

Large Cap Blend (S&P 500) IVV



Mid Cap Blend (S&P 400) IJH

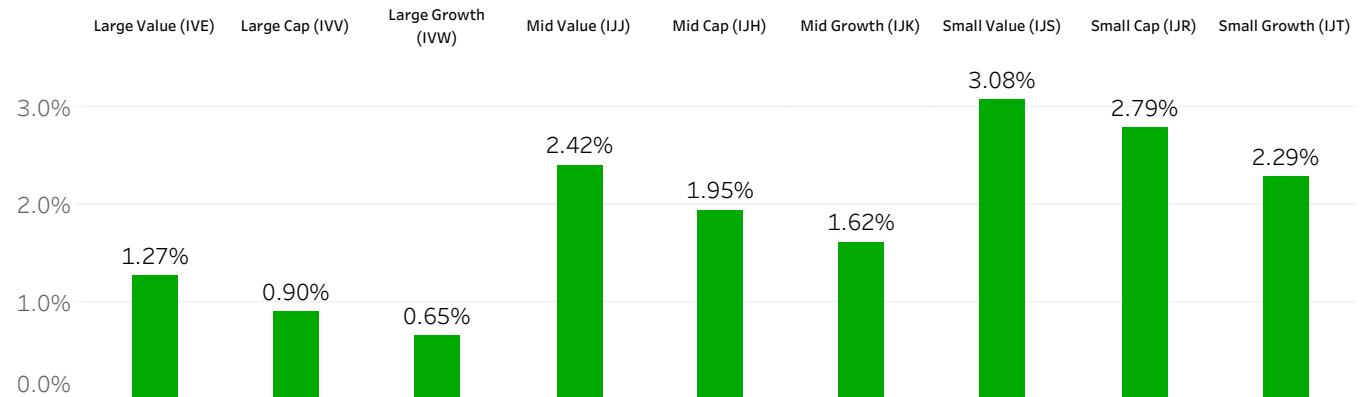


Small Cap Blend (S&P 600) IJR



■ 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
RZV	Invesco S&P Smallcap 600 Pure Value ETF	3.45%
FPX	First Trust US Equity Opportunities ETF	3.38%
IPO	Renaissance IPO ETF	3.35%
RDIV	Invesco S&P Ultra Dividend Revenue ETF	3.31%
CSML	IndexIQ ETF Trust IQ U.S. Small Cap ETF	3.12%
IWC	iShares Micro-Cap ETF	3.12%
IJS	iShares S&P Small-Cap 600 Value ETF	3.08%
VIOV	Vanguard S&P Small-Cap 600 Value ETF	3.08%
BBSC	JPMorgan BetaBuilders U.S. Small Cap Equity ETF	3.07%
JSML	Janus Henderson Small Cap Growth Alpha ETF	3.07%

Size & Style Most Overbought

Ticker	Fund	Price
AUSF	Global X Adaptive U.S. Factor ETF	68.05
CSB	VictoryShares US Small Cap High Dividend Volatility Wtd ..	63.36
RDIV	Invesco S&P Ultra Dividend Revenue ETF	63.30
SVAL	iShares US Small Cap Value Factor ETF	63.09
PWB	Invesco Large Cap Growth ETF	62.94
SMDV	ProShares Russell 2000 Dividend Growers ETF	62.77
MBCC	Monarch Blue Chips Core ETF	62.75
FYT	First Trust Small Cap Value AlphaDEX Fund	62.68
QMOM	Momentumshares US Quantitative Momentum ETF	62.63
QVAL	Alpha Architect US Quantitative Value ETF	62.53

Size & Style 1-Day Performance Laggards

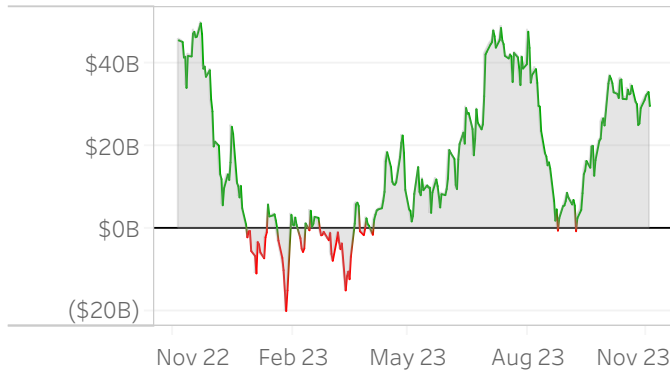
Ticker	Fund	Performance
ONOF	Global X Adaptive U.S. Risk Management ETF	-0.05%
LSAT	Leadershares Alphafactor Tactical Focused ETF	0.00%
SPC	CrossingBridge Pre-Merger SPAC ETF	0.11%
PTMC	Pacer Trendpilot US Mid Cap ETF	0.13%
TPHE	Timothy Plan High Dividend Stock Enhanced ETF	0.14%
CDC	VictoryShares US EQ Income Enhanced Volatility Wtd ETF	0.25%
HDV	iShares Core High Dividend ETF	0.28%
CFO	VictoryShares US 500 Enhanced Volatility Wtd ETF	0.35%
RPG	Invesco S&P 500 Pure Growth ETF	0.37%
TPLE	Timothy Plan Us Large/Mid Cap Core Enhanced ETF	0.38%

Size & Style Most Oversold

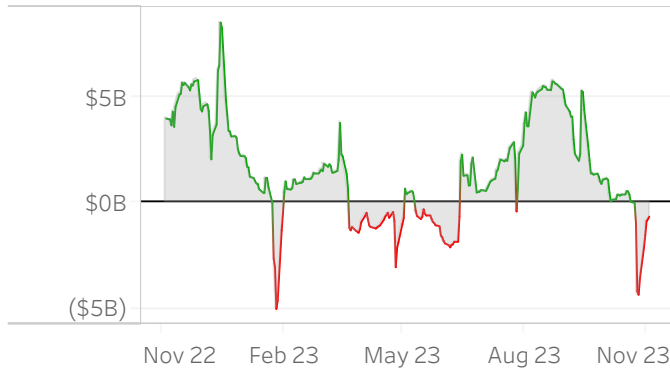
Ticker	Fund	Price
PTMC	Pacer Trendpilot US Mid Cap ETF	35.83
LSAT	Leadershares Alphafactor Tactical Focused ETF	37.00
ALTL	Pacer Lunt Large Cap Alternator ETF	40.65
ONOF	Global X Adaptive U.S. Risk Management ETF	41.74
FFTY	Innovator IBD 50 ETF	45.54
TPLE	Timothy Plan Us Large/Mid Cap Core Enhanced ETF	45.58
CFO	VictoryShares US 500 Enhanced Volatility Wtd ETF	46.33
LGH	HCM Defender 500 Index ETF	46.87
TMFS	Motley Fool Small-Cap Growth ETF	48.23
TPHE	Timothy Plan High Dividend Stock Enhanced ETF	48.30

