
QLV	FlexShares US Quality Low Volatility Index Fund	66.75

*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	\$1,653B	\$29.09B	\$82.46B	\$125.33B	\$133.59B
Large Cap, Beta, Beta: Growth	10	\$320B	(\$2.73B)	\$12.15B	\$13.64B	\$18.58B
Large Cap, Beta, Beta: Value	11	\$241B	(\$0.50B)	\$5.57B	\$6.17B	(\$0.38B)
Mid Cap, Beta, Beta	10	\$209B	(\$3.24B)	\$0.13B	\$6.09B	\$7.72B
Mid Cap, Beta, Beta: Growth	6	\$39B	(\$0.08B)	\$0.89B	\$1.00B	\$0.97B
Mid Cap, Beta, Beta: Value	6	\$41B	(\$0.71B)	(\$0.51B)	(\$1.40B)	(\$2.77B)
Small Cap, Beta, Beta	11	\$224B	\$1.77B	\$8.68B	\$9.47B	\$12.75B
Small Cap, Beta, Beta: Growth	7	\$36B	(\$0.16B)	\$1.12B	\$1.33B	\$1.05B
Small Cap, Beta, Beta: Value	7	\$53B	(\$0.39B)	\$0.60B	\$0.10B	(\$1.18B)

U.S. Size & Style Flow Leaders

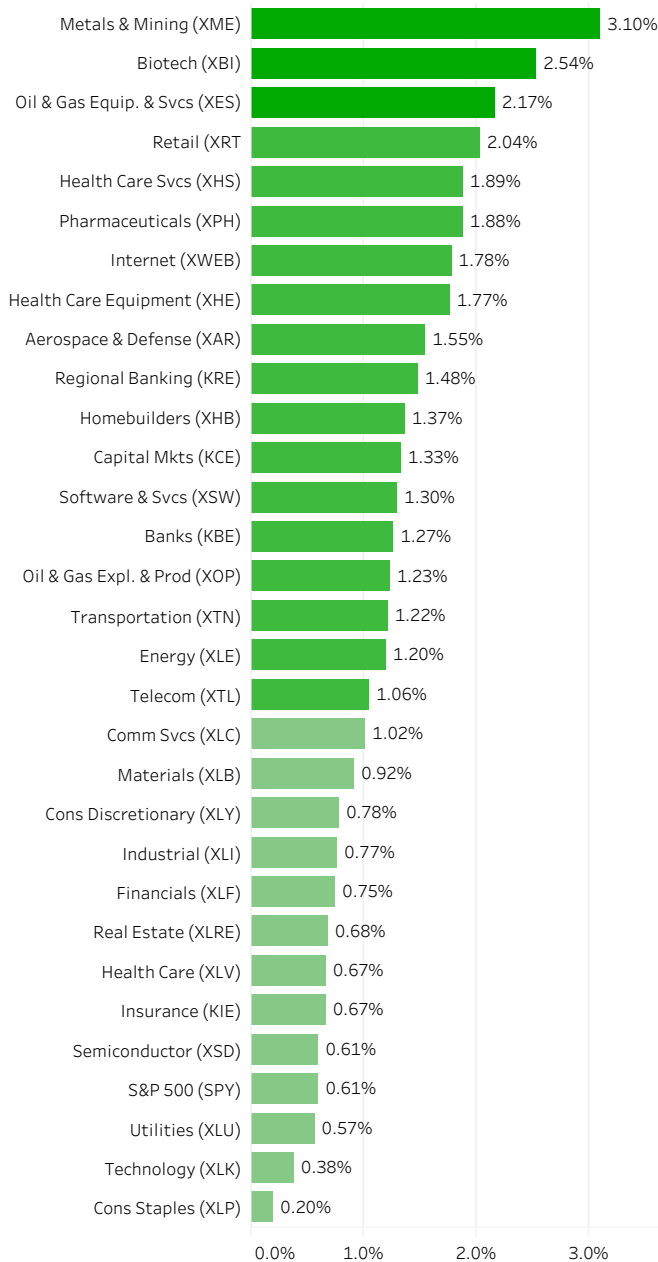
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
SPY	SPDR S&P 500 ETF Trust	\$38.76B	\$51.93B	\$51.05B	\$46.40B	\$490.68B
IWM	iShares Russell 2000 ETF	\$1.97B	\$5.61B	\$3.13B	\$1.57B	\$61.92B
RSP	Invesco S&P 500 Equal Weight ETF	\$1.50B	\$3.72B	\$9.06B	\$11.77B	\$48.02B
VTI	Vanguard Total Stock Market ETF	\$0.76B	\$9.63B	\$14.69B	\$23.80B	\$347.52B
SPLG	SPDR Portfolio S&P 500 ETF	\$0.62B	\$3.60B	\$4.92B	\$6.56B	\$25.13B
IWF	iShares Russell 1000 Growth ETF	\$0.53B	\$3.51B	\$2.62B	(\$0.30B)	\$81.61B
VOO	Vanguard S&P 500 ETF	\$0.45B	\$11.18B	\$27.34B	\$40.24B	\$369.35B
VTWO	Vanguard Russell 2000 ETF	\$0.37B	\$0.71B	\$1.00B	\$1.39B	\$7.56B
CALF	Pacer US Small Cap Cash Cows 100 ETF	\$0.28B	\$2.08B	\$3.01B	\$3.86B	\$6.15B
IJR	iShares Core S&P Small Cap ETF	\$0.27B	\$0.22B	\$1.79B	\$2.27B	\$74.86B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
VUG	Vanguard Growth ETF	(\$3.67B)	\$3.15B	\$2.10B	\$4.95B	\$104.96B
VO	Vanguard Mid-Cap ETF	(\$1.78B)	\$1.38B	\$1.30B	\$2.22B	\$59.26B
DGRW	WisdomTree US Quality Dividend Growth Fund	(\$1.58B)	\$0.74B	\$1.37B	\$2.34B	\$11.20B
IJH	iShares Core S&P Mid-Cap ETF	(\$1.52B)	(\$2.07B)	\$2.95B	\$3.84B	\$75.87B
VB	Vanguard Small-Cap ETF	(\$1.04B)	\$0.97B	\$1.54B	\$2.68B	\$49.70B
VXF	Vanguard Extended Market ETF	(\$0.95B)	\$0.24B	\$0.49B	\$1.24B	\$17.36B
QQQ	Invesco QQQ Trust Series I	(\$0.93B)	\$0.21B	\$5.99B	\$3.48B	\$226.06B
VTV	Vanguard Value ETF	(\$0.79B)	\$0.04B	\$0.05B	\$0.71B	\$105.61B
VOE	Vanguard Mid-Cap Value ETF	(\$0.67B)	(\$0.12B)	(\$0.75B)	(\$0.70B)	\$16.43B
DIA	SPDR Dow Jones Industrial Average ETF Trust	(\$0.58B)	\$0.24B	\$0.08B	(\$0.86B)	\$32.00B

