

Large Cap Blend (S&P 500) IVV



Mid Cap Blend (S&P 400) IJH

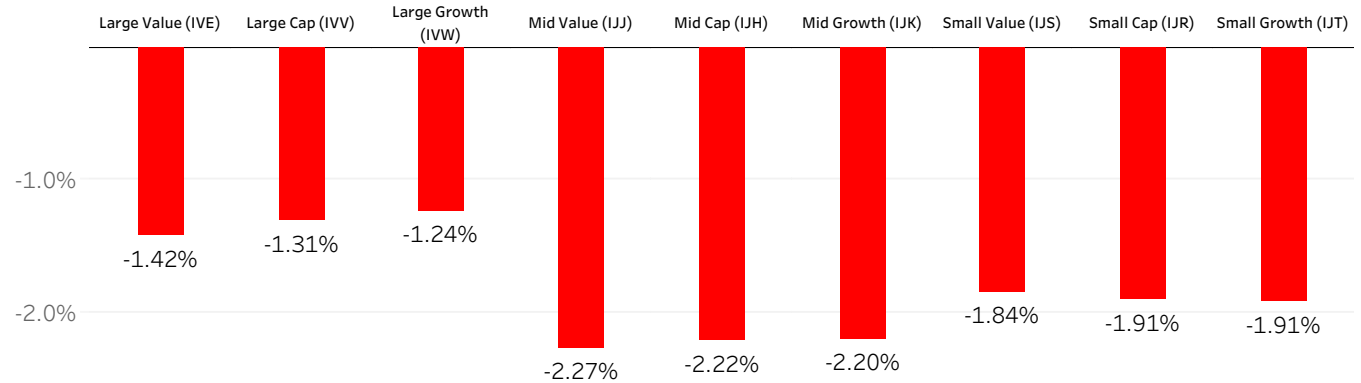


Small Cap Blend (S&P 600) IJR



■ 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	1-Day Performance
CSF	VictoryShares US Discovery Enhanced Volatility Wtd ETF	-0.08%
SPC	CrossingBridge Pre-Merger SPAC ETF	-0.14%
CDC	VictoryShares US EQ Income Enhanced Volatility Wtd ETF	-0.32%
SPLV	Invesco S&P 500 Low Volatility ETF	-0.46%
HDV	iShares Core High Dividend ETF	-0.48%
DURA	VanEck Durable High Dividend ETF	-0.58%
HUSV	First Trust Horizon Managed Volatility Domestic ETF	-0.60%
VSMV	VictoryShares US Multi-Factor Minimum Volatility ETF	-0.65%
RPHS	Regents Park Hedged Market Strategy ETF	-0.69%
VFMV	Vanguard U.S. Minimum Volatility ETF	-0.71%

Size & Style Most Overbought

Ticker	Fund	Value
SPC	CrossingBridge Pre-Merger SPAC ETF	60.15
RPG	Invesco S&P 500 Pure Growth ETF	55.77
VSMV	VictoryShares US Multi-Factor Minimum Volatility ETF	52.10
COWZ	Pacer US Cash Cows 100 ETF	51.41
SPGP	Invesco S&P 500 GARP ETF	51.12
FDLO	Fidelity Low Volatility Factor ETF	50.79
TTAC	FCF US Quality ETF	50.58
USMF	WisdomTree U.S. Multifactor Fund	50.45
QLV	FlexShares US Quality Low Volatility Index Fund	50.23
VFMV	Vanguard U.S. Minimum Volatility ETF	50.02

