

Large Cap Blend (S&P 500) IVV



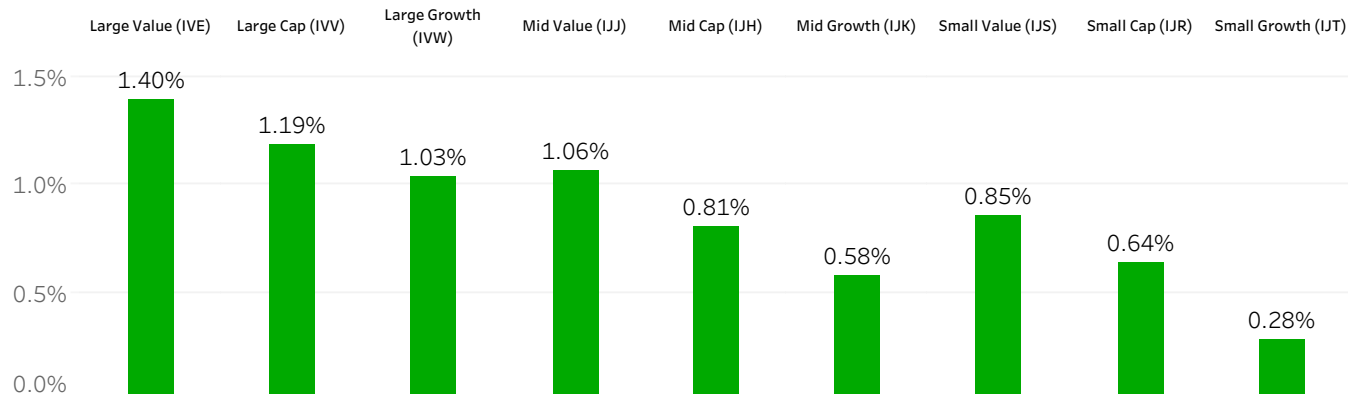
Mid Cap Blend (S&P 400) IJH



Small Cap Blend (S&P 600) IJR



U.S. Size & Style 1-Day Performance



Size & Style 1-Day Performance Leaders

Ticker	Fund	Performance (%)
DUSA	Davis Select U.S. Equity ETF	1.80%
SIXA	ETC 6 Meridian Mega Cap Equity ETF	1.71%
EDOW	First Trust Dow 30 Equal Weight ETF	1.68%
ACSI	American Customer Satisfaction ETF	1.65%
DJD	Invesco Dow Jones Industrial Average Dividend ETF	1.62%
DIA	SPDR Dow Jones Industrial Average ETF Trust	1.55%
IWY	iShares Russell Top 200 Growth ETF	1.53%
JUST	Goldman Sachs JUST U.S. Large Cap Equity ETF	1.50%
GSPY	Gotham Enhanced 500 ETF	1.50%
MGK	Vanguard Mega Cap Growth ETF	1.50%

Size & Style Most Overbought

Ticker	Fund	Price
SPC	CrossingBridge Pre-Merger SPAC ETF	57.26
DUSA	Davis Select U.S. Equity ETF	44.06
ACSI	American Customer Satisfaction ETF	43.03
DJD	Invesco Dow Jones Industrial Average Dividend ETF	42.71
SIXS	ETC 6 Meridian Small Cap Equity ETF	42.29
EDOW	First Trust Dow 30 Equal Weight ETF	41.77
VFMV	Vanguard U.S. Minimum Volatility ETF	41.71
AUSF	Global X Adaptive U.S. Factor ETF	41.66
WINN	Harbor Long-Term Growers ETF	41.56
IWY	iShares Russell Top 200 Growth ETF	41.41

Size & Style 1-Day Performance Laggards

Ticker	Fund	Performance (%)
TPHD	Timothy Plan High Dividend Stock ETF	-0.16%
FPX	First Trust US Equity Opportunities ETF	-0.08%
VOT	Vanguard Mid-Cap Growth ETF	-0.05%
PTMC	Pacer Trendpilot US Mid Cap ETF	-0.03%
SPC	CrossingBridge Pre-Merger SPAC ETF	-0.03%
JSMD	Janus Henderson Small/Mid Cap Growth Alpha ETF	0.00%
LSAT	Leadershires Alphafactor Tactical Focused ETF	0.03%
AIEQ	AI Powered Equity ETF	0.04%
RPG	Invesco S&P 500 Pure Growth ETF	0.10%
RZG	Invesco S&P Smallcap 600 Pure Growth ETF	0.11%

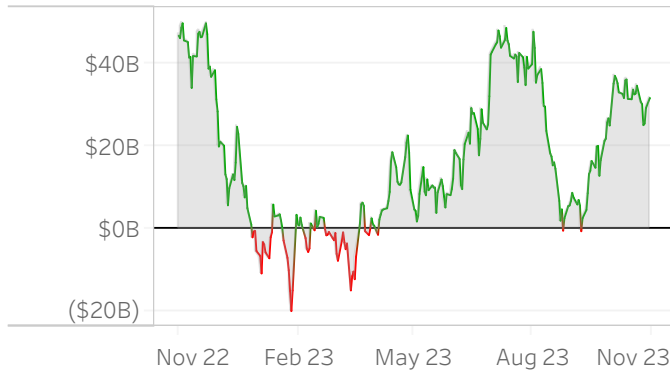
Size & Style Most Oversold

Ticker	Fund	Price
VOT	Vanguard Mid-Cap Growth ETF	26.99
SPHB	Invesco S&P 500 High Beta ETF	28.88
ALTL	Pacer Lunt Large Cap Alternator ETF	28.95
BIBL	Inspire 100 ETF	29.03
QQJQ	Invesco NASDAQ Next Gen 100 ETF	29.32
QQQN	VictoryShares Nasdaq Next 50 ETF	29.46
VTWG	Vanguard Russell 2000 Growth ETF	29.57
IWO	iShares Russell 2000 Growth ETF	29.98
NUMG	Nuveen ESG Mid-Cap Growth ETF	30.03
IMCG	iShares Morningstar Mid-Cap Growth ETF	30.42

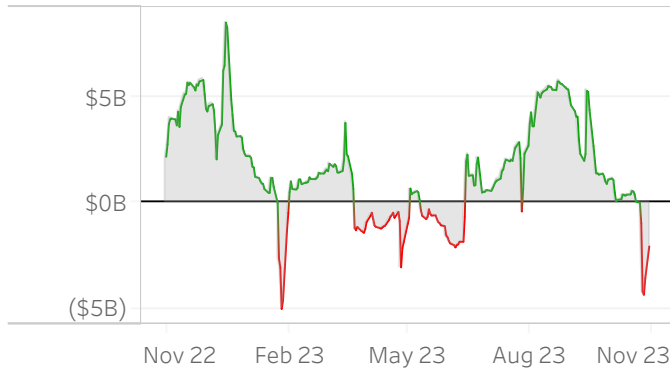
■ Closing Price ■ 50 Day Moving Average ■ 200 Day Moving Average