* 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%	25.16%	6.92%	9.71%	77.64
XLC	Communication Services Select Sector SPDR Fund	0.00%	50.97%	5.54%	12.13%	68.67
XLF	Financial Select Sector SPDR Fund	0.00%	21.27%	8.94%	11.74%	78.23
XLI	Industrial Select Sector SPDR Fund	0.00%	17.45%	8.51%	9.42%	78.48
XLK	Technology Select Sector SPDR Fund	0.00%	58.92%	8.29%	15.46%	75.81
XLY	Consumer Discretionary Select Sector SPDR Fund	0.00%	41.30%	10.31%	12.83%	83.91
XLB	Materials Select Sector SPDR Fund	-0.27%	14.81%	7.55%	6.63%	71.82
XLV	Health Care Select Sector SPDR Fund	-1.15%	9.37%	3.99%	2.70%	65.33
XLRE	Real Estate Select Sector SPDR Fund	-5.00%	23.45%	11.34%	9.00%	70.95
XLP	Consumer Staples Select Sector SPDR Fund	-7.64%	8.09%	3.36%	-1.39%	60.28
XLE	Energy Select Sector SPDR Fund	-8.75%	11.23%	-0.19%	0.87%	55.37
XLU	Utilities Select Sector SPDR Fund	-11.78%	13.17%	3.41%	-1.43%	53.74

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
XME	SPDR S&P Metals & Mining ETF	3.10%
PXI	Invesco Dorsey Wright Energy Momentum ETF	2.92%
XBI	SPDR S&P BIOTECH ETF	2.54%
PSCH	Invesco S&P SmallCap Health Care ETF	2.47%
PTH	Invesco Dorsey Wright Healthcare Momentum ETF	2.23%
FBT	First Trust NYSE Arca Biotechnology Index Fund	2.18%
XES	SPDR S&P Oil & Gas Equipment & Services ETF	2.17%
PSCE	Invesco S&P SmallCap Energy ETF	2.15%
PXJ	Invesco Oil & Gas Services ETF	2.09%
PYZ	Invesco Dorsey Wright Basic Materials Momentu..	2.09%

Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
IYC	iShares U.S. Consumer Discretionary ETF	86.30
VCR	Vanguard Consumer Discretionary ETF	85.04
IYG	iShares US Financial Services ETF	84.23
FDIS	Fidelity MSCI Consumer Discretionary Index ETF	84.21
IYJ	iShares U.S. Industrials ETF	83.98
XLY	Consumer Discretionary Select Sector SPDR Fund	83.91
FDN	First Trust Dow Jones Internet Index Fund	83.62
PAVE	Global X U.S. Infrastructure Development ETF	82.46
KCE	SPDR S&P Capital Markets ETF	82.30
FXL	First Trust Technology AlphaDEX Fund	82.15

Sector & Industry 1 Day Performance Laggards

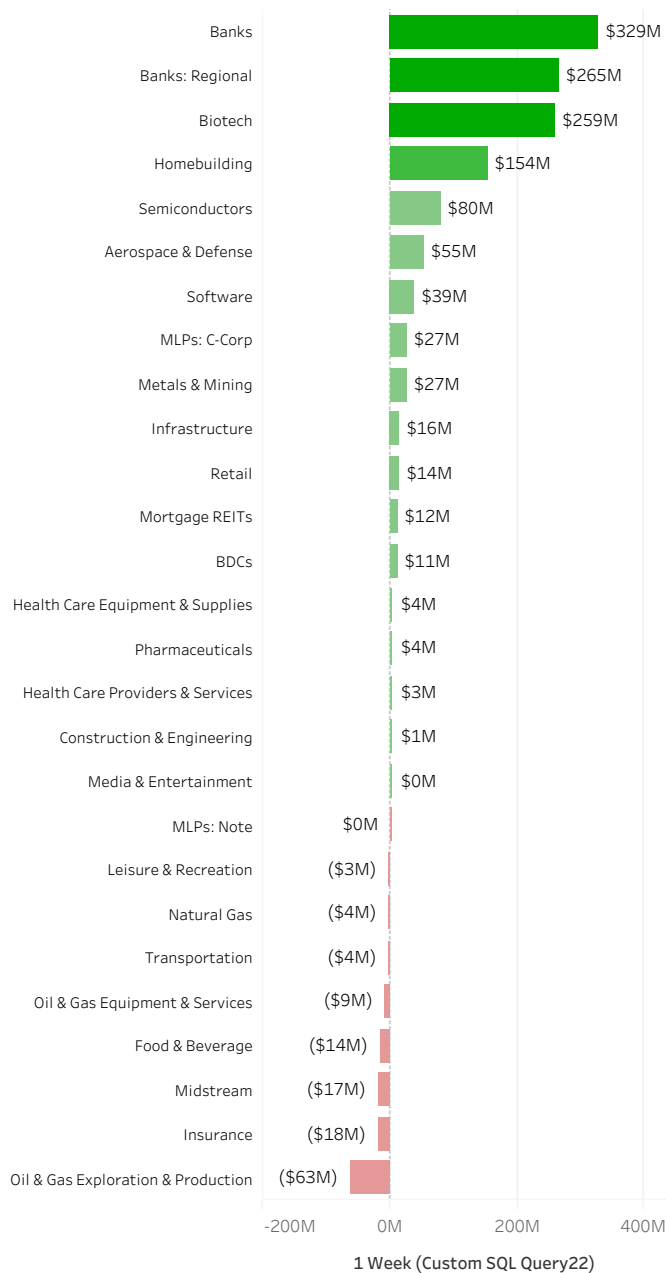
Ticker	Fund	1 Day Performance
XLP	Consumer Staples Select Sector SPDR Fund	0.20%
IETC	iShares U.S. Tech Independence Focused ETF	0.21%
IYK	iShares U.S. Consumer Staples ETF	0.30%
ENFR	Alerian Energy Infrastructure ETF	0.31%
NURE	Nuveen Short-Term REIT ETF	0.31%
VDC	Vanguard Consumer Staples ETF	0.37%
XLK	Technology Select Sector SPDR Fund	0.38%
TDV	ProShares S&P Technology Dividend Aristocrats ETF	0.39%
QTEC	First Trust NASDAQ-100 Technology Sector Index Fund	0.41%
IYW	iShares U.S. Technology ETF	0.43%

Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
MLPA	Global X MLP ETF	48.39
AML	Alerian MLP ETF	49.71
KBWP	Invesco KBW Property & Casualty Insurance ETF	49.99
FCG	First Trust Natural Gas ETF	52.97
RSPU	Invesco S&P 500 Equal Weight Utilities ETF	53.58
XLU	Utilities Select Sector SPDR Fund	53.74
PXE	Invesco Energy Exploration & Production ETF	54.47
RSPG	Invesco S&P 500 Equal Weight Energy ETF	54.56
ENFR	Alerian Energy Infrastructure ETF	54.64
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	54.72

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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	\$21B	\$35M	\$996M	\$2,009M	\$3,557M
Consumer Discretionary	12	\$30B	(\$289M)	(\$412M)	\$1,436M	\$2,817M
Consumer Staples	10	\$26B	(\$83M)	(\$2,546M)	(\$3,722M)	(\$3,057M)
Energy	30	\$71B	(\$61M)	\$712M	\$2,446M	(\$7,029M)
Financials	26	\$61B	(\$221M)	(\$816M)	(\$1,723M)	(\$1,004M)
Health Care	23	\$86B	(\$57M)	(\$3,795M)	(\$5,882M)	(\$10,032M)
Industrial	13	\$37B	\$488M	(\$136M)	\$616M	\$2,197M
Materials	9	\$12B	\$55M	(\$1,332M)	(\$2,073M)	(\$2,444M)
Multi-Sector	17	\$20B	\$15M	(\$562M)	\$923M	\$2,263M
Real Estate	25	\$61B	\$491M	\$1,669M	\$2,014M	(\$1,940M)
Technology	23	\$176B	(\$721M)	\$5,285M	\$5,337M	\$5,742M
Utilities	9	\$22B	\$174M	(\$1,141M)	(\$1,961M)	(\$1,859M)

U.S. Sector & Industry Flow Leaders

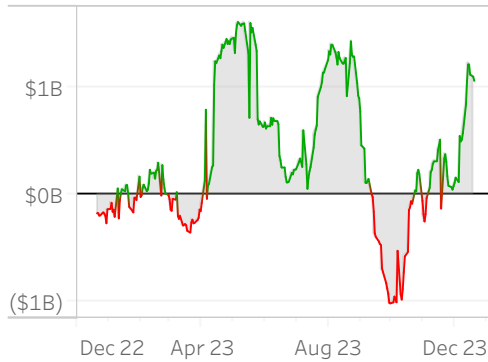
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLI	Industrial Select Sector SPDR Fund	\$425M	(\$198M)	\$77M	\$759M	\$15,867M
VNQ	Vanguard Real Estate ETF	\$302M	(\$776M)	(\$246M)	(\$1,998M)	\$33,457M
KBE	SPDR S&P Bank ETF	\$284M	\$474M	\$228M	\$187M	\$1,892M
KRE	SPDR S&P Regional Banking ETF	\$245M	\$403M	\$49M	\$1,095M	\$3,912M
XBI	SPDR S&P BIOTECH ETF	\$219M	\$369M	\$378M	(\$1,290M)	\$6,946M
XLU	Utilities Select Sector SPDR Fund	\$174M	(\$391M)	(\$1,015M)	(\$729M)	\$14,209M
XLRE	Real Estate Select Sector SPDR Fund	\$143M	\$677M	\$707M	\$295M	\$5,528M
VGT	Vanguard Information Technology ETF	\$132M	\$1,030M	\$928M	(\$178M)	\$59,268M
XHB	SPDR S&P Homebuilders ETF	\$112M	\$133M	\$124M	\$331M	\$1,691M
SOXX	iShares Semiconductor ETF	\$91M	(\$33M)	\$392M	\$413M	\$10,189M

U.S. Sector & Industry Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLF	Financial Select Sector SPDR Fund	(\$818M)	(\$1,155M)	(\$1,889M)	(\$901M)	\$33,051M
XLY	Consumer Discretionary Select Sector SPDR Fu..	(\$341M)	(\$229M)	\$1,192M	\$1,755M	\$19,581M
VHT	Vanguard Health Care ETF	(\$204M)	(\$686M)	(\$729M)	(\$828M)	\$16,312M
FDN	First Trust Dow Jones Internet Index Fund	(\$177M)	(\$526M)	\$5M	\$502M	\$5,926M
XLV	Health Care Select Sector SPDR Fund	(\$140M)	(\$2,417M)	(\$3,807M)	(\$3,883M)	\$37,434M
IEO	iShares U.S. Oil & Gas Exploration & Production..	(\$87M)	(\$106M)	\$67M	(\$279M)	\$750M
KIE	SPDR S&P Insurance ETF	(\$35M)	\$171M	\$191M	\$191M	\$748M
XLP	Consumer Staples Select Sector SPDR Fund	(\$33M)	(\$1,403M)	(\$1,562M)	(\$1,036M)	\$15,538M
FENY	Fidelity MSCI Energy Index ETF	(\$23M)	(\$70M)	(\$3M)	(\$93M)	\$1,480M
FCOM	Fidelity MSCI Communication Services Index ETF	(\$22M)	\$27M	\$43M	\$156M	\$848M