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

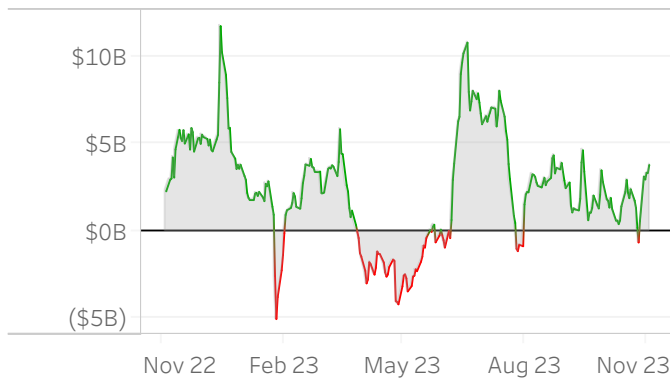
Large-Cap 30-Day Rolling Flows



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	\$1,442B	\$3.12B	\$31.32B	\$78.73B	\$71.75B
Large Cap, Beta, Beta: Growth	10	\$281B	\$1.38B	\$8.24B	\$10.16B	\$18.29B
Large Cap, Beta, Beta: Value	11	\$215B	\$0.11B	\$1.02B	(\$2.30B)	(\$8.27B)
Mid Cap, Beta, Beta	10	\$184B	\$0.25B	\$1.31B	\$6.19B	\$10.01B
Mid Cap, Beta, Beta: Growth	6	\$33B	\$0.19B	(\$0.12B)	\$0.58B	\$0.57B
Mid Cap, Beta, Beta: Value	6	\$36B	(\$0.04B)	(\$0.77B)	(\$1.78B)	(\$2.62B)
Small Cap, Beta, Beta	11	\$188B	\$1.24B	\$2.34B	\$10.00B	\$11.18B
Small Cap, Beta, Beta: Growth	7	\$31B	\$0.32B	\$0.37B	\$0.72B	\$0.94B
Small Cap, Beta, Beta: Value	7	\$45B	(\$0.02B)	(\$0.70B)	(\$1.24B)	(\$1.25B)

U.S. Size & Style Flow Leaders

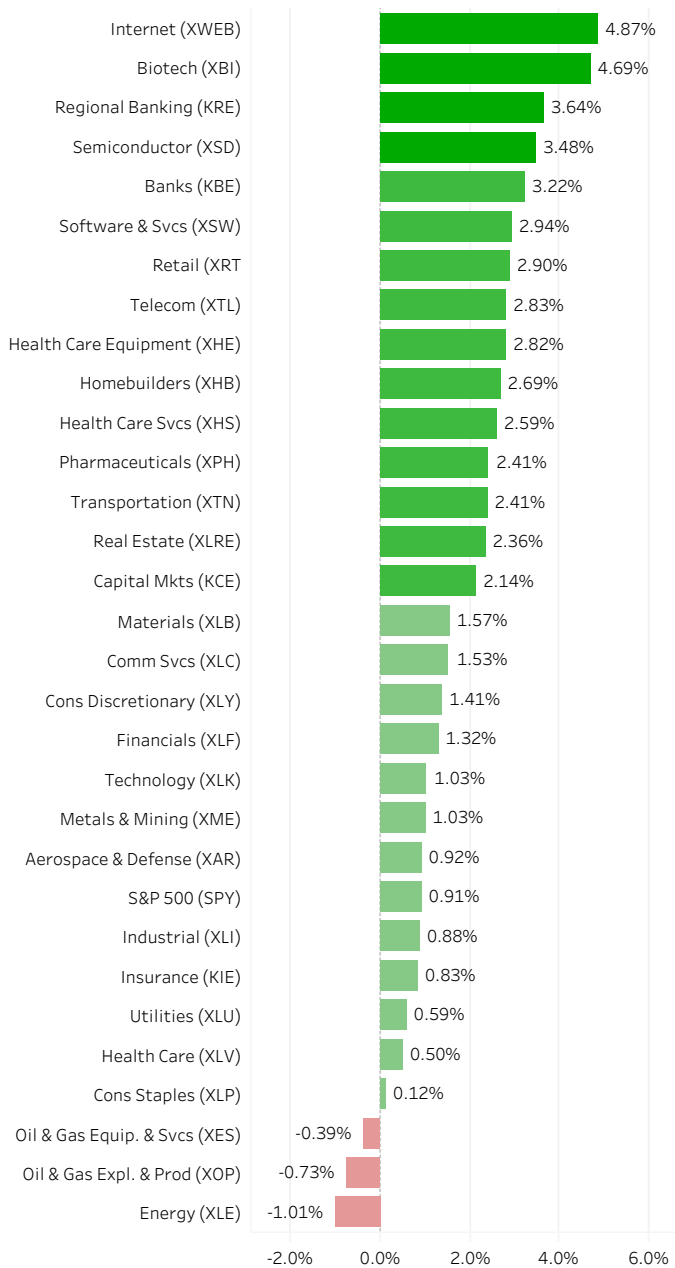
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
VOO	Vanguard S&P 500 ETF	\$1.75B	\$8.86B	\$26.01B	\$32.71B	\$329.73B
QQQ	Invesco QQQ Trust Series I	\$1.63B	\$3.11B	\$6.72B	\$5.80B	\$203.08B
IWM	iShares Russell 2000 ETF	\$0.99B	\$0.57B	\$3.49B	\$0.95B	\$49.97B
QUAL	iShares MSCI USA Quality Factor ETF	\$0.81B	\$2.21B	\$1.92B	\$10.45B	\$32.47B
DIA	SPDR Dow Jones Industrial Average ETF Trust	\$0.62B	(\$1.45B)	\$0.01B	(\$2.07B)	\$28.18B
IWF	iShares Russell 1000 Growth ETF	\$0.49B	\$2.21B	\$1.64B	(\$0.41B)	\$71.32B
SUSA	iShares MSCI USA ESG Select ETF	\$0.43B	\$1.17B	\$1.56B	\$1.34B	\$4.82B
IVV	iShares Core S&P 500 ETF	\$0.39B	\$15.96B	\$29.45B	\$24.02B	\$351.69B
VTI	Vanguard Total Stock Market ETF	\$0.37B	\$5.61B	\$12.00B	\$21.26B	\$306.96B
VONG	Vanguard Russell 1000 Growth ETF	\$0.35B	\$1.54B	\$1.82B	\$3.64B	\$14.50B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
VTV	Vanguard Value ETF	(\$0.55B)	(\$0.42B)	(\$3.33B)	(\$4.75B)	\$96.59B
QQQM	Invesco NASDAQ 100 ETF	(\$0.47B)	\$0.69B	\$3.95B	\$7.10B	\$14.58B
RSP	Invesco S&P 500 Equal Weight ETF	(\$0.38B)	(\$1.05B)	\$7.15B	\$8.43B	\$38.95B
USMV	iShares MSCI USA Min Vol Factor ETF	(\$0.36B)	(\$0.98B)	(\$1.70B)	(\$3.38B)	\$26.95B
PKW	Invesco Buyback Achievers ETF	(\$0.26B)	\$0.54B	\$0.52B	(\$0.08B)	\$1.45B
ITOT	iShares Core S&P Total U.S. Stock Market ETF	(\$0.11B)	\$0.50B	\$0.72B	\$0.68B	\$43.67B
XMMO	Invesco S&P MidCap Momentum ETF	(\$0.09B)	(\$0.08B)	(\$0.09B)	(\$0.02B)	\$1.00B
FVD	First Trust Value Line Dividend Index Fund	(\$0.09B)	(\$0.82B)	(\$1.02B)	(\$1.25B)	\$10.44B
GSLC	Goldman Sachs ActiveBeta U.S. Large Cap Eq..	(\$0.08B)	(\$0.42B)	(\$0.65B)	(\$1.61B)	\$10.56B
VUG	Vanguard Growth ETF	(\$0.07B)	\$1.75B	\$1.32B	\$4.15B	\$91.62B