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

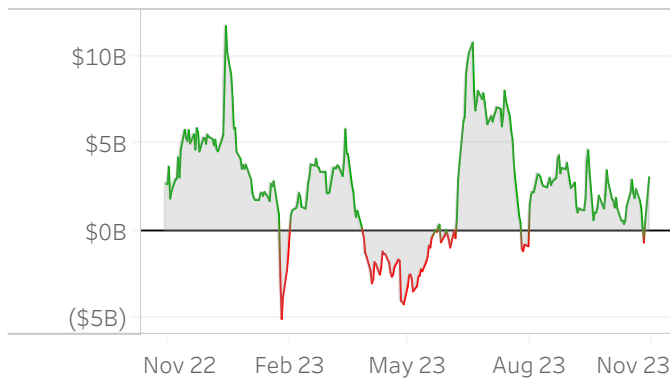
Large-Cap 30-Day Rolling Flows



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	\$1,371B	\$0.74B	\$23.30B	\$79.09B	\$66.50B
Large Cap, Beta, Beta: Growth	10	\$266B	\$0.61B	\$7.10B	\$8.45B	\$17.31B
Large Cap, Beta, Beta: Value	11	\$205B	(\$0.16B)	\$1.00B	(\$2.58B)	(\$7.91B)
Mid Cap, Beta, Beta	10	\$176B	(\$0.06B)	\$1.97B	\$5.31B	\$9.95B
Mid Cap, Beta, Beta: Growth	6	\$32B	(\$0.06B)	(\$0.34B)	\$0.48B	\$0.41B
Mid Cap, Beta, Beta: Value	6	\$34B	(\$0.04B)	(\$0.68B)	(\$1.72B)	(\$2.57B)
Small Cap, Beta, Beta	11	\$178B	\$1.09B	\$1.34B	\$7.12B	\$10.11B
Small Cap, Beta, Beta: Growth	7	\$29B	\$0.00B	\$0.08B	\$0.29B	\$0.64B
Small Cap, Beta, Beta: Value	7	\$43B	(\$0.06B)	(\$0.84B)	(\$1.32B)	(\$0.93B)

U.S. Size & Style Flow Leaders

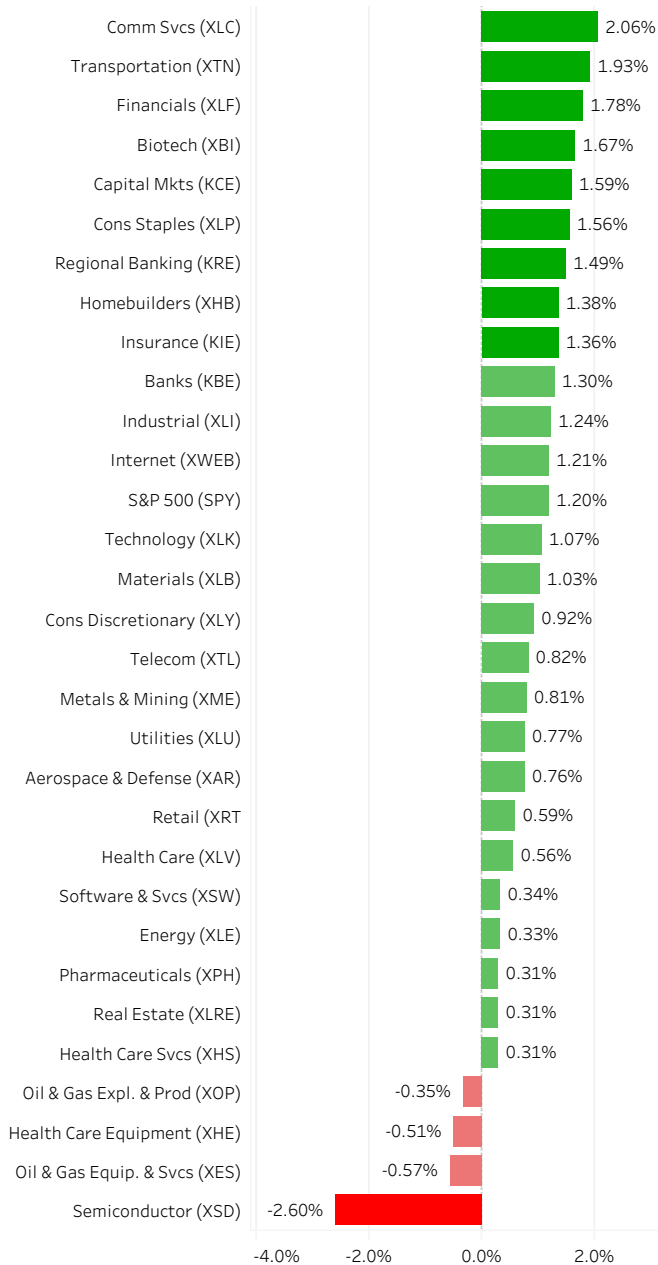
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
IWM	iShares Russell 2000 ETF	\$1.10B	(\$0.37B)	\$1.26B	(\$0.14B)	\$46.75B
IVV	iShares Core S&P 500 ETF	\$0.73B	\$16.44B	\$29.13B	\$23.90B	\$334.92B
SPY	SPDR S&P 500 ETF Trust	\$0.63B	(\$6.57B)	\$5.57B	(\$8.60B)	\$381.86B
SPLG	SPDR Portfolio S&P 500 ETF	\$0.43B	\$1.61B	\$2.86B	\$4.07B	\$19.41B
VOO	Vanguard S&P 500 ETF	\$0.38B	\$7.70B	\$24.89B	\$32.38B	\$312.66B
VUG	Vanguard Growth ETF	\$0.31B	\$1.93B	\$0.98B	\$4.23B	\$86.91B
IWF	iShares Russell 1000 Growth ETF	\$0.28B	\$1.66B	\$1.06B	(\$1.04B)	\$67.31B
RSP	Invesco S&P 500 Equal Weight ETF	\$0.24B	(\$0.26B)	\$7.57B	\$9.26B	\$37.75B
USMV	iShares MSCI USA Min Vol Factor ETF	\$0.23B	(\$0.69B)	(\$1.86B)	(\$2.83B)	\$26.35B
VTI	Vanguard Total Stock Market ETF	\$0.21B	\$5.74B	\$11.99B	\$19.40B	\$292.32B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
QQQ	Invesco QQQ Trust Series I	(\$1.67B)	(\$0.41B)	\$8.49B	\$4.22B	\$191.43B
VTV	Vanguard Value ETF	(\$0.39B)	\$0.22B	(\$2.82B)	(\$4.34B)	\$93.21B
SUSA	iShares MSCI USA ESG Select ETF	(\$0.27B)	\$0.73B	\$1.13B	\$0.91B	\$4.19B
ESGU	iShares ESG Aware MSCI USA ETF	(\$0.19B)	(\$0.53B)	(\$2.14B)	(\$9.58B)	\$11.43B
DIA	SPDR Dow Jones Industrial Average ETF Trust	(\$0.18B)	(\$2.11B)	(\$0.82B)	(\$2.58B)	\$26.40B
IVW	iShares S&P 500 Growth ETF	(\$0.14B)	\$0.02B	\$1.55B	\$1.72B	\$32.42B
GSLC	Goldman Sachs ActiveBeta U.S. Large Cap Eq..	(\$0.12B)	(\$0.32B)	(\$0.61B)	(\$1.54B)	\$10.16B
LSAT	Leadershares Alphafactor Tactical Focused E..	(\$0.12B)	(\$0.01B)	\$0.00B	\$0.02B	\$0.19B
MDY	SPDR S&P Midcap 400 ETF Trust	(\$0.12B)	(\$0.12B)	(\$0.57B)	(\$0.25B)	\$17.02B
IJH	iShares Core S&P Mid-Cap ETF	(\$0.08B)	\$0.74B	\$3.62B	\$6.34B	\$64.96B