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Communication Services



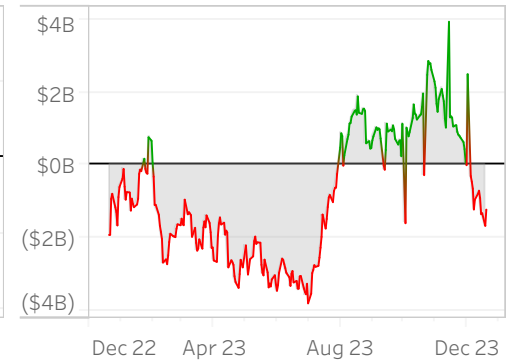
Consumer Discretionary



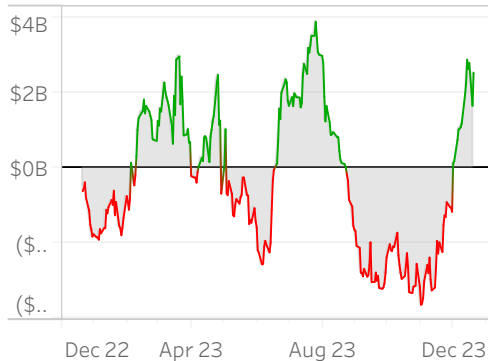
Consumer Staples



Energy



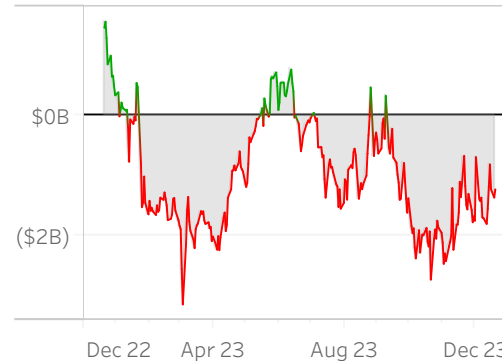
Financials



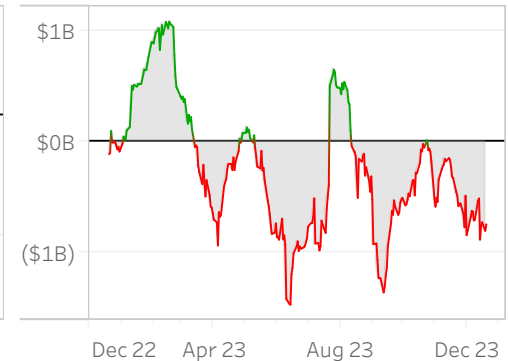
Industrial



Health Care



Materials



Real Estate



Technology



Utilities

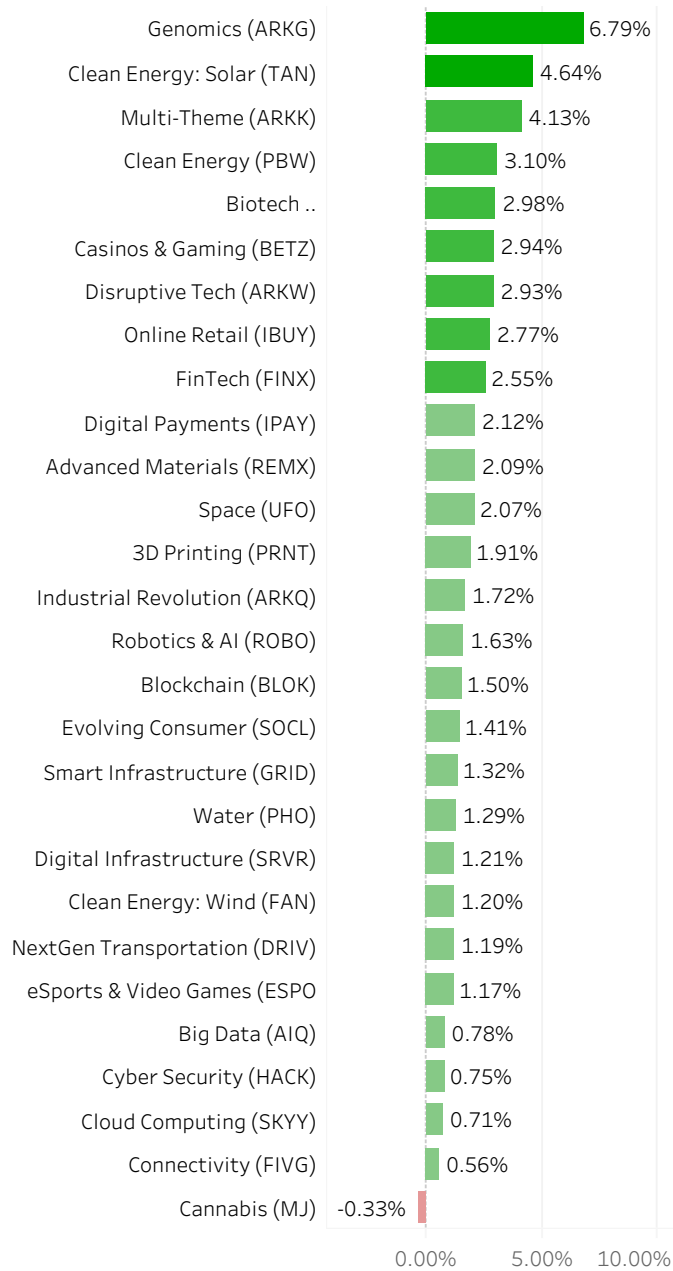


Multi-Sector

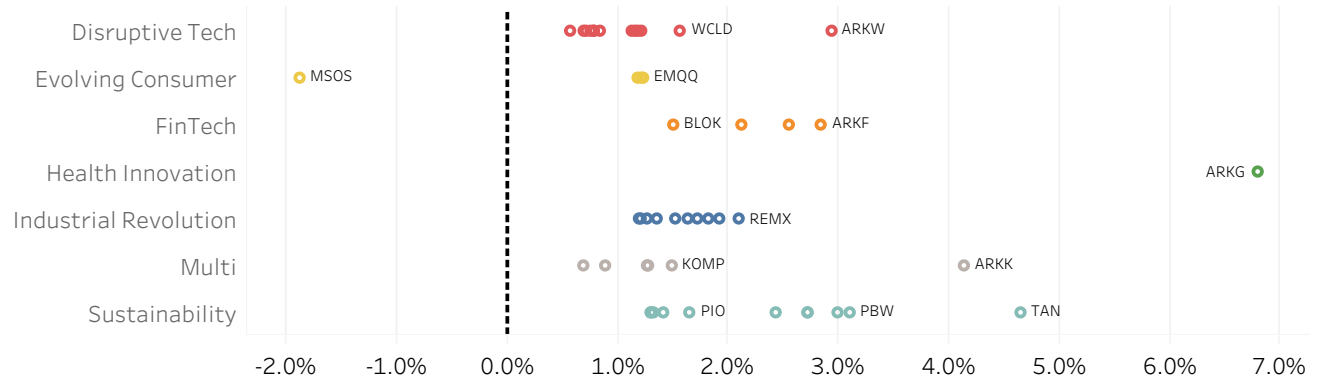


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Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	Performance (%)
ARKG	ARK Genomic Revolution ETF	6.79%
TAN	Invesco Solar ETF	4.64%
ARKK	ARK Innovation ETF	4.13%
GNOM	Global X Genomics & Biotechnology ETF	3.56%
FDIG	Fidelity Crypto Industry and Digital Payments ETF	3.40%
EDOC	Global X Telemedicine & Digital Health ETF Registered	3.30%
DAPP	VanEck Digital Transformation ETF	3.29%
PBW	Invesco WilderHill Clean Energy ETF	3.10%
BITQ	Bitwise Crypto Industry Innovators ETF	3.02%
CNRG	SPDR S&P Kensho Clean Power ETF	2.99%

Thematic Most Overbought

Ticker	Fund	Value
IHAK	iShares Cybersecurity & Tech ETF	89.47
BUG	Global X Cybersecurity ETF	89.11
CIBR	First Trust NASDAQ Cybersecurity ETF	88.11
MILN	Global X Millennial Consumer ETF	85.61
HACK	ETFMG Prime Cyber Security ETF	85.36
DTEC	ALPS Disruptive Technologies ETF	84.34
ARKF	ARK Fintech Innovation ETF	83.88
FINX	Global X FinTech ETF	83.52
IPAY	ETFMG Prime Mobile Payments ETF	83.08
METV	Roundhill Ball Metaverse ETF	82.93

Global Thematic 1-Day Performance Laggards

Ticker	Fund	Performance (%)