* 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	-1.82%	44.73%	1.42%	8.58%	56.49
XLK	Technology Select Sector SPDR Fund	-4.72%	41.74%	2.07%	7.62%	61.63
SPY	SPDR S&P 500 ETF Trust	-5.05%	15.41%	0.18%	2.38%	58.17
XLE	Energy Select Sector SPDR Fund	-7.16%	13.17%	-2.96%	2.21%	45.27
XLB	Materials Select Sector SPDR Fund	-8.08%	5.82%	-0.28%	-1.90%	58.01
XLI	Industrial Select Sector SPDR Fund	-8.26%	5.35%	-0.98%	-1.08%	54.87
XLF	Financial Select Sector SPDR Fund	-8.70%	9.04%	0.82%	0.36%	60.29
XLV	Health Care Select Sector SPDR Fund	-9.06%	3.47%	-1.98%	-2.77%	48.02
XLY	Consumer Discretionary Select Sector SPDR Fund	-9.46%	26.90%	-1.17%	1.92%	55.94
XLP	Consumer Staples Select Sector SPDR Fund	-11.29%	3.82%	-0.99%	-5.83%	54.52
XLU	Utilities Select Sector SPDR Fund	-14.88%	10.09%	1.69%	-5.14%	61.26
XLRE	Real Estate Select Sector SPDR Fund	-16.07%	9.07%	1.04%	-4.62%	60.74

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	
XBI	SPDR S&P BIOTECH ETF	4.69%
KRE	SPDR S&P Regional Banking ETF	3.64%
XSD	SPDR S&P Semiconductor ETF	3.48%
FXD	First Trust Consumer Discretionary AlphaDEX Fund	3.46%
QABA	First Trust NASDAQ ABA Community Bank Index F..	3.43%
PSCH	Invesco S&P SmallCap Health Care ETF	3.40%
IAT	iShares U.S. Regional Banks ETF	3.39%
PEJ	Invesco Leisure and Entertainment ETF	3.27%
FBT	First Trust NYSE Arca Biotechnology Index Fund	3.24%
ITB	iShares U.S. Home Construction ETF	3.23%

Sector & Industry Most Overbought

Ticker	Fund	
AML	Alerian MLP ETF	68.11
ITA	iShares U.S. Aerospace & Defense ETF	68.06
XAR	SPDR S&P Aerospace & Defense ETF	67.39
PKB	Invesco Building & Construction ETF	67.11
MLPA	Global X MLP ETF	66.55
ITB	iShares U.S. Home Construction ETF	65.84
MLPX	Global X MLP & Energy Infrastructure ETF	65.46
QABA	First Trust NASDAQ ABA Community Bank Index Fund	65.31
KRE	SPDR S&P Regional Banking ETF	64.22
PPA	Invesco Aerospace & Defense ETF	64.10

Sector & Industry 1 Day Performance Laggards

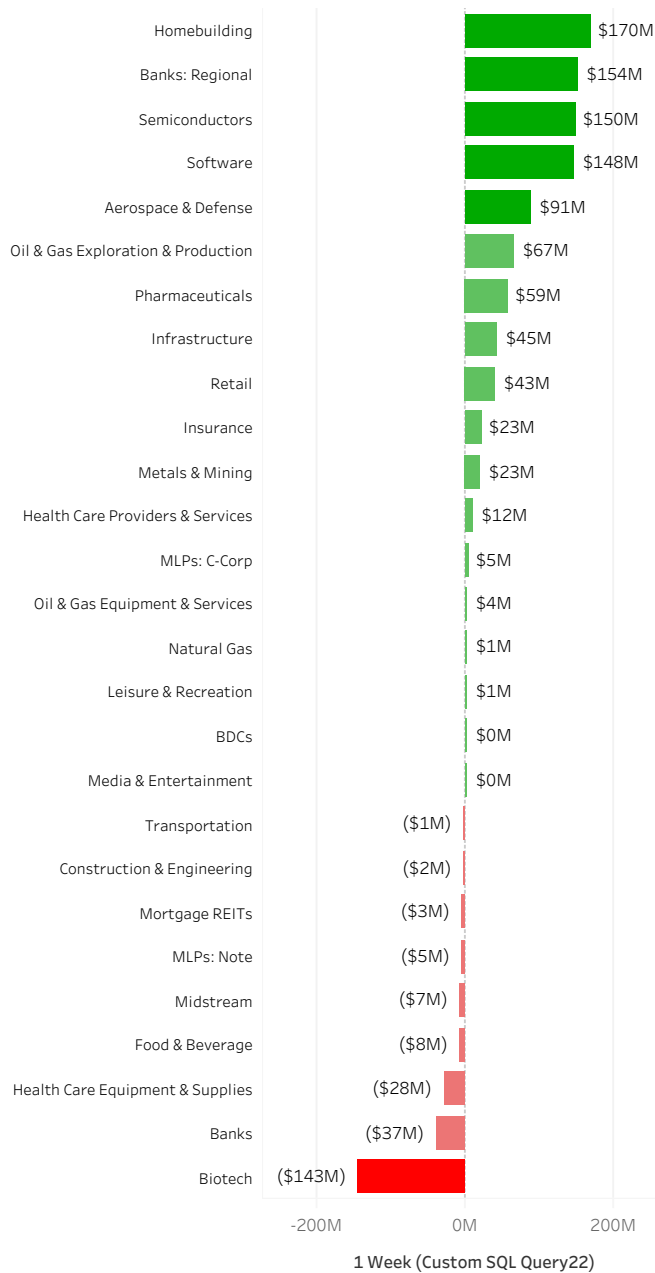
Ticker	Fund	
IEO	iShares U.S. Oil & Gas Exploration & Production ETF	-1.10%
XLE	Energy Select Sector SPDR Fund	-1.01%
FTXN	First Trust Nasdaq Oil & Gas ETF	-1.00%
FENY	Fidelity MSCI Energy Index ETF	-0.99%
IYE	iShares U.S. Energy ETF	-0.91%
VDE	Vanguard Energy ETF	-0.90%
PXE	Invesco Energy Exploration & Production ETF	-0.75%
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	-0.73%
RSPG	Invesco S&P 500 Equal Weight Energy ETF	-0.68%
PXI	Invesco Dorsey Wright Energy Momentum ETF	-0.52%