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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	-6.42%	37.94%	-3.29%	3.87%	41.27
SPY	SPDR S&P 500 ETF Trust	-9.22%	10.34%	-4.45%	-2.01%	36.67
XLK	Technology Select Sector SPDR Fund	-9.66%	34.39%	-3.24%	2.46%	41.94
XLE	Energy Select Sector SPDR Fund	-9.75%	10.86%	-5.04%	0.00%	35.83
XLV	Health Care Select Sector SPDR Fund	-11.61%	0.56%	-5.16%	-5.61%	29.21
XLB	Materials Select Sector SPDR Fund	-11.67%	1.69%	-4.52%	-5.87%	41.44
XLI	Industrial Select Sector SPDR Fund	-11.84%	1.24%	-5.32%	-4.95%	36.96
XLP	Consumer Staples Select Sector SPDR Fund	-12.75%	2.11%	-3.06%	-7.50%	45.69
XLF	Financial Select Sector SPDR Fund	-13.49%	3.32%	-4.65%	-5.07%	38.29
XLY	Consumer Discretionary Select Sector SPDR Fund	-14.70%	19.56%	-7.27%	-3.82%	36.60
XLU	Utilities Select Sector SPDR Fund	-18.56%	5.32%	-3.04%	-9.48%	47.84
XLRE	Real Estate Select Sector SPDR Fund	-22.42%	0.81%	-7.13%	-12.13%	37.50

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
IYT	iShares US Transportation ETF	2.46%
PNQI	Invesco NASDAQ Internet ETF	2.16%
FCOM	Fidelity MSCI Communication Services Index ETF	2.10%
XLC	Communication Services Select Sector SPDR Fund	2.06%
VOX	Vanguard Communication Services ETF	2.02%
IYZ	iShares U.S. Telecommunications ETF	2.01%
KBWB	Invesco KBW Bank ETF	1.96%
XTN	SPDR S&P Transportation ETF	1.93%
IAK	iShares U.S. Insurance ETF	1.84%
KBWP	Invesco KBW Property & Casualty Insurance ETF	1.81%

Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
KBWP	Invesco KBW Property & Casualty Insurance ETF	52.91
IAK	iShares U.S. Insurance ETF	50.39
XLU	Utilities Select Sector SPDR Fund	47.84
IDU	iShares U.S. Utilities ETF	47.72
ITA	iShares U.S. Aerospace & Defense ETF	47.66
RSPU	Invesco S&P 500 Equal Weight Utilities ETF	47.01
FUTY	Fidelity MSCI Utilities Index ETF	46.70
VPU	Vanguard Utilities ETF	46.51
KIE	SPDR S&P Insurance ETF	46.47
XME	SPDR S&P Metals & Mining ETF	45.88

Sector & Industry 1 Day Performance Laggards

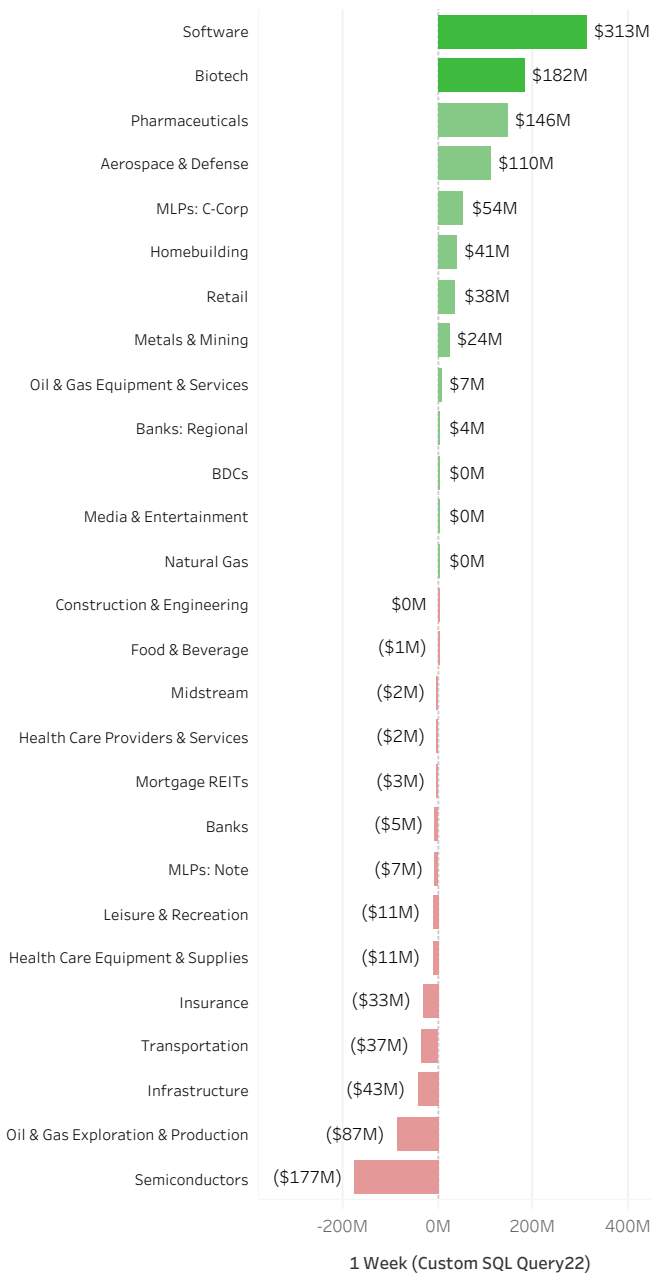
Ticker	Fund	1 Day Performance
XSD	SPDR S&P Semiconductor ETF	-2.60%
PSI	Invesco Semiconductors ETF	-2.07%
FTXL	First Trust Nasdaq Semiconductor ETF	-1.47%
SOXX	iShares Semiconductor ETF	-1.34%
SOXQ	Invesco PHLX Semiconductor ETF	-1.30%
PSCE	Invesco S&P SmallCap Energy ETF	-0.98%
PSCT	Invesco S&P SmallCap Information Technology ETF	-0.82%
FCG	First Trust Natural Gas ETF	-0.81%
PTF	Invesco Dorsey Wright Technology Momentum ETF	-0.69%
PXJ	Invesco Oil & Gas Services ETF	-0.64%

Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
RSPH	Invesco S&P 500 Equal Weight Health Care ETF	19.75
XPH	SPDR S&P Pharmaceuticals ETF	22.81
XHE	SPDR S&P Health Care Equipment ETF	23.57
FXH	First Trust Health Care AlphaDEX Fund	23.90
FBT	First Trust NYSE Arca Biotechnology Index Fund	24.85
PSCT	Invesco S&P SmallCap Information Technology ETF	25.34
XSD	SPDR S&P Semiconductor ETF	25.44
KBWD	Invesco KBW High Dividend Yield Financial ETF	25.52
IBB	iShares Biotechnology ETF	27.44
PSI	Invesco Semiconductors ETF	27.67

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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	\$17B	(\$371M)	(\$334M)	\$1,359M	\$2,620M
Consumer Discretionary	12	\$23B	(\$565M)	(\$336M)	\$909M	\$1,132M
Consumer Staples	10	\$25B	(\$224M)	(\$2,406M)	(\$2,566M)	(\$48M)
Energy	31	\$73B	(\$77M)	\$2,945M	(\$196M)	(\$6,761M)
Financials	26	\$48B	(\$1,146M)	(\$7,166M)	(\$5,076M)	(\$3,745M)
Health Care	23	\$78B	\$60M	(\$2,690M)	(\$3,586M)	(\$5,518M)
Industrial	13	\$31B	(\$298M)	(\$1,004M)	\$909M	\$2,533M
Materials	9	\$11B	(\$264M)	(\$1,659M)	(\$2,390M)	(\$1,809M)
Multi-Sector	18	\$16B	(\$307M)	(\$750M)	\$1,974M	\$1,578M
Real Estate	25	\$48B	(\$327M)	(\$630M)	(\$258M)	(\$2,899M)
Technology	23	\$141B	(\$81M)	\$2,030M	\$1,748M	\$589M
Utilities	9	\$20B	(\$327M)	(\$1,390M)	(\$1,920M)	(\$1,634M)

U.S. Sector & Industry Flow Leaders

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
IGV	iShares Expanded Tech-Software Sector ETF	\$315M	(\$517M)	(\$189M)	(\$657M)	\$5,680M
XBI	SPDR S&P BIOTECH ETF	\$220M	(\$61M)	(\$279M)	(\$916M)	\$4,975M
XLE	Energy Select Sector SPDR Fund	\$158M	\$2,365M	\$276M	(\$1,643M)	\$38,102M
IHE	iShares U.S. Pharmaceuticals ETF	\$146M	\$137M	\$119M	\$92M	\$475M
IYW	iShares U.S. Technology ETF	\$72M	\$823M	(\$409M)	\$342M	\$11,261M
AMLP	Alerian MLP ETF	\$52M	\$246M	\$113M	\$105M	\$7,078M
KBE	SPDR S&P Bank ETF	\$50M	(\$215M)	(\$327M)	(\$727M)	\$1,005M
ITA	iShares U.S. Aerospace & Defense ETF	\$43M	(\$157M)	(\$526M)	\$1,086M	\$5,059M
PPA	Invesco Aerospace & Defense ETF	\$39M	\$217M	\$231M	\$430M	\$2,081M
XRT	SPDR S&P Retail ETF	\$38M	(\$67M)	(\$78M)	(\$65M)	\$313M

U.S. Sector & Industry Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLF	Financial Select Sector SPDR Fund	(\$909M)	(\$4,834M)	(\$3,076M)	(\$1,209M)	\$27,504M
FDN	First Trust Dow Jones Internet Index Fund	(\$303M)	(\$556M)	\$665M	\$100M	\$4,694M
VCR	Vanguard Consumer Discretionary ETF	(\$263M)	(\$282M)	\$94M	(\$134M)	\$4,189M
VNQ	Vanguard Real Estate ETF	(\$256M)	(\$751M)	(\$533M)	(\$1,628M)	\$27,413M
XLY	Consumer Discretionary Select Sector SPDR Fu..	(\$239M)	\$110M	\$801M	\$311M	\$15,258M
VIS	Vanguard Industrials ETF	(\$234M)	(\$346M)	(\$12M)	\$101M	\$3,629M
VAW	Vanguard Materials ETF	(\$229M)	(\$364M)	(\$238M)	(\$287M)	\$2,403M
VDC	Vanguard Consumer Staples ETF	(\$225M)	(\$428M)	(\$140M)	(\$23M)	\$6,047M
VPU	Vanguard Utilities ETF	(\$218M)	(\$281M)	(\$57M)	(\$217M)	\$4,501M
VOX	Vanguard Communication Services ETF	(\$213M)	(\$45M)	\$179M	\$220M	\$3,006M