MSOS	AdvisorShares Pure US Cannabis ETF	-1.89%
MJUS	ETFMG U.S. Alternative Harvest ETF	-1.34%
MJ	ETFMG Alternative Harvest ETF	-0.33%
SAMT	Strategas Macro Thematic Opportunities ETF	-0.25%
GTEK	Goldman Sachs Future Tech Leaders Equity ETF	0.27%
FCLD	Fidelity Cloud Computing ETF	0.41%
QTUM	Defiance Quantum ETF	0.49%
FIVG	Defiance Next Gen Connectivity ETF	0.56%
KLDW	Knowledge Leaders Developed World ETF	0.64%
TECB	iShares U.S. Tech Breakthrough Multisector ETF	0.68%

Thematic Most Oversold

Ticker	Fund	Value
MJUS	ETFMG U.S. Alternative Harvest ETF	40.00
KGRN	KraneShares MSCI China Clean Technology Index ETF	41.05
MSOS	AdvisorShares Pure US Cannabis ETF	41.63
MJ	ETFMG Alternative Harvest ETF	45.03
KWEB	KraneShares CSI China Internet ETF	45.32
KARS	KraneShares Electric Vehicles & Future Mobility Index ETF	55.80
SAMT	Strategas Macro Thematic Opportunities ETF	56.35
LIT	Global X Lithium & Battery Tech ETF	56.68
REMX	VanEck Rare Earth/Strategic Metals ETF	59.27
BATT	Amplify Lithium & Battery Technology ETF	59.70

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Thematic 1 Week Flow Leaders

Ticker	Fund	Flow
ARKK	ARK Innovation ETF	\$310M
BLOK	Amplify Transformational Data Sharing ETF	\$115M
TAN	Invesco Solar ETF	\$37M
AIQ	Global X Artificial Intelligence & Technology ETF	\$32M
ARKW	ARK Next Generation Internet ETF	\$11M
FINX	Global X FinTech ETF	\$10M
BOTZ	Global X Robotics & Artificial Intelligence ETF	\$9M
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	\$8M
IRBO	iShares Robotics and Artificial Intelligence Multisector ETF	\$7M
CNRG	SPDR S&P Kensho Clean Power ETF	\$5M