Sector & Industry Most Oversold

Ticker	Fund	
IHE	iShares U.S. Pharmaceuticals ETF	43.72
XES	SPDR S&P Oil & Gas Equipment & Services ETF	45.23
XLE	Energy Select Sector SPDR Fund	45.27
FXH	First Trust Health Care AlphaDEX Fund	46.01
IYE	iShares U.S. Energy ETF	46.04
VDE	Vanguard Energy ETF	46.44
FENY	Fidelity MSCI Energy Index ETF	46.53
XPH	SPDR S&P Pharmaceuticals ETF	46.60
IYH	iShares U.S. Healthcare ETF	46.99
PSCE	Invesco S&P SmallCap Energy ETF	47.51

ETF Landscape represented using the ETF Action classification systemLeaders/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	\$18B	(\$132M)	(\$623M)	\$1,051M	\$2,240M
Consumer Discretionary	12	\$24B	(\$86M)	(\$343M)	\$901M	\$1,073M
Consumer Staples	10	\$26B	\$65M	(\$2,394M)	(\$2,785M)	(\$319M)
Energy	31	\$75B	(\$219M)	\$3,289M	\$74M	(\$7,192M)
Financials	26	\$51B	(\$535M)	(\$7,184M)	(\$4,559M)	(\$4,294M)
Health Care	23	\$80B	(\$823M)	(\$3,662M)	(\$4,988M)	(\$7,307M)
Industrial	13	\$32B	(\$141M)	(\$1,115M)	\$746M	\$2,144M
Materials	9	\$11B	(\$135M)	(\$1,499M)	(\$2,314M)	(\$1,803M)
Multi-Sector	18	\$17B	\$76M	(\$530M)	\$1,981M	\$1,786M
Real Estate	25	\$51B	\$34M	(\$571M)	(\$113M)	(\$2,925M)
Technology	23	\$148B	\$167M	\$1,944M	\$1,811M	\$1,511M
Utilities	9	\$21B	\$39M	(\$1,155M)	(\$1,678M)	(\$1,461M)

U.S. Sector & Industry Flow Leaders

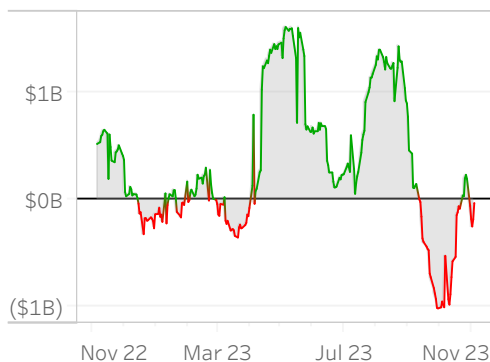
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
SOXX	iShares Semiconductor ETF	\$164M	\$352M	\$264M	\$498M	\$8,483M
KRE	SPDR S&P Regional Banking ETF	\$161M	(\$261M)	(\$553M)	\$227M	\$2,543M
IGV	iShares Expanded Tech-Software Sector ETF	\$141M	(\$360M)	\$159M	(\$183M)	\$6,106M
XHB	SPDR S&P Homebuilders ETF	\$104M	(\$23M)	\$277M	\$233M	\$1,278M
IYR	iShares U.S. Real Estate ETF	\$104M	\$10M	(\$69M)	(\$546M)	\$2,602M
XLU	Utilities Select Sector SPDR Fund	\$104M	(\$364M)	(\$859M)	(\$359M)	\$13,833M
XLP	Consumer Staples Select Sector SPDR Fund	\$75M	(\$539M)	(\$767M)	\$902M	\$16,084M
XOP	SPDR S&P Oil & Gas Exploration & Production E..	\$67M	(\$29M)	(\$212M)	(\$1,103M)	\$3,823M
ITB	iShares U.S. Home Construction ETF	\$66M	(\$243M)	(\$64M)	\$166M	\$1,873M
IHE	iShares U.S. Pharmaceuticals ETF	\$59M	\$196M	\$178M	\$151M	\$545M

U.S. Sector & Industry Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLV	Health Care Select Sector SPDR Fund	(\$708M)	(\$1,998M)	(\$2,244M)	(\$2,249M)	\$36,251M
XLF	Financial Select Sector SPDR Fund	(\$555M)	(\$5,248M)	(\$2,570M)	(\$1,863M)	\$28,579M
XLE	Energy Select Sector SPDR Fund	(\$291M)	\$2,535M	\$438M	(\$2,034M)	\$39,096M
XLK	Technology Select Sector SPDR Fund	(\$189M)	(\$197M)	\$23M	(\$1,752M)	\$48,992M
XLI	Industrial Select Sector SPDR Fund	(\$145M)	(\$643M)	\$738M	\$357M	\$14,070M
FDN	First Trust Dow Jones Internet Index Fund	(\$139M)	(\$687M)	\$553M	(\$44M)	\$4,756M
XLB	Materials Select Sector SPDR Fund	(\$129M)	(\$717M)	(\$361M)	(\$142M)	\$5,246M
XLC	Communication Services Select Sector SPDR Fu..	(\$113M)	(\$485M)	\$932M	\$2,093M	\$13,643M
XBI	SPDR S&P BIOTECH ETF	(\$94M)	(\$30M)	(\$267M)	(\$1,160M)	\$5,202M
VFH	Vanguard Financials ETF	(\$91M)	(\$973M)	(\$296M)	(\$990M)	\$7,455M