Size & Style 1-Day Performance Laggards

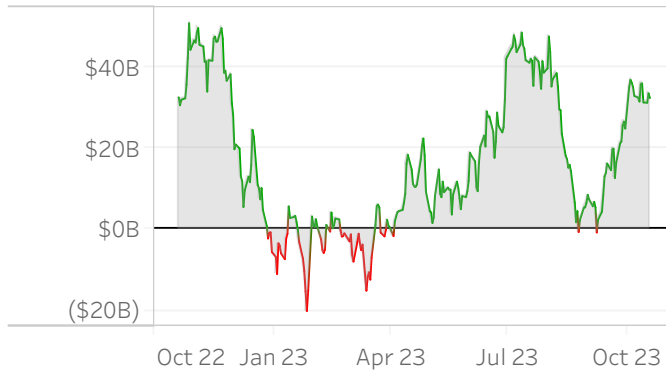
Ticker	Fund	1-Day Performance
FPX	First Trust US Equity Opportunities ETF	-2.97%
XMMO	Invesco S&P MidCap Momentum ETF	-2.86%
BUZZ	VanEck Social Sentiment ETF	-2.86%
CSD	Invesco S&P Spin-Off ETF	-2.84%
QMOM	Momentumshares US Quantitative Momentum ETF	-2.76%
FNY	First Trust Mid Cap Growth AlphaDEX Fund	-2.64%
IWC	iShares Micro-Cap ETF	-2.58%
TMFS	Motley Fool Small-Cap Growth ETF	-2.54%
JSML	Janus Henderson Small Cap Growth Alpha ETF	-2.50%
IPO	Renaissance IPO ETF	-2.49%

Size & Style Most Oversold

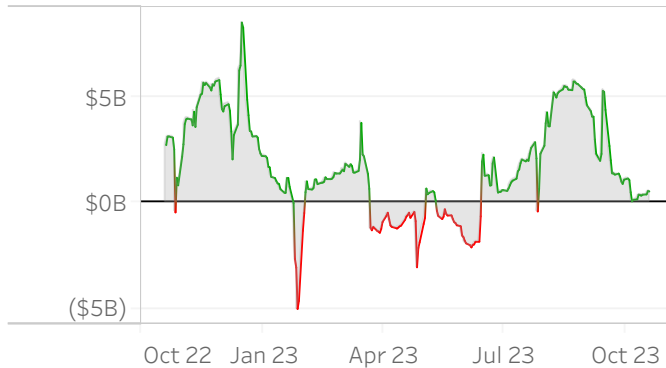
Ticker	Fund	Value
IWC	iShares Micro-Cap ETF	34.65
NOBL	ProShares S&P 500 Dividend Aristocrats ETF	36.09
DWAS	Invesco Dorsey Wright SmallCap Momentum ETF	37.11
DJD	Invesco Dow Jones Industrial Average Dividend ETF	37.42
VTWG	Vanguard Russell 2000 Growth ETF	37.90
IWO	iShares Russell 2000 Growth ETF	37.91
ISCG	iShares Morningstar Small-Cap Growth ETF	38.11
BBSC	JPMorgan BetaBuilders U.S. Small Cap Equity ETF	38.24
NUSC	Nuveen ESG Small-Cap ETF	38.65
CSF	VictoryShares US Discovery Enhanced Volatility Wtd..	38.85

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

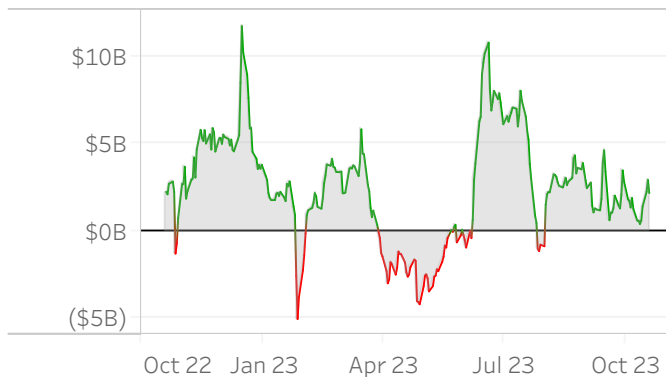
Large-Cap 30-Day Rolling Flows



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	\$1,450B	\$1.39B	\$27.99B	\$71.84B	\$71.97B
Large Cap, Beta, Beta: Growth	10	\$283B	\$0.62B	\$5.87B	\$8.11B	\$17.55B
Large Cap, Beta, Beta: Value	11	\$217B	(\$0.32B)	\$1.20B	(\$2.72B)	(\$5.81B)
Mid Cap, Beta, Beta	10	\$190B	\$0.13B	\$5.90B	\$6.10B	\$11.42B
Mid Cap, Beta, Beta: Growth	6	\$35B	(\$0.02B)	(\$0.19B)	\$0.55B	\$0.35B
Mid Cap, Beta, Beta: Value	6	\$37B	(\$0.08B)	(\$0.52B)	(\$1.63B)	(\$1.75B)
Small Cap, Beta, Beta	11	\$191B	\$0.16B	\$1.70B	\$7.28B	\$9.53B
Small Cap, Beta, Beta: Growth	7	\$31B	\$0.07B	(\$0.04B)	\$0.22B	\$0.68B
Small Cap, Beta, Beta: Value	7	\$46B	(\$0.02B)	(\$0.78B)	(\$1.31B)	(\$0.70B)