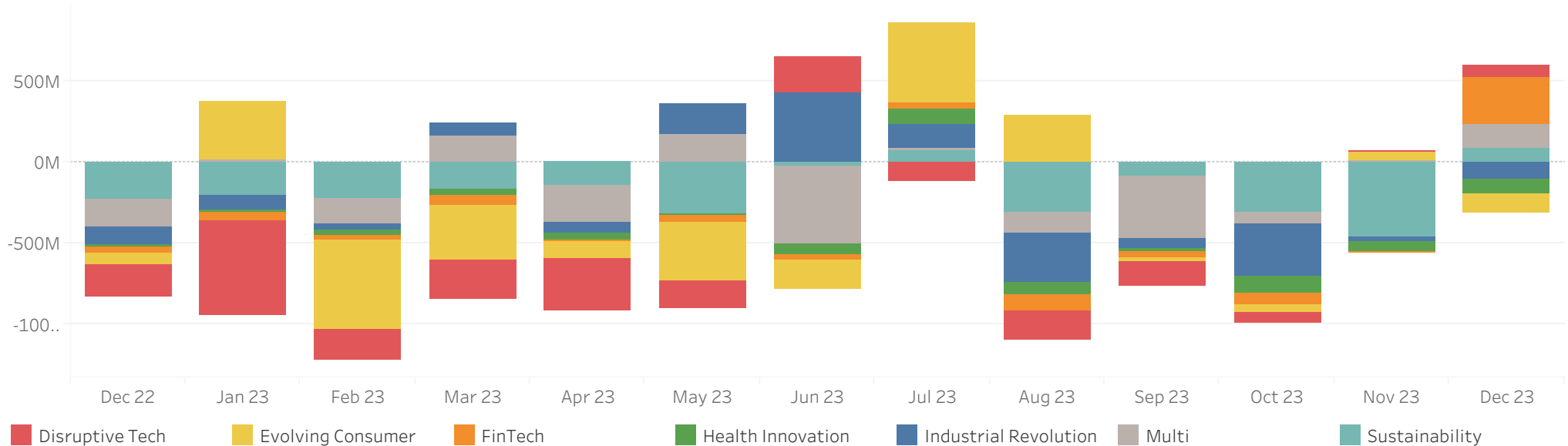
Thematic 1 Week Flow Laggards

Ticker	Fund	Flow
ARKG	ARK Genomic Revolution ETF	(\$70M)
LIT	Global X Lithium & Battery Tech ETF	(\$55M)
EMQQ	EMQQ The Emerging Markets Internet & Ecommerce ETF	(\$46M)
WCLD	WisdomTree Cloud Computing Fund	(\$25M)
KWEB	KraneShares CSI China Internet ETF	(\$21M)
DRIV	Global X Autonomous & Electric Vehicles ETF	(\$16M)
IBUY	Amplify Online Retail ETF	(\$13M)
XT	iShares Exponential Technologies ETF	(\$12M)
ARKQ	ARK Autonomous Technology & Robotics ETF	(\$8M)
TARK	AXS 2X Innovation ETF	(\$8M)

Thematic Landscape Assets & Flows

Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	33	\$19B	(\$29M)	(\$73M)	(\$434M)	(\$1,909M)
Evolving Consumer	37	\$8B	(\$71M)	(\$127M)	\$559M	(\$605M)
FinTech	17	\$3B	\$107M	\$221M	\$110M	(\$135M)
Health Innovation	17	\$3B	(\$71M)	(\$188M)	(\$259M)	(\$474M)
Industrial Revolution	30	\$10B	(\$80M)	(\$489M)	(\$661M)	(\$277M)
Multi	35	\$17B	\$257M	(\$28M)	(\$562M)	(\$1,114M)
Sustainability	40	\$13B	\$30M	(\$716M)	(\$1,094M)	(\$2,302M)
Grand Total	209	\$73B	\$143M	(\$1,400M)	(\$2,340M)	(\$6,815M)

Thematic Monthly Flows

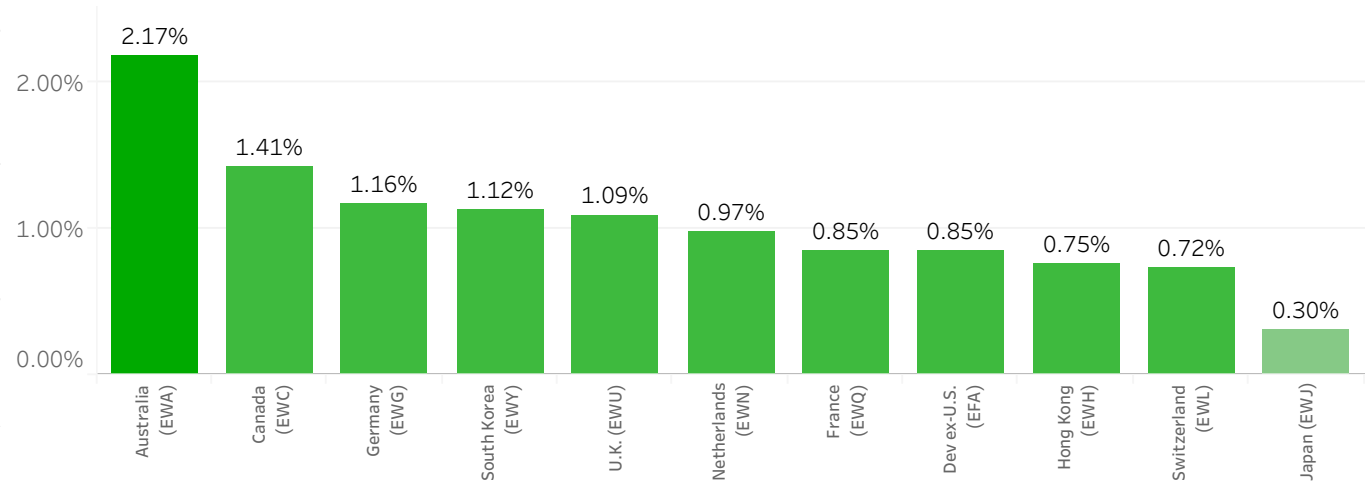


* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

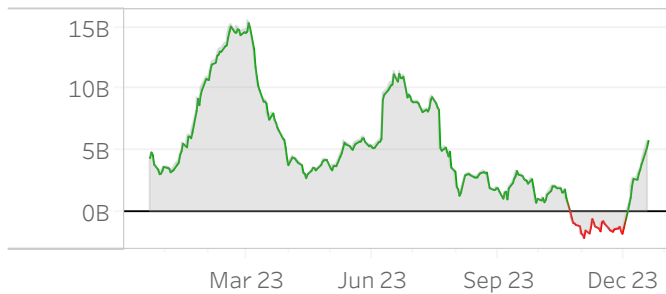
Developed ex-U.S. (EFA)