* 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



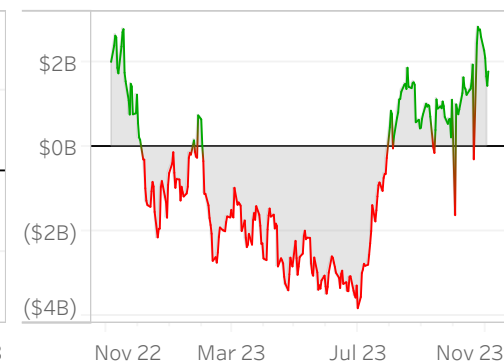
Consumer Discretionary



Consumer Staples



Energy



Financials



Industrial



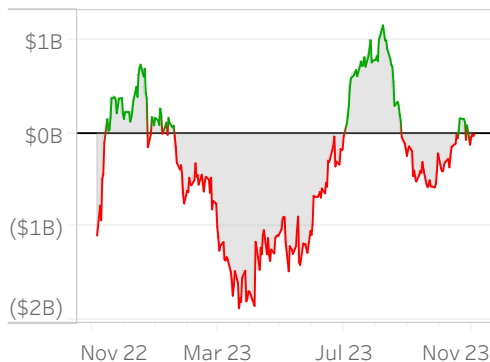
Health Care



Materials



Real Estate



Technology



Utilities

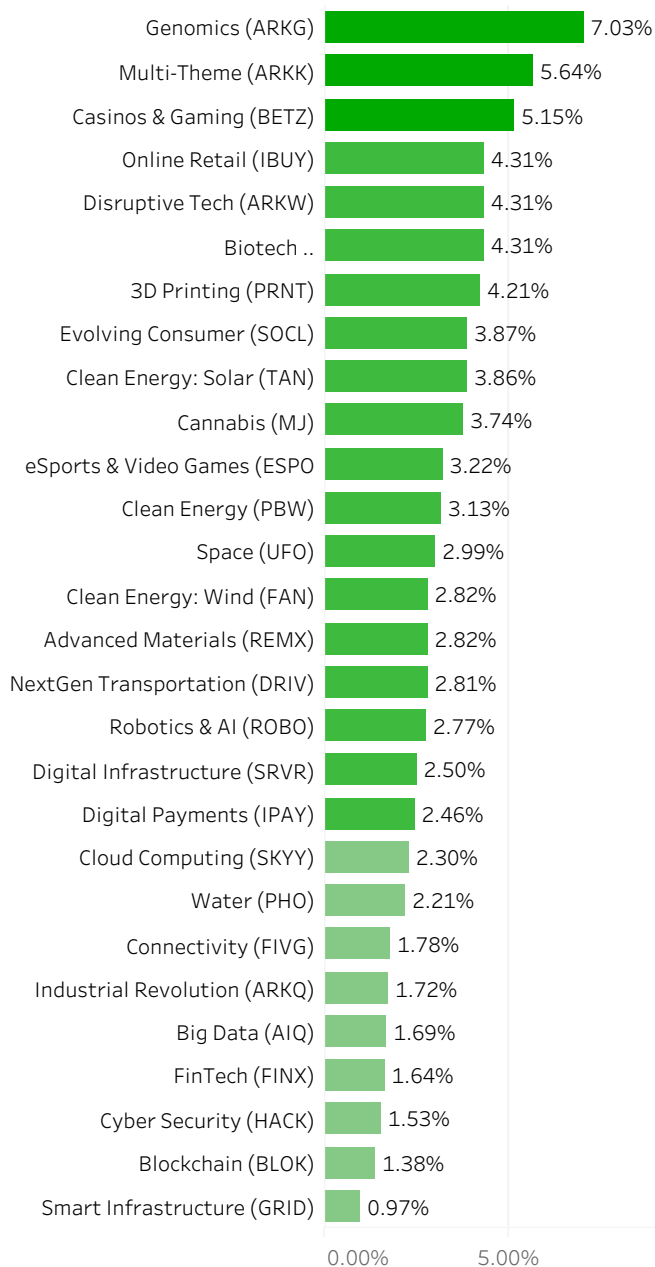


Multi-Sector

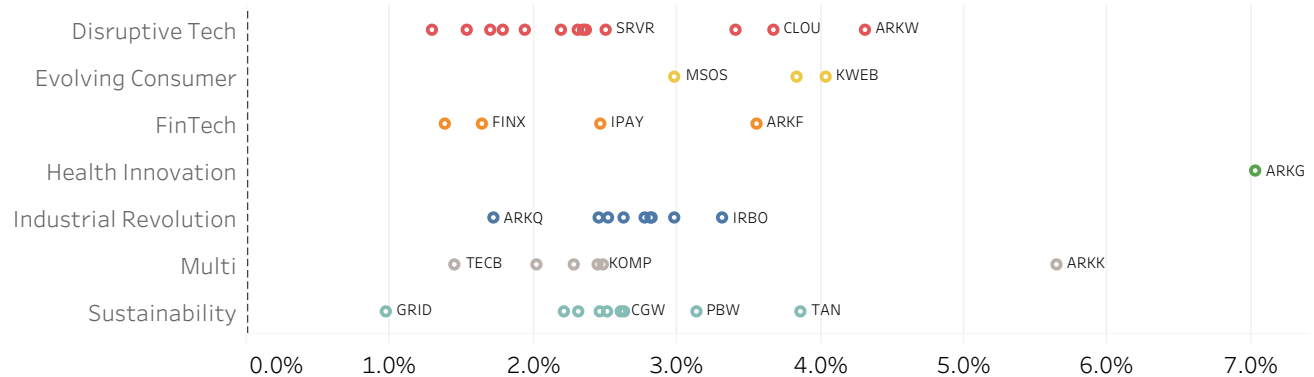


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Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	Performance
ARKG	ARK Genomic Revolution ETF	7.03%
GNOM	Global X Genomics & Biotechnology ETF	6.18%
ARKK	ARK Innovation ETF	5.64%
BETZ	Roundhill Sports Betting & iGaming ETF	5.15%
EBIZ	Global X E-Commerce ETF	5.00%
EDOC	Global X Telemedicine & Digital Health ETF Registered	4.72%
IDNA	iShares Genomics Immunology and Healthcare ETF	4.56%
IBUY	Amplify Online Retail ETF	4.31%
ARKW	ARK Next Generation Internet ETF	4.31%
SBIO	ALPS Medical Breakthroughs ETF	4.31%

Thematic Most Overbought

Ticker	Fund	Value
BLOK	Amplify Transformational Data Sharing ETF	66.67
HERO	Global X Video Games & Esports ETF	64.16
ARKW	ARK Next Generation Internet ETF	64.10
BITQ	Bitwise Crypto Industry Innovators ETF	64.05
DAPP	VanEck Digital Transformation ETF	63.82
CGW	Invesco S&P Global Water Index ETF	63.71
SRVR	Pacer Data & Infrastructure Real Estate ETF	63.67
NXTG	First Trust Indxx NextG ETF	62.79
ESPO	VanEck Video Gaming and eSports ETF	62.59
BKCH	Global X Blockchain ETF	62.22

Global Thematic 1-Day Performance Laggards

Ticker	Fund	Performance
BITQ	Bitwise Crypto Industry Innovators ETF	0.27%
SAMT	Strategas Macro Thematic Opportunities ETF	0.45%
AGNG	Global X Aging Population ETF	0.81%
BKCH	Global X Blockchain ETF	0.84%
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastruct..	0.97%
CIBR	First Trust NASDAQ Cybersecurity ETF	1.29%
DAPP	VanEck Digital Transformation ETF	1.31%
LEGR	First Trust Indxx Innovative Transaction & Process ETF	1.32%
ARKX	ARK Space Exploration & Innovation ETF	1.36%
BLOK	Amplify Transformational Data Sharing ETF	1.38%