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Communication Services



Consumer Discretionary



Consumer Staples



Energy



Financials



Industrial



Health Care



Materials



Real Estate



Technology



Utilities

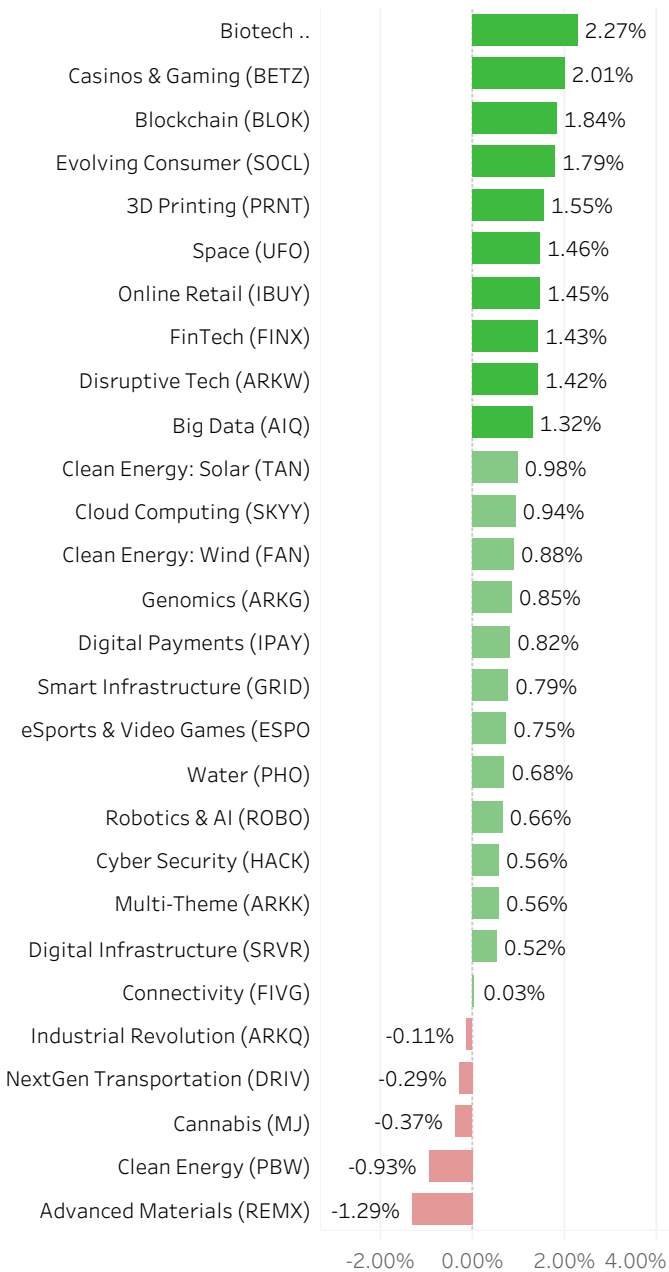


Multi-Sector

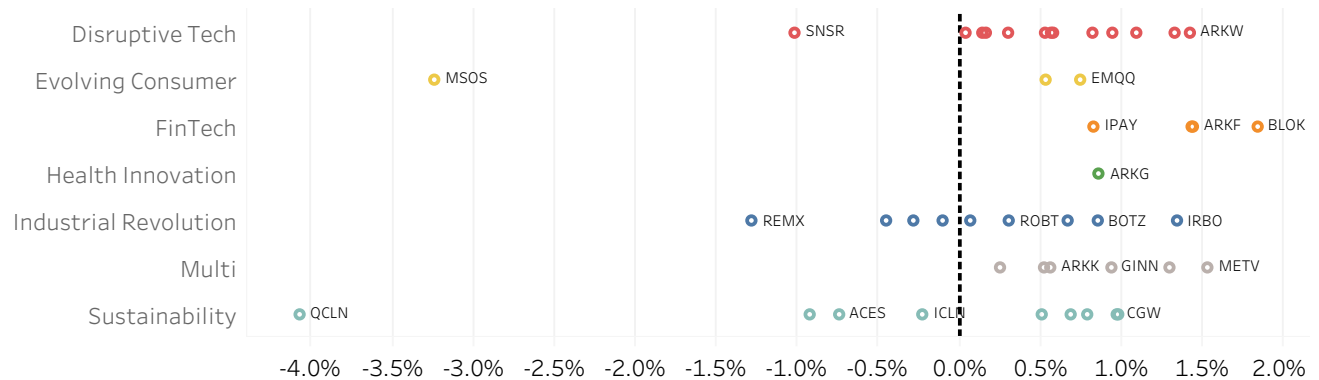


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Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	Performance
BLCN	Siren ETF Trust Siren Nasdaq NexGen Economy ETF	2.72%
AWAY	ETFMG Travel Tech ETF	2.61%
SBIO	ALPS Medical Breakthroughs ETF	2.27%
IDNA	iShares Genomics Immunology and Healthcare ETF	2.07%
IZRL	ARK Israel Innovative Technology ETF	2.04%
BETZ	Roundhill Sports Betting & iGaming ETF	2.01%
BLOK	Amplify Transformational Data Sharing ETF	1.84%
MILN	Global X Millennial Consumer ETF	1.82%
SOCL	Global X Social Media ETF	1.79%
GBUY	Goldman Sachs Future Consumer Equity ETF	1.72%

Thematic Most Overbought

Ticker	Fund	Price
BITQ	Bitwise Crypto Industry Innovators ETF	53.01
BLOK	Amplify Transformational Data Sharing ETF	52.96
BKCH	Global X Blockchain ETF	49.30
BLCN	Siren ETF Trust Siren Nasdaq NexGen Economy ETF	48.25
KGRN	KraneShares MSCI China Clean Technology Index ETF	47.23
KWEB	KraneShares CSI China Internet ETF	46.69
EMQQ	EMQQ The Emerging Markets Internet & Ecommerce ETF	43.79
SRVR	Pacer Data & Infrastructure Real Estate ETF	43.49
METV	Roundhill Ball Metaverse ETF	43.12
GBUY	Goldman Sachs Future Consumer Equity ETF	41.93

Global Thematic 1-Day Performance Laggards

Ticker	Fund	Performance
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	-4.08%
MSOS	AdvisorShares Pure US Cannabis ETF	-3.24%
REMX	VanEck Rare Earth/Strategic Metals ETF	-1.29%
SNSR	Global X Internet of Things ETF	-1.02%
PBW	Invesco WilderHill Clean Energy ETF	-0.93%
ACES	ALPS Clean Energy ETF	-0.75%
LIT	Global X Lithium & Battery Tech ETF	-0.46%
WTAI	WisdomTree Artificial Intelligence and Innovation Fund	-0.44%
MJ	ETFMG Alternative Harvest ETF	-0.37%
HTEC	ROBO Global Healthcare Technology and Innovation E..	-0.36%

Thematic Most Oversold

Ticker	Fund	Price
HTEC	ROBO Global Healthcare Technology and Innovation ETF	18.82
EDOC	Global X Telemedicine & Digital Health ETF Registered	21.18
PBW	Invesco WilderHill Clean Energy ETF	22.83
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	23.21
MSOS	AdvisorShares Pure US Cannabis ETF	23.36
MJUS	ETFMG U.S. Alternative Harvest ETF	24.31
GDOC	Goldman Sachs Future Health Care Equity ETF	24.43
ARKG	ARK Genomic Revolution ETF	25.04
ACES	ALPS Clean Energy ETF	25.17
ROBO	ROBO Global Robotics & Automation Index ETF	26.25