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



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



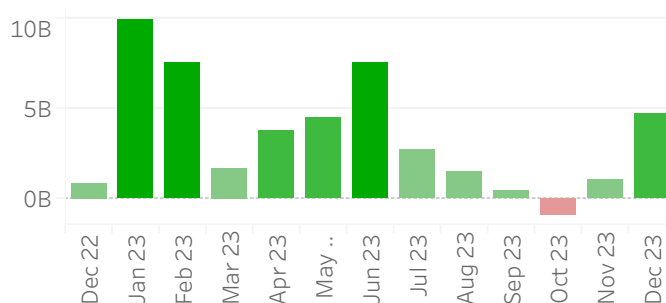
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
EWA	iShares MSCI Australia ETF	2.17%
EIRL	iShares MSCI Ireland ETF	1.88%
ENZL	iShares MSCI New Zealand ETF	1.85%
EPP	iShares MSCI Pacific ex-Japan ETF	1.73%
DFE	WisdomTree Europe SmallCap Dividend Fund	1.67%
BBAX	JPMorgan BetaBuilders Developed Asia Pacific-ex Japan ETF	1.65%
ISRA	VanEck Israel ETF	1.52%
FLCA	Franklin FTSE Canada ETF	1.52%
IEUS	iShares MSCI Europe Small-Cap ETF	1.51%
BBCA	JPMorgan BetaBuilders Canada ETF	1.49%

Developed ex-U.S. Most Overbought

Ticker	Fund	Value
EWD	iShares MSCI Sweden ETF	85.34
TOK	iShares MSCI Kokusai ETF	83.20
HEDJ	WisdomTree Europe Hedged Equity Fund	79.51
HEZU	iShares Currency Hedged MSCI Eurozone ETF	79.42
EIRL	iShares MSCI Ireland ETF	78.95
IHDG	WisdomTree International Hedged Quality Dividend Grow..	78.24
IQDG	WisdomTree International Quality Dividend Growth Fund	78.08
FICS	First Trust International Developed Capital Strength ETF	77.85
EWN	iShares MSCI Netherlands ETF	77.76
EWA	iShares MSCI Australia ETF	77.58

Developed ex-U.S. Monthly Flows



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

Ticker	Fund	1-Day Performance
EWJV	iShares MSCI Japan Value ETF	-0.14%
DFJ	WisdomTree Japan SmallCap Dividend Fund	0.01%
FJP	First Trust Japan AlphaDEX Fund	0.16%
BBJP	JPMorgan BetaBuilders Japan ETF	0.17%
FLJP	Franklin FTSE Japan ETF	0.18%
SCJ	iShares MSCI Japan Small-Cap ETF	0.28%
EWJ	iShares MSCI Japan ETF	0.30%
HEDJ	WisdomTree Europe Hedged Equity Fund	0.33%
EFAV	iShares MSCI EAFE Min Vol Factor ETF	0.38%
DBEU	Xtrackers MSCI Europe Hedged Equity ETF	0.41%

Developed ex-U.S. Most Oversold

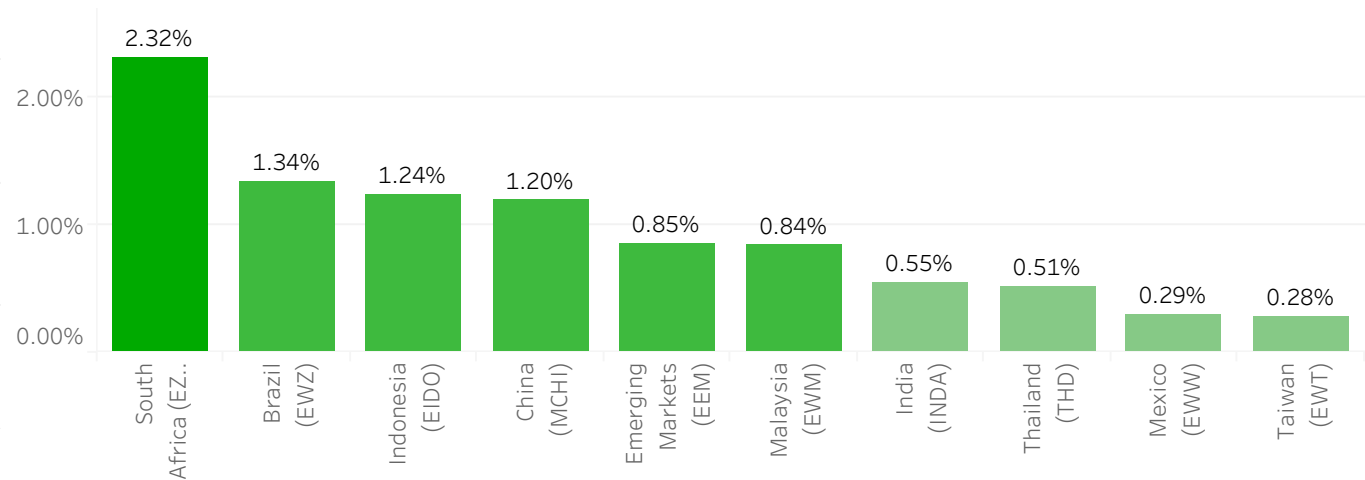
Ticker	Fund	Value
BBJP	JPMorgan BetaBuilders Japan ETF	41.96
LVHI	Franklin International Low Volatility High Dividend I..	44.92
DXJ	WisdomTree Japan Hedged Equity Fund	46.01
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	47.68
FLJP	Franklin FTSE Japan ETF	48.27
EWJV	iShares MSCI Japan Value ETF	48.82
HEWJ	iShares Currency Hedged MSCI Japan ETF	49.86
DXJS	WisdomTree Japan Hedged SmallCap Equity Fund	52.61
FJP	First Trust Japan AlphaDEX Fund	52.89
JIRE	JPMorgan International Research Enhanced Equity ..	53.01

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Emerging (EEM)