Thematic Most Oversold

Ticker	Fund	Value
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	40.83
MSOS	AdvisorShares Pure US Cannabis ETF	41.66
LIT	Global X Lithium & Battery Tech ETF	41.75
REMX	VanEck Rare Earth/Strategic Metals ETF	43.36
MJUS	ETFMG U.S. Alternative Harvest ETF	43.41
PBW	Invesco WilderHill Clean Energy ETF	43.92
TAN	Invesco Solar ETF	43.93
KARS	KraneShares Electric Vehicles & Future Mobility Index ETF	44.54
CTEC	Global X CleanTech ETF	44.78
BATT	Amplify Lithium & Battery Technology ETF	45.41

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Thematic 1 Week Flow Leaders

Ticker	Fund	
ARKK	ARK Innovation ETF	\$183M
REMX	VanEck Rare Earth/Strategic Metals ETF	\$14M
KWEB	KraneShares CSI China Internet ETF	\$10M
CIBR	First Trust NASDAQ Cybersecurity ETF	\$7M
ARKG	ARK Genomic Revolution ETF	\$7M
TARK	AXS 2X Innovation ETF	\$4M
EBIZ	Global X E-Commerce ETF	\$3M
FMIL	Fidelity New Millennium ETF	\$2M
GCLN	Goldman Sachs Bloomberg Clean Energy Equity ETF	\$2M
ONLN	ProShares Online Retail ETF	\$1M

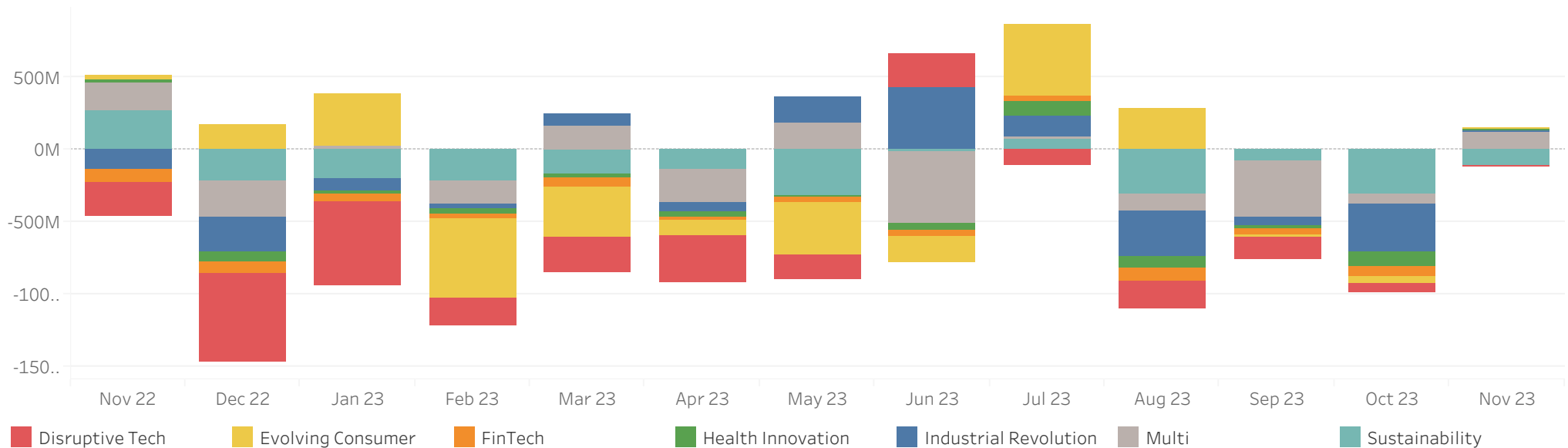
Thematic 1 Week Flow Laggards

Ticker	Fund	
ICLN	iShares Global Clean Energy ETF	(\$80M)
GNOM	Global X Genomics & Biotechnology ETF	(\$76M)
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure Index	(\$35M)
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	(\$34M)
TAN	Invesco Solar ETF	(\$20M)
BOTZ	Global X Robotics & Artificial Intelligence ETF	(\$20M)
PBW	Invesco WilderHill Clean Energy ETF	(\$19M)
IBUY	Amplify Online Retail ETF	(\$14M)
DRIV	Global X Autonomous & Electric Vehicles ETF	(\$14M)
GTEK	Goldman Sachs Future Tech Leaders Equity ETF	(\$12M)

Thematic Landscape Assets & Flows

Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	34	\$15B	(\$7M)	(\$414M)	(\$368M)	(\$2,639M)
Evolving Consumer	39	\$8B	(\$2M)	(\$126M)	\$410M	(\$272M)
FinTech	17	\$2B	\$0M	(\$203M)	(\$214M)	(\$562M)
Health Innovation	18	\$2B	\$8M	(\$194M)	(\$144M)	(\$356M)
Industrial Revolution	30	\$9B	(\$6M)	(\$573M)	\$132M	(\$391M)
Multi	36	\$13B	\$180M	(\$228M)	(\$745M)	(\$1,045M)
Sustainability	40	\$12B	(\$158M)	(\$788M)	(\$987M)	(\$1,766M)
Grand Total	214	\$61B	\$15M	(\$2,525M)	(\$1,915M)	(\$7,031M)