U.S. Size & Style Flow Leaders

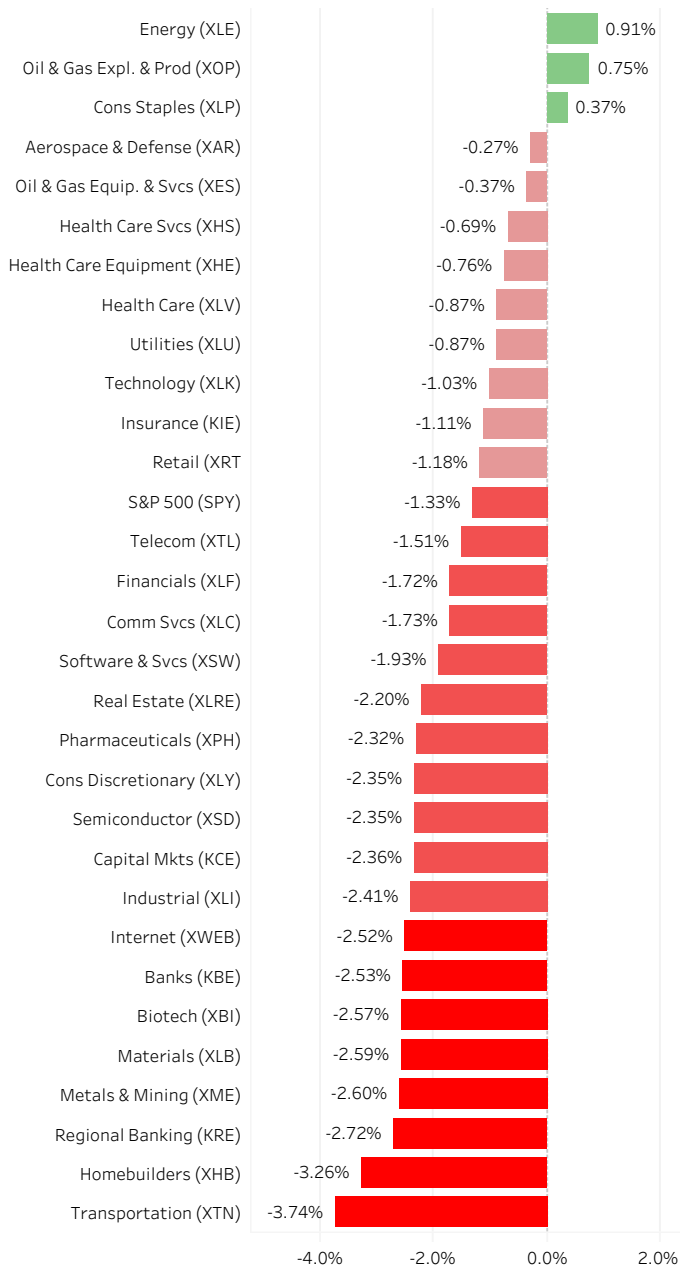
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
SPY	SPDR S&P 500 ETF Trust	\$0.50B	(\$6.18B)	\$3.06B	(\$3.93B)	\$403.16B
IWY	iShares Russell Top 200 Growth ETF	\$0.50B	\$0.16B	\$0.31B	\$1.46B	\$7.27B
VOO	Vanguard S&P 500 ETF	\$0.31B	\$10.24B	\$25.91B	\$33.95B	\$332.04B
IWB	iShares Russell 1000 ETF	\$0.28B	(\$0.07B)	(\$0.16B)	(\$0.63B)	\$30.14B
DGRO	iShares Core Dividend Growth ETF	\$0.27B	\$0.23B	\$0.22B	(\$0.73B)	\$23.36B
IVV	iShares Core S&P 500 ETF	\$0.26B	\$17.85B	\$26.05B	\$23.34B	\$352.07B
DFAC	Dimensional U.S. Core Equity 2 ETF	\$0.25B	\$0.97B	\$2.40B	\$4.79B	\$21.57B
QQQM	Invesco NASDAQ 100 ETF	\$0.19B	\$1.56B	\$4.63B	\$7.84B	\$15.26B
VTI	Vanguard Total Stock Market ETF	\$0.19B	\$5.69B	\$11.45B	\$19.69B	\$310.72B
USMC	Principal U.S. Mega-Cap ETF	\$0.17B	\$0.21B	\$0.37B	\$0.37B	\$1.67B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
QQQ	Invesco QQQ Trust Series I	(\$0.43B)	\$1.56B	\$8.49B	\$5.37B	\$205.88B
IWF	iShares Russell 1000 Growth ETF	(\$0.21B)	\$0.72B	\$0.58B	(\$0.74B)	\$71.52B
DIA	SPDR Dow Jones Industrial Average ETF Trust	(\$0.20B)	(\$1.62B)	(\$0.32B)	(\$1.30B)	\$28.32B
DVY	iShares Select Dividend ETF	(\$0.16B)	(\$0.87B)	(\$2.09B)	(\$1.92B)	\$17.88B
RSP	Invesco S&P 500 Equal Weight ETF	(\$0.14B)	\$0.59B	\$6.89B	\$9.34B	\$40.02B
IWD	iShares Russell 1000 Value ETF	(\$0.13B)	(\$0.53B)	(\$1.59B)	(\$4.91B)	\$48.34B
SPYV	SPDR Portfolio S&P 500 Value ETF	(\$0.10B)	\$0.39B	\$1.21B	\$2.09B	\$16.04B
SDY	SPDR S&P Dividend ETF	(\$0.09B)	(\$0.79B)	(\$1.37B)	(\$1.20B)	\$19.88B
VTV	Vanguard Value ETF	(\$0.08B)	\$1.19B	(\$2.60B)	(\$3.40B)	\$98.70B
USMV	iShares MSCI USA Min Vol Factor ETF	(\$0.07B)	(\$0.37B)	(\$0.84B)	(\$1.64B)	\$28.40B