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Thematic 1 Week Flow Leaders

Ticker	Fund	Flow
IHAK	iShares Cybersecurity & Tech ETF	\$40M
ARKG	ARK Genomic Revolution ETF	\$22M
AIQ	Global X Artificial Intelligence & Technology ETF	\$13M
FMIL	Fidelity New Millennium ETF	\$10M
PBW	Invesco WilderHill Clean Energy ETF	\$6M
WGMI	Valkyrie Bitcoin Miners ETF	\$4M
MSOS	AdvisorShares Pure US Cannabis ETF	\$4M
REMX	VanEck Rare Earth/Strategic Metals ETF	\$3M
TARK	AXS 2X Innovation ETF	\$3M
WTAI	WisdomTree Artificial Intelligence and Innovation Fund	\$2M

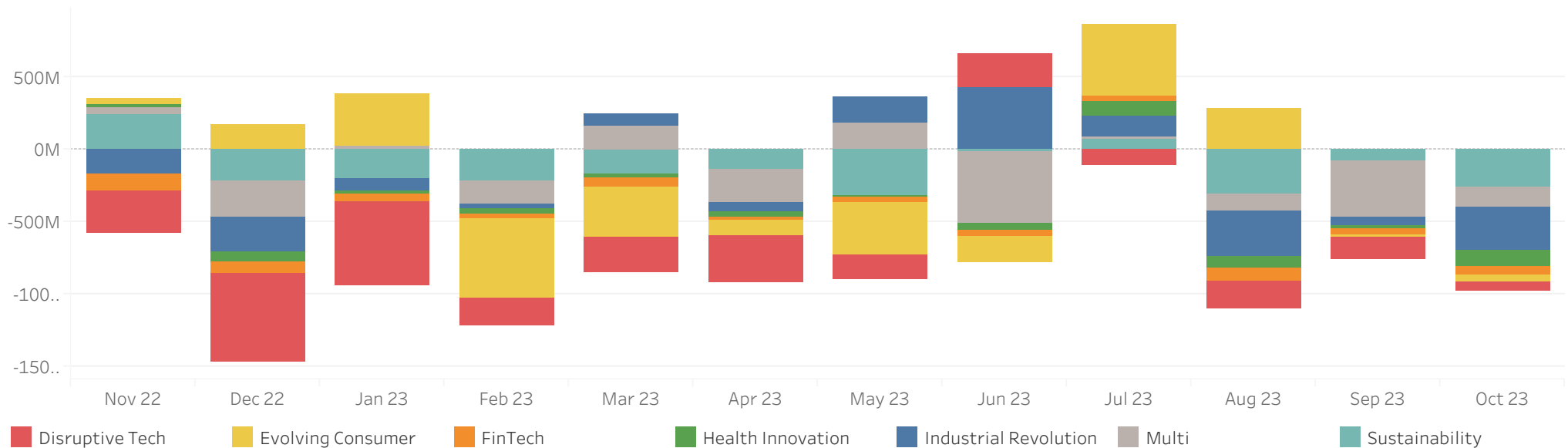
Thematic 1 Week Flow Laggards

Ticker	Fund	Flow
GNOM	Global X Genomics & Biotechnology ETF	(\$75M)
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure Index	(\$39M)
ICLN	iShares Global Clean Energy ETF	(\$32M)
ARKK	ARK Innovation ETF	(\$25M)
SKYY	First Trust Cloud Computing ETF	(\$14M)
DRIV	Global X Autonomous & Electric Vehicles ETF	(\$14M)
XT	iShares Exponential Technologies ETF	(\$13M)
FIVG	Defiance Next Gen Connectivity ETF	(\$10M)
LIT	Global X Lithium & Battery Tech ETF	(\$10M)
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	(\$9M)

Thematic Landscape Assets & Flows

Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	34	\$15B	\$15M	(\$391M)	(\$450M)	(\$2,684M)
Evolving Consumer	39	\$8B	(\$10M)	\$218M	\$178M	(\$251M)
FinTech	17	\$2B	(\$3M)	(\$201M)	(\$242M)	(\$596M)
Health Innovation	18	\$2B	(\$64M)	(\$205M)	(\$178M)	(\$370M)
Industrial Revolution	30	\$9B	(\$34M)	(\$670M)	\$91M	(\$415M)
Multi	36	\$12B	(\$54M)	(\$649M)	(\$946M)	(\$1,366M)
Sustainability	40	\$12B	(\$84M)	(\$654M)	(\$921M)	(\$1,633M)
Grand Total	214	\$60B	(\$236M)	(\$2,552M)	(\$2,468M)	(\$7,315M)

Thematic Monthly Flows

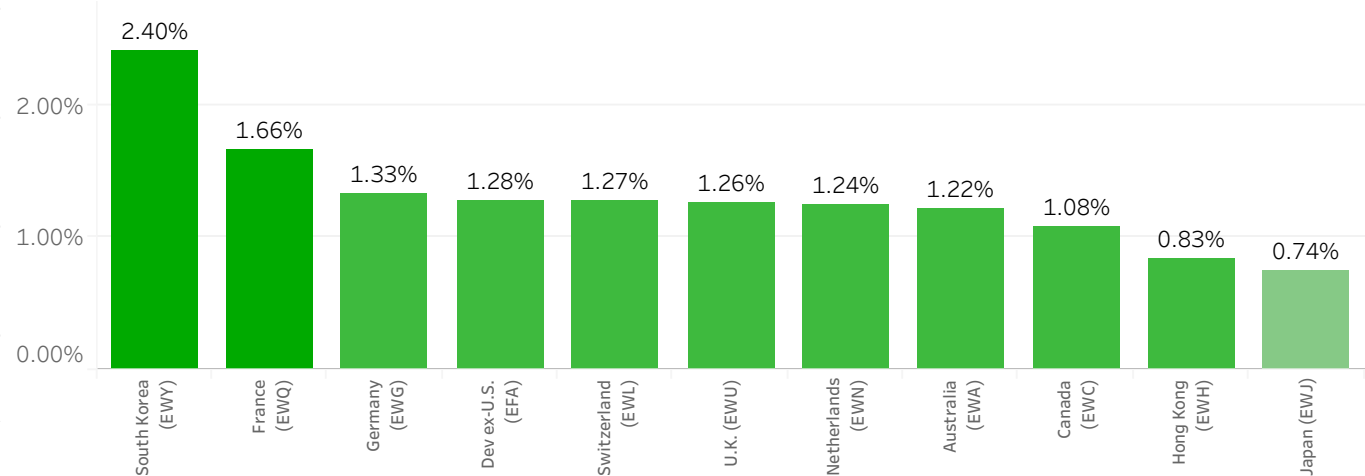


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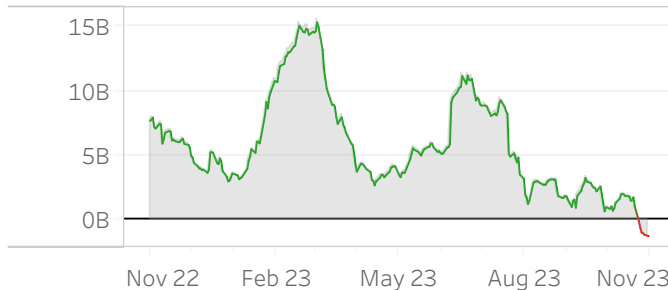
Developed ex-U.S. (EFA)