Thematic Monthly Flows

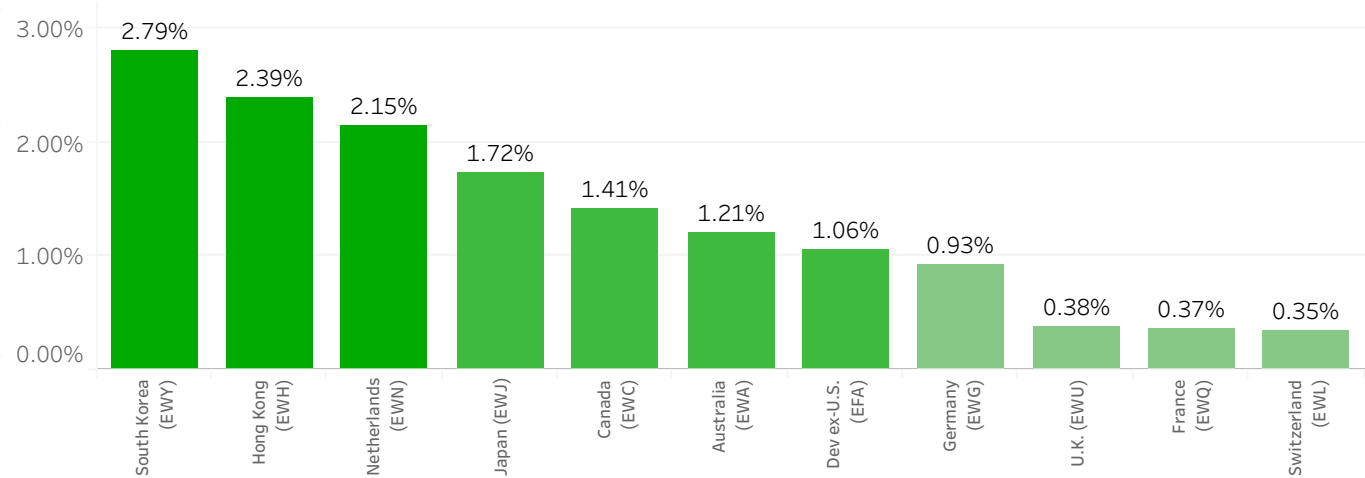


* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

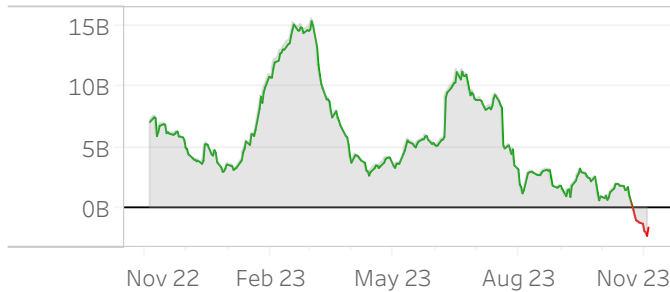
Developed ex-U.S. (EFA)



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



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



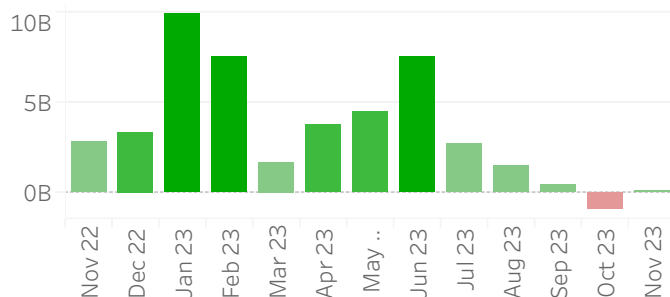
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
EWS	iShares MSCI Singapore ETF	3.04%
EWD	iShares MSCI Sweden ETF	2.83%
EWY	iShares MSCI South Korea ETF	2.79%
FLKR	Franklin FTSE South Korea ETF	2.62%
AIA	iShares Asia 50 ETF	2.57%
EWH	iShares MSCI Hong Kong ETF	2.39%
MINV	Matthews Asia Innovators Active ETF	2.34%
EIRL	iShares MSCI Ireland ETF	2.33%
AAXJ	iShares MSCI All Country Asia ex Japan ETF	2.31%
EWO	iShares MSCI Austria ETF	2.25%

Developed ex-U.S. Most Overbought

Ticker	Fund	Price
HEWJ	iShares Currency Hedged MSCI Japan ETF	67.48
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	67.26
IDLV	Invesco S&P International Developed Low Volatility ETF	66.73
BBJP	JPMorgan BetaBuilders Japan ETF	66.02
FLJP	Franklin FTSE Japan ETF	65.92
DXJ	WisdomTree Japan Hedged Equity Fund	65.83
EWO	iShares MSCI Austria ETF	65.73
EWJ	iShares MSCI Japan ETF	65.72
DXJS	WisdomTree Japan Hedged SmallCap Equity Fund	65.59
DFJ	WisdomTree Japan SmallCap Dividend Fund	65.17

Developed ex-U.S. Monthly Flows



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

Ticker	Fund	1-Day Performance
DBEU	Xtrackers MSCI Europe Hedged Equity ETF	-0.57%
EDEN	iShares MSCI Denmark ETF	-0.09%
DDWM	WisdomTree Dynamic Currency Hedged International Equi..	-0.01%
IHDG	WisdomTree International Hedged Quality Dividend Grow..	0.00%
ICOW	Pacer Developed Markets International Cash Cows 100 ETF	0.03%
IDHQ	Invesco S&P International Developed High Quality ETF	0.06%
HEZU	iShares Currency Hedged MSCI Eurozone ETF	0.09%
FICS	First Trust International Developed Capital Strength ETF	0.20%
HEFA	iShares Currency Hedged MSCI EAFE ETF	0.20%
DBEF	Xtrackers MSCI EAFE Hedged Equity ETF	0.20%

Developed ex-U.S. Most Oversold

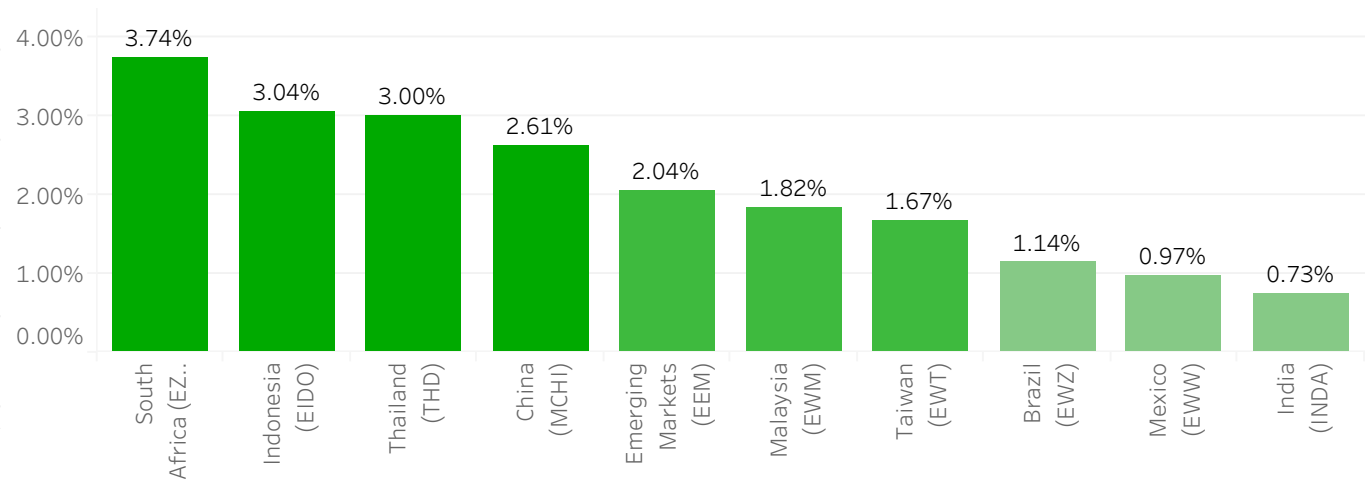
Ticker	Fund	Price
NORW	Global X MSCI Norway ETF	49.93
PTIN	Pacer Trendpilot International ETF	50.09
EWL	iShares MSCI Switzerland ETF	50.87
EWU	iShares MSCI United Kingdom ETF	52.26
FLGB	Franklin FTSE United Kingdom ETF	53.03
DBEU	Xtrackers MSCI Europe Hedged Equity ETF	53.14
EDEN	iShares MSCI Denmark ETF	53.59
EIS	iShares MSCI Israel ETF	53.98
ICOW	Pacer Developed Markets International Cash Cows 1..	54.49
IVAL	Alpha Architect International Quantitative Value ETF	55.09