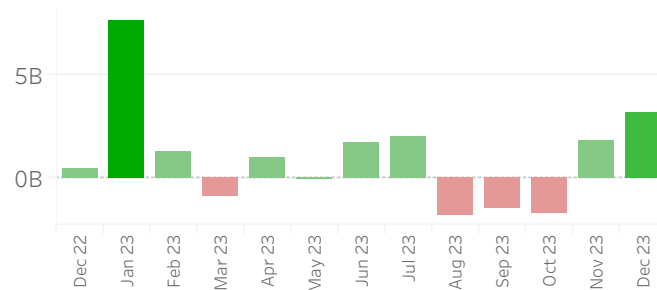
Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
EZA	iShares MSCI South Africa ETF	2.32%
PGJ	Invesco Golden Dragon China ETF	2.01%
EPU	iShares MSCI Peru and Global Exposure ETF	1.87%
FXI	iShares China Large-Cap ETF	1.34%
QAT	iShares MSCI Qatar ETF	1.34%
EWZ	iShares MSCI Brazil ETF	1.34%
FRDM	Freedom 100 Emerging Markets ETF	1.33%
FLBR	Franklin FTSE Brazil ETF	1.30%
ECH	iShares MSCI Chile ETF	1.29%
EIDO	iShares MSCI Indonesia ETF	1.24%

Emerging Most Overbought

Ticker	Fund	Value
INDY	iShares India 50 ETF	87.62
EPI	WisdomTree India Earnings Fund	84.92
INDA	iShares MSCI India ETF	83.70
EWZ	iShares MSCI Mexico ETF	80.96
EPU	iShares MSCI Peru and Global Exposure ETF	80.59
GLIN	VanEck India Growth Leaders ETF	78.77
NFTY	First Trust India NIFTY 50 Equal Weight ETF	78.32
KSA	iShares MSCI Saudi Arabia ETF	77.75
FLIN	Franklin FTSE India ETF	77.23
EMXC	iShares MSCI Emerging Markets ex China ETF	74.59

Emerging 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
TUR	iShares MSCI Turkey ETF	-0.76%
ECNS	iShares MSCI China Small-Cap ETF	-0.11%
DGRE	WisdomTree Emerging Markets Quality Dividend Growth	-0.04%
EEMS	iShares MSCI Emerging Markets Small Cap ETF	0.02%
FLTW	Franklin FTSE Taiwan ETF	0.13%
PIE	Invesco Dorsey Wright Emerging Markets Momentum E..	0.16%
EDIV	SPDR S&P Emerging Markets Dividend ETF	0.16%
FEMS	First Trust Emerging Markets Small Cap AlphaDEX Fund	0.18%
EPHE	iShares MSCI Philippines ETF	0.19%
SMIN	iShares MSCI India Small Cap ETF	0.24%

Emerging Most Oversold

Ticker	Fund	Value
KBA	KraneShares Bosera MSCI China A 50 Connect Index ..	29.66
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	29.73
RAYC	Rayliant Quantamental China Equity ETF	36.13
VNM	VanEck Vietnam ETF	36.16
FLCH	Franklin FTSE China ETF	37.51
GXC	SPDR S&P China ETF	37.69
CNYA	iShares MSCI China A ETF	38.98
ECNS	iShares MSCI China Small-Cap ETF	39.76
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	40.77
FXI	iShares China Large-Cap ETF	41.07

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

Fixed Income (AGG)



Commodities (DJP)



Currencies (UUP)



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

Fixed Income Performance

Ticker	Name	1 Day	1 Month	YTD
AGG	U.S. Aggregate	0.12%	4.12%	4.97%
SHY	1-3 Year Treasury Bonds	0.04%	1.18%	3.77%
IEF	7-10 Year Treasury Bonds	0.19%	4.29%	3.18%
TLT	20+ Year Treasury Bonds	0.54%	10.52%	2.78%
TIP	TIPS Bonds	0.07%	3.04%	3.70%
FLOT	Floating Rate Bonds	0.02%	0.52%	6.18%
LQD	Investment Grade Corporate	0.13%	6.18%	8.79%
HYG	High Yield Corporate	0.29%	4.23%	11.25%
BKLN	Senior Loan	0.24%	1.67%	12.10%
PFF	Preferred & Income Securities	0.55%	4.45%	8.95%
MUB	Municipal Bonds	0.10%	3.57%	5.20%
MBB	MBS	0.23%	4.14%	4.05%
EMB	Dollar Denominated EM Bonds	0.25%	6.52%	10.52%
LEMB	Local Currency EM Bond	0.41%	3.09%	6.78%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	0.88%	-1.75%	-8.54%
DBE	Energy	1.26%	-2.30%	-8.24%
USO	WTI Crude Oil	1.87%	-1.96%	-1.07%
BNO	Brent Crude Oil	1.84%	-0.81%	0.07%
UNG	Natural Gas	0.20%	-20.45%	-65.25%
UGA	Gasoline	1.37%	2.48%	6.02%
DBP	Precious Metals	0.77%	2.22%	8.05%
GLD	Gold	0.68%	2.97%	11.49%
SLV	Silver	1.06%	1.29%	0.05%
PPLT	abrdn Physical Platin..	0.85%	5.84%	-11.48%
PALL	abrdn Physical Palla..	3.92%	16.46%	-31.40%
DBB	Base Metals	0.79%	2.36%	-1.70%
CPER	Copper	1.43%	3.82%	4.72%
DBA	Agriculture	0.24%	-0.21%	9.34%
CORN	Corn	-0.82%	-1.90%	-19.61%
SOYB	Soybeans	-1.43%	-2.10%	-3.40%
WEAT	Wheat	0.68%	6.10%	-25.94%
CANE	Sugar	1.12%	-16.57%	32.11%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	-0.44%	-1.17%	4.13%
UDN	Short Dollar	0.50%	1.94%	3.98%
FXE	Euro	0.53%	0.82%	4.20%
FXB	British Pound Sterling	0.56%	2.36%	8.19%
FXF	Swiss Franc	0.76%	2.89%	7.11%
FXJ	Japanese Yen	-0.69%	3.95%	-9.34%
FXC	Canadian Dollar	0.49%	3.03%	3.64%
FXA	Australian Dollar	0.91%	3.93%	0.38%

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