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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)
XLE	Energy Select Sector SPDR Fund	-2.25%	20.07%	2.72%	8.19%	60.10
XLC	Communication Services Select Sector SPDR Fund	-2.33%	48.01%	0.71%	9.35%	51.35
SPY	SPDR S&P 500 ETF Trust	-6.02%	15.96%	-1.93%	1.66%	44.41
XLK	Technology Select Sector SPDR Fund	-6.96%	41.15%	-0.69%	6.40%	48.48
XLV	Health Care Select Sector SPDR Fund	-7.32%	4.59%	-1.56%	-1.27%	46.21
XLI	Industrial Select Sector SPDR Fund	-9.11%	8.70%	-3.78%	-2.11%	40.82
XLB	Materials Select Sector SPDR Fund	-10.03%	6.61%	-4.02%	-4.49%	39.89
XLF	Financial Select Sector SPDR Fund	-10.43%	6.97%	-2.34%	-2.13%	43.65
XLY	Consumer Discretionary Select Sector SPDR Fund	-10.65%	25.23%	-4.33%	1.06%	40.09
XLP	Consumer Staples Select Sector SPDR Fund	-12.22%	2.73%	-3.86%	-7.25%	43.53
XLU	Utilities Select Sector SPDR Fund	-18.49%	5.41%	-4.17%	-10.03%	44.67
XLRE	Real Estate Select Sector SPDR Fund	-19.32%	2.77%	-5.16%	-9.27%	39.98

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
FTXN	First Trust Nasdaq Oil & Gas ETF	0.98%
IEO	iShares U.S. Oil & Gas Exploration & Production ETF	0.98%
XLE	Energy Select Sector SPDR Fund	0.91%
VDE	Vanguard Energy ETF	0.79%
FENY	Fidelity MSCI Energy Index ETF	0.76%
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	0.75%
PXE	Invesco Energy Exploration & Production ETF	0.75%
IYE	iShares U.S. Energy ETF	0.71%
RSPG	Invesco S&P 500 Equal Weight Energy ETF	0.65%
IHI	iShares U.S. Medical Devices ETF	0.56%

Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
KBWP	Invesco KBW Property & Casualty Insurance ETF	67.78
AMLP	Alerian MLP ETF	65.27
IEO	iShares U.S. Oil & Gas Exploration & Production ETF	64.71
FCG	First Trust Natural Gas ETF	64.39
IAK	iShares U.S. Insurance ETF	64.38
FXN	First Trust Energy AlphaDEX Fund	64.34
RSPG	Invesco S&P 500 Equal Weight Energy ETF	64.02
PXE	Invesco Energy Exploration & Production ETF	63.80
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	62.91
FTXN	First Trust Nasdaq Oil & Gas ETF	62.71

Sector & Industry 1 Day Performance Laggards

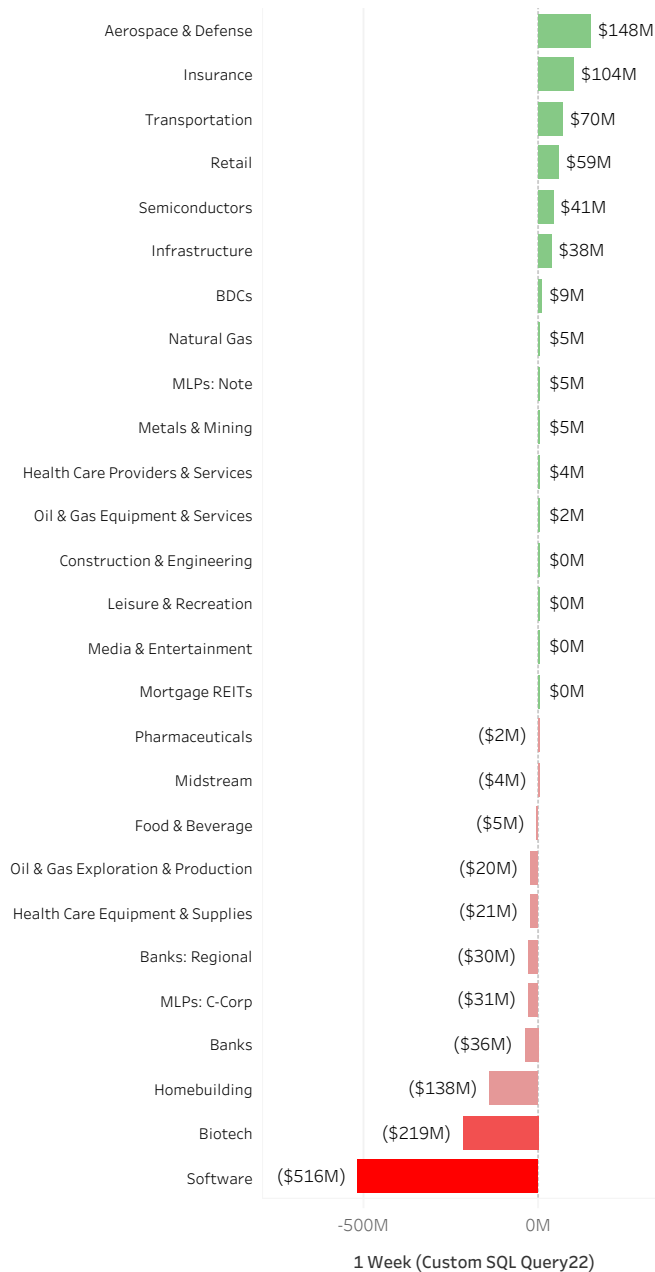
Ticker	Fund	1 Day Performance
PRN	Invesco Dorsey Wright Industrials Momentum ETF	-3.83%
AIRR	First Trust RBA American Industrial Renaissance ETF	-3.77%
XTN	SPDR S&P Transportation ETF	-3.74%
PAVE	Global X U.S. Infrastructure Development ETF	-3.72%
XHB	SPDR S&P Homebuilders ETF	-3.26%
IYT	iShares US Transportation ETF	-3.24%
PKB	Invesco Building & Construction ETF	-3.15%
FXR	First Trust Industrials/Producer Durables AlphaDEX F..	-3.11%
IAT	iShares U.S. Regional Banks ETF	-3.05%
REM	iShares Mortgage Real Estate ETF	-2.97%

Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
XPH	SPDR S&P Pharmaceuticals ETF	25.25
XHE	SPDR S&P Health Care Equipment ETF	30.72
FTXG	First Trust Nasdaq Food & Beverage ETF	31.46
PTH	Invesco Dorsey Wright Healthcare Momentum ETF	31.50
FBT	First Trust NYSE Arca Biotechnology Index Fund	31.67
XBI	SPDR S&P BIOTECH ETF	32.06
INDS	Pacer Industrial Real Estate ETF	33.53
KBWD	Invesco KBW High Dividend Yield Financial ETF	33.82
ITB	iShares U.S. Home Construction ETF	34.60
PEJ	Invesco Leisure and Entertainment ETF	35.06

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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	\$19B	\$223M	\$362M	\$1,660M	\$3,192M
Consumer Discretionary	12	\$26B	\$39M	\$635M	\$1,323M	\$1,921M
Consumer Staples	10	\$26B	(\$73M)	(\$1,539M)	(\$1,934M)	\$680M
Energy	31	\$77B	\$429M	\$2,527M	(\$2,380M)	(\$6,823M)
Financials	26	\$54B	\$175M	(\$3,837M)	(\$2,398M)	(\$623M)
Health Care	23	\$84B	(\$312M)	(\$2,987M)	(\$3,586M)	(\$4,334M)
Industrial	13	\$33B	\$154M	(\$679M)	\$1,207M	\$2,996M
Materials	9	\$12B	\$103M	(\$707M)	(\$2,067M)	(\$1,538M)
Multi-Sector	18	\$17B	(\$172M)	(\$153M)	\$2,263M	\$2,376M
Real Estate	25	\$51B	\$141M	(\$195M)	(\$288M)	(\$2,755M)
Technology	23	\$149B	(\$377M)	(\$1,477M)	\$432M	\$1,870M
Utilities	9	\$21B	(\$802M)	(\$1,159M)	(\$977M)	(\$1,542M)

U.S. Sector & Industry Flow Leaders

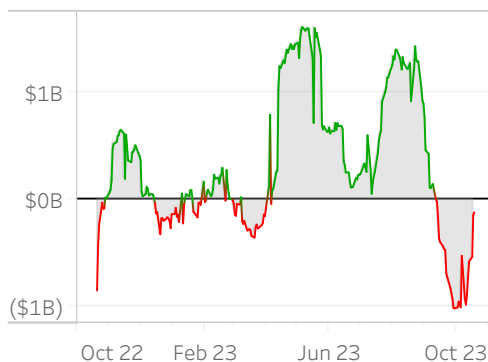
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLE	Energy Select Sector SPDR Fund	\$394M	\$2,035M	(\$1,625M)	(\$2,461M)	\$40,108M
XLC	Communication Services Select Sector SPDR Fu..	\$210M	\$227M	\$1,267M	\$2,772M	\$14,230M
XLK	Technology Select Sector SPDR Fund	\$192M	(\$448M)	\$244M	(\$1,692M)	\$49,002M
XLF	Financial Select Sector SPDR Fund	\$157M	(\$2,552M)	(\$1,195M)	\$981M	\$30,899M
XLB	Materials Select Sector SPDR Fund	\$121M	(\$264M)	(\$297M)	(\$150M)	\$5,515M
XLRE	Real Estate Select Sector SPDR Fund	\$113M	\$19M	\$163M	(\$267M)	\$4,312M
KIE	SPDR S&P Insurance ETF	\$99M	\$138M	\$177M	\$162M	\$651M
IYR	iShares U.S. Real Estate ETF	\$79M	(\$179M)	(\$237M)	(\$589M)	\$2,505M
ITA	iShares U.S. Aerospace & Defense ETF	\$77M	(\$337M)	(\$529M)	\$1,053M	\$5,103M
IYT	iShares US Transportation ETF	\$70M	(\$15M)	\$143M	\$132M	\$948M