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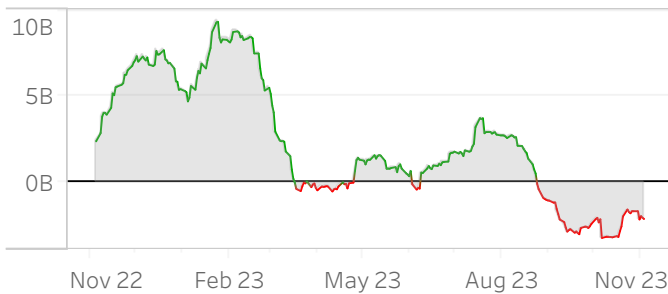
Emerging (EEM)



Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



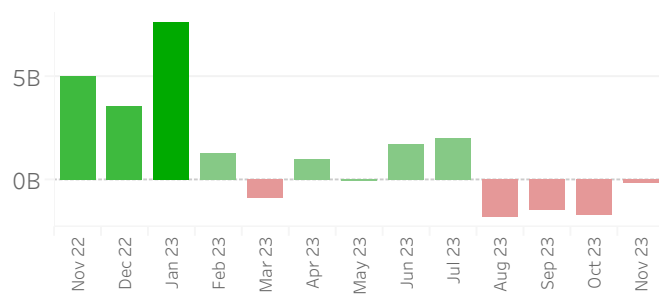
Emerging 1-Day Performance Leaders

Ticker	Fund	Performance
ECH	iShares MSCI Chile ETF	4.54%
EZA	iShares MSCI South Africa ETF	3.74%
EIDO	iShares MSCI Indonesia ETF	3.04%
THD	iShares MSCI Thailand ETF	3.00%
PGJ	Invesco Golden Dragon China ETF	2.79%
GXC	SPDR S&P China ETF	2.78%
FLN	First Trust Latin America AlphaDEX Fund	2.68%
MCHI	iShares MSCI China ETF	2.61%
FLCH	Franklin FTSE China ETF	2.59%
EWZS	iShares MSCI Brazil Small-Cap ETF	2.52%

Emerging Most Overbought

Ticker	Fund	Value
EPOL	iShares MSCI Poland ETF	70.23
EZA	iShares MSCI South Africa ETF	68.21
EWZ	iShares MSCI Mexico ETF	66.72
ILF	iShares Latin America 40 ETF	66.66
EWM	iShares MSCI Malaysia ETF	66.64
FLN	First Trust Latin America AlphaDEX Fund	65.06
FRDM	Freedom 100 Emerging Markets ETF	64.45
FLLA	Franklin FTSE Latin America ETF	64.43
EELV	Invesco S&P Emerging Markets Low Volatility ETF	63.86
DVYE	iShares Emerging Markets Dividend ETF	63.77

Emerging Monthly Flows



Emerging 1-Day Performance Laggards

Ticker	Fund	Performance
QAT	iShares MSCI Qatar ETF	0.18%
PIN	Invesco India ETF	0.35%
EPU	iShares MSCI Peru and Global Exposure ETF	0.41%
TUR	iShares MSCI Turkey ETF	0.69%
INDA	iShares MSCI India ETF	0.73%
INDY	iShares India 50 ETF	0.74%
FLIN	Franklin FTSE India ETF	0.75%
EPI	WisdomTree India Earnings Fund	0.80%
KSA	iShares MSCI Saudi Arabia ETF	0.90%
EWW	iShares MSCI Mexico ETF	0.97%

Emerging Most Oversold

Ticker	Fund	Value
TUR	iShares MSCI Turkey ETF	43.86
VNM	VanEck Vietnam ETF	44.71
RAYC	Rayliant Quantamental China Equity ETF	45.73
KBA	KraneShares Bosera MSCI China A 50 Connect Index ..	48.55
KWT	iShares MSCI Kuwait ETF	48.79
INDY	iShares India 50 ETF	49.76
PIN	Invesco India ETF	50.10
FM	iShares Frontier and Select EM ETF	50.69
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	50.77
EIDO	iShares MSCI Indonesia ETF	50.96

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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	0.61%	2.23%	-0.31%
SHY	1-3 Year Treasury Bonds	0.27%	1.02%	2.47%
IEF	7-10 Year Treasury Bonds	0.77%	2.25%	-2.02%
TLT	20+ Year Treasury Bonds	0.68%	3.37%	-9.49%
TIP	TIPS Bonds	0.51%	2.45%	0.43%
FLOT	Floating Rate Bonds	0.04%	0.46%	5.44%
LQD	Investment Grade Corporate	0.49%	2.76%	0.03%
HYG	High Yield Corporate	0.98%	3.68%	6.23%
BKLN	Senior Loan	0.19%	1.25%	9.84%
PFF	Preferred & Income Securities	1.59%	3.85%	3.76%
MUB	Municipal Bonds	0.69%	1.44%	-0.41%
MBB	MBS	1.11%	2.96%	-1.35%
EMB	Dollar Denominated EM Bonds	0.98%	4.39%	2.91%
LEMB	Local Currency EM Bond	1.20%	3.87%	2.07%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	-0.06%	2.27%	-3.68%
DBE	Energy	-1.71%	-3.41%	-1.19%
USO	WTI Crude Oil	-1.75%	-6.36%	6.76%
BNO	Brent Crude Oil	-1.66%	-4.82%	6.75%
UNG	Natural Gas	-0.41%	5.83%	-48.51%
UGA	Gasoline	-1.83%	-5.86%	4.47%
DBP	Precious Metals	0.50%	9.13%	5.75%
GLD	Gold	0.36%	9.24%	8.93%
SLV	Silver	1.68%	9.16%	-3.63%
PPLT	abrdn Physical Platin..	0.88%	6.69%	-13.48%
PALL	abrdn Physical Palla..	0.56%	-5.18%	-37.48%
DBB	Base Metals	0.49%	0.32%	-4.58%
CPER	Copper	-0.44%	2.01%	-1.04%
DBA	Agriculture	0.72%	4.82%	11.17%
CORN	Corn	1.64%	-0.84%	-17.16%
SOYB	Soybeans	1.75%	4.27%	-0.82%
WEAT	Wheat	1.05%	0.00%	-27.69%
CANE	Sugar	0.99%	6.37%	61.18%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	-0.94%	-1.27%	6.47%
UDN	Short Dollar	1.13%	2.19%	0.70%
FXE	Euro	1.03%	2.66%	1.54%
FXB	British Pound Sterling	1.43%	2.68%	4.87%
FXF	Swiss Franc	0.85%	2.53%	2.65%
FXJ	Japanese Yen	0.65%	-0.50%	-12.59%
FXC	Canadian Dollar	0.56%	0.72%	0.93%
FXA	Australian Dollar	1.20%	3.40%	-3.53%

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