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



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



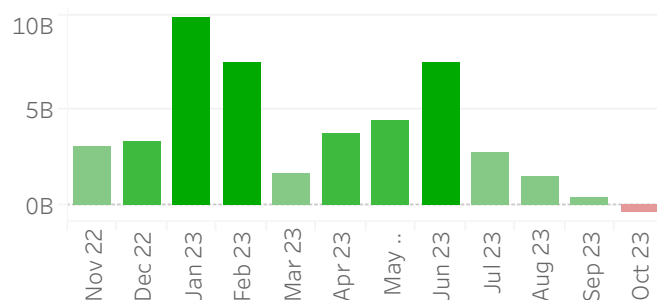
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
EIS	iShares MSCI Israel ETF	4.16%
EWO	iShares MSCI Austria ETF	2.55%
EWY	iShares MSCI South Korea ETF	2.40%
FLKR	Franklin FTSE South Korea ETF	2.34%
EWP	iShares MSCI Spain ETF	2.29%
EIRL	iShares MSCI Ireland ETF	2.12%
ENZL	iShares MSCI New Zealand ETF	1.90%
EUDG	WisdomTree Europe Quality Dividend Growth Fund	1.86%
IEUS	iShares MSCI Europe Small-Cap ETF	1.85%
DFE	WisdomTree Europe SmallCap Dividend Fund	1.81%

Developed ex-U.S. Most Overbought

Ticker	Fund	Price
GREK	Global X MSCI Greece ETF	53.74
EWO	iShares MSCI Austria ETF	49.19
EWP	iShares MSCI Spain ETF	46.74
DXJS	WisdomTree Japan Hedged SmallCap Equity Fund	46.68
EWH	iShares MSCI Hong Kong ETF	45.27
FYLD	Cambria Foreign Shareholder Yield ETF	44.97
DFJ	WisdomTree Japan SmallCap Dividend Fund	44.87
MINV	Matthews Asia Innovators Active ETF	44.56
EWN	iShares MSCI Netherlands ETF	44.34
LVHI	Franklin International Low Volatility High Dividend Index ..	44.16

Developed ex-U.S. Monthly Flows



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

Ticker	Fund	1-Day Performance
DXJS	WisdomTree Japan Hedged SmallCap Equity Fund	-0.25%
SCJ	iShares MSCI Japan Small-Cap ETF	0.09%
DXJ	WisdomTree Japan Hedged Equity Fund	0.13%
FJP	First Trust Japan AlphaDEX Fund	0.19%
DFJ	WisdomTree Japan SmallCap Dividend Fund	0.22%
EWJV	iShares MSCI Japan Value ETF	0.29%
FLJH	Franklin FTSE Japan Hedged ETF	0.38%
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	0.41%
HEWJ	iShares Currency Hedged MSCI Japan ETF	0.45%
FLJP	Franklin FTSE Japan ETF	0.67%

Developed ex-U.S. Most Oversold

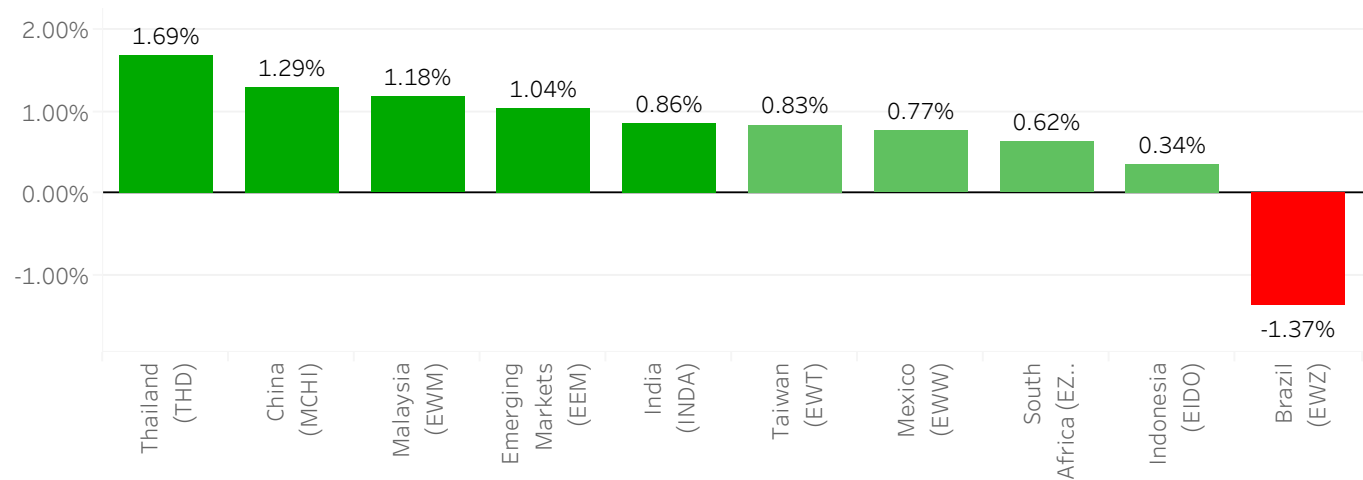
Ticker	Fund	Price
BBCA	JPMorgan BetaBuilders Canada ETF	33.87
EIS	iShares MSCI Israel ETF	34.45
EWC	iShares MSCI Canada ETF	34.79
SCHC	Schwab International Small-Cap Equity ETF	35.15
DFIV	Dimensional International Value ETF	35.41
PIZ	Invesco Dorsey Wright Developed Markets Moment..	35.63
FLCA	Franklin FTSE Canada ETF	36.18
FLKR	Franklin FTSE South Korea ETF	36.38
HSCZ	iShares Currency Hedged MSCI EAFE Small-Cap ETF	36.62
EWD	iShares MSCI Sweden ETF	36.70