U.S. Sector & Industry Flow Laggards

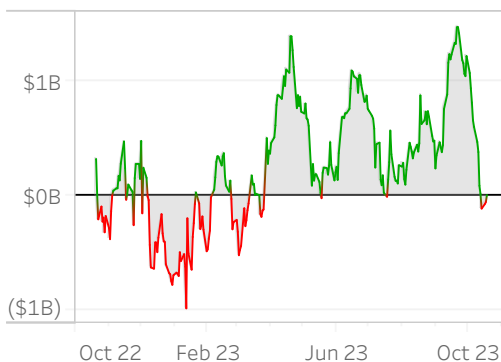
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLU	Utilities Select Sector SPDR Fund	(\$623M)	(\$580M)	(\$508M)	(\$741M)	\$13,440M
IGV	iShares Expanded Tech-Software Sector ETF	(\$514M)	(\$592M)	(\$297M)	(\$525M)	\$6,035M
IBB	iShares Biotechnology ETF	(\$152M)	(\$241M)	(\$723M)	(\$785M)	\$6,845M
FUTY	Fidelity MSCI Utilities Index ETF	(\$147M)	(\$389M)	(\$387M)	(\$345M)	\$1,456M
ICF	iShares Cohen & Steers REIT ETF	(\$82M)	(\$122M)	(\$171M)	(\$126M)	\$1,922M
XHB	SPDR S&P Homebuilders ETF	(\$78M)	(\$194M)	\$71M	\$35M	\$1,093M
FDN	First Trust Dow Jones Internet Index Fund	(\$72M)	(\$212M)	\$1,105M	\$810M	\$5,541M
XBI	SPDR S&P BIOTECH ETF	(\$67M)	(\$330M)	(\$552M)	(\$980M)	\$5,123M
ITB	iShares U.S. Home Construction ETF	(\$61M)	(\$408M)	(\$65M)	\$155M	\$1,754M
RSPD	Invesco S&P 500 Equal Weight Consumer Discr..	(\$55M)	\$37M	\$36M	\$175M	\$502M

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Communication Services



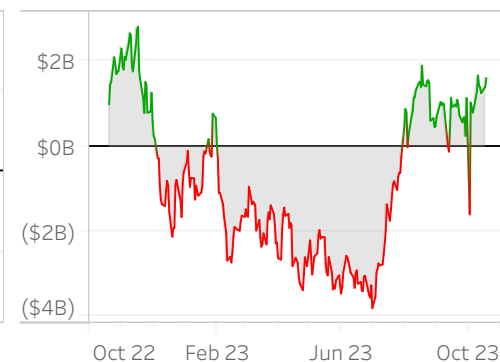
Consumer Discretionary



Consumer Staples



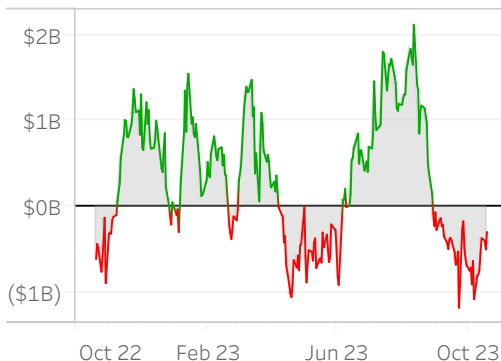
Energy



Financials



Industrial



Health Care



Materials



Real Estate



Technology



Utilities

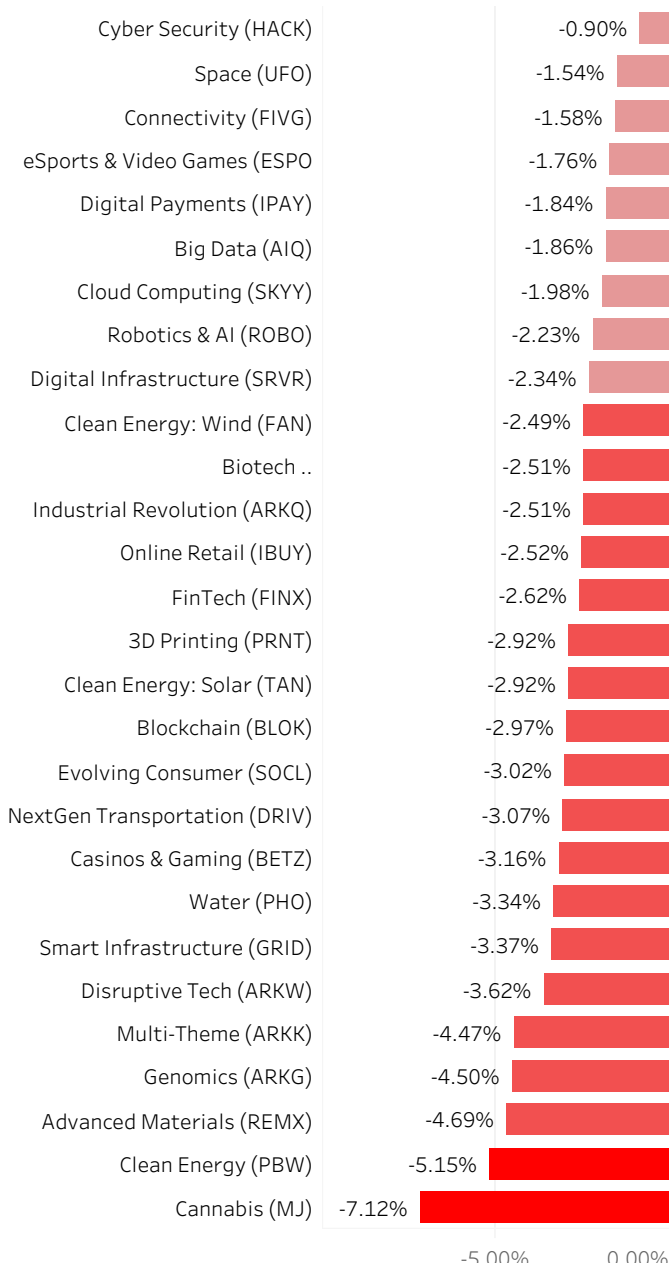


Multi-Sector

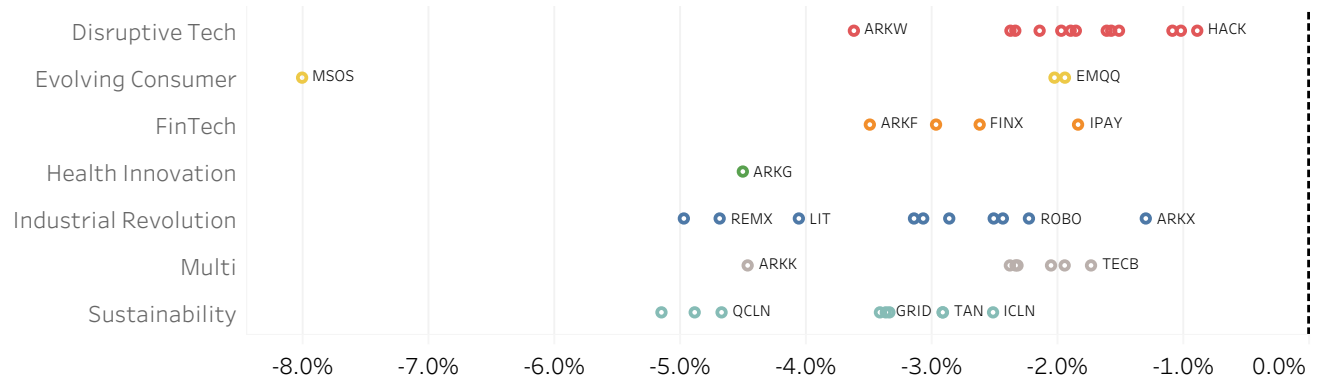


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Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
SAMT	Strategas Macro Thematic Opportunities ETF	-0.44%
BLCN	Siren ETF Trust Siren Nasdaq NexGen Economy ETF	-0.48%
HACK	ETFMG Prime Cyber Security ETFMG Prime Cyber Securit..	-0.90%
IZRL	ARK Israel Innovative Technology ETF	-0.96%
CIBR	First Trust NASDAQ Cybersecurity ETF	-1.03%
BUG	Global X Cybersecurity ETF	-1.09%
LEGR	First Trust Indxx Innovative Transaction & Process ETF	-1.16%
AGNG	Global X Aging Population ETF	-1.18%
ARKX	ARK Space Exploration & Innovation ETF	-1.30%
KGRN	KraneShares MSCI China Clean Technology Index ETF	-1.36%

Thematic Most Overbought

Ticker	Fund	Price
HACK	ETFMG Prime Cyber Security ETFMG Prime Cyber Security ..	57.42
SAMT	Strategas Macro Thematic Opportunities ETF	54.08
CIBR	First Trust NASDAQ Cybersecurity ETF	53