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

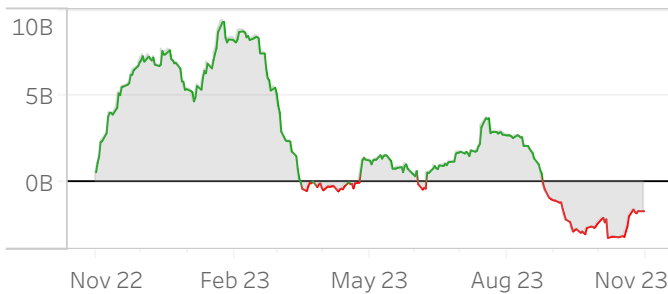
Emerging (EEM)



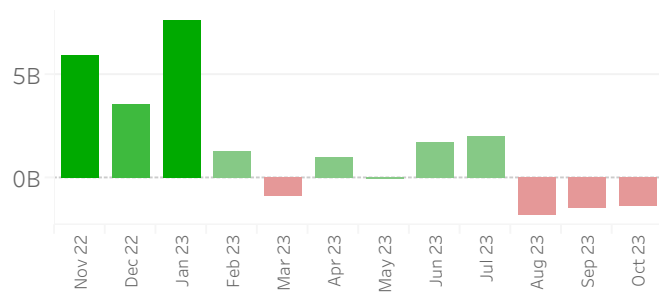
Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Leaders

Ticker	Fund	Performance
QAT	iShares MSCI Qatar ETF	3.22%
ECNS	iShares MSCI China Small-Cap ETF	2.77%
KSA	iShares MSCI Saudi Arabia ETF	2.48%
TUR	iShares MSCI Turkey ETF	2.29%
EPOL	iShares MSCI Poland ETF	2.23%
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	1.89%
KBA	KraneShares Bosera MSCI China A 50 Connect Index ETF	1.78%
THD	iShares MSCI Thailand ETF	1.69%
EEMX	SPDR MSCI Emerging Markets Fossil Fuel Free ETF	1.59%
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	1.50%

Emerging Most Overbought

Ticker	Fund	Value
EPOL	iShares MSCI Poland ETF	64.51
ECNS	iShares MSCI China Small-Cap ETF	53.17
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	50.18
EWM	iShares MSCI Malaysia ETF	49.07
MCHI	iShares MSCI China ETF	48.07
GXC	SPDR S&P China ETF	47.75
FXI	iShares China Large-Cap ETF	47.43
FLCH	Franklin FTSE China ETF	46.62
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	46.45
CNYA	iShares MSCI China A ETF	46.37

Emerging 1-Day Performance Laggards

Ticker	Fund	Performance
EWZS	iShares MSCI Brazil Small-Cap ETF	-2.10%
FLBR	Franklin FTSE Brazil ETF	-1.45%
EWZ	iShares MSCI Brazil ETF	-1.37%
FLLA	Franklin FTSE Latin America ETF	-0.91%
ECH	iShares MSCI Chile ETF	-0.82%
FLN	First Trust Latin America AlphaDEX Fund	-0.63%
ILF	iShares Latin America 40 ETF	-0.36%
ECOW	Pacer Emerging Markets Cash Cows 100 ETF	0.06%
EPU	iShares MSCI Peru and Global Exposure ETF	0.14%
PXH	Invesco FTSE RAFI Emerging Markets ETF	0.23%

Emerging Most Oversold

Ticker	Fund	Value
EIDO	iShares MSCI Indonesia ETF	25.06
VNM	VanEck Vietnam ETF	29.40
FM	iShares Frontier and Select EM ETF	32.93
ARGT	Global X MSCI Argentina ETF	33.62
EPHE	iShares MSCI Philippines ETF	34.92
ECOW	Pacer Emerging Markets Cash Cows 100 ETF	35.32
KWT	iShares MSCI Kuwait ETF	35.65
DGS	WisdomTree Emerging Markets SmallCap Dividend F..	35.75
MFEM	PIMCO RAFI Dynamic Multi-Factor Emerging Market..	36.39
XCEM	Columbia EM Core ex-China ETF	36.47

*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	-0.24%	-1.50%	-2.52%
SHY	1-3 Year Treasury Bonds	-0.04%	0.37%	1.99%
IEF	7-10 Year Treasury Bonds	-0.33%	-1.72%	-4.27%
TLT	20+ Year Treasury Bonds	-0.45%	-4.99%	-13.54%
TIP	TIPS Bonds	-0.16%	-0.47%	-1.14%
FLOT	Floating Rate Bonds	0.02%	0.43%	5.35%
LQD	Investment Grade Corporate	-0.30%	-2.27%	-2.88%
HYG	High Yield Corporate	0.03%	-1.30%	2.78%
BKLN	Senior Loan	0.14%	-0.19%	8.90%
PFF	Preferred & Income Securities	0.11%	-5.09%	-2.12%
MUB	Municipal Bonds	-0.24%	-1.29%	-2.38%
MBB	MBS	-0.35%	-2.31%	-4.37%
EMB	Dollar Denominated EM Bonds	0.26%	-1.16%	-0.38%
LEMB	Local Currency EM Bond	0.23%	-1.06%	-0.72%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	-1.29%	0.19%	-4.48%
DBE	Energy	-2.55%	-3.84%	-0.70%
USO	WTI Crude Oil	-2.95%	-5.95%	8.47%
BNO	Brent Crude Oil	-2.42%	-4.33%	8.49%
UNG	Natural Gas	-3.47%	1.76%	-50.71%
UGA	Gasoline	-3.22%	-6.64%	5.39%
DBP	Precious Metals	-0.36%	7.36%	6.09%
GLD	Gold	-0.56%	7.96%	9.11%
SLV	Silver	0.76%	4.92%	-3.09%
PPLT	abrdn Physical Platin..	3.42%	2.98%	-13.27%
PALL	abrdn Physical Palla..	0.40%	-9.86%	-37.17%
DBB	Base Metals	0.65%	-3.71%	-5.14%
CPER	Copper	0.44%	-1.13%	-1.43%
DBA	Agriculture	-0.68%	2.29%	8.68%
CORN	Corn	-0.42%	0.73%	-17.64%
SOYB	Soybeans	-0.64%	1.15%	-3.93%
WEAT	Wheat	-1.21%	2.87%	-28.20%
CANE	Sugar	-1.91%	0.61%	56.03%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	-0.40%	0.40%	7.34%
UDN	Short Dollar	0.40%	0.31%	-0.39%
FXE	Euro	0.45%	0.61%	0.45%
FXB	British Pound Sterling	0.48%	-0.01%	3.08%
FXF	Swiss Franc	0.03%	1.57%	2.29%
FXJ	Japanese Yen	0.37%	0.23%	-12.33%
FXC	Canadian Dollar	0.35%	-1.63%	-0.33%
FXA	Australian Dollar	0.65%	-0.72%	-5.52%

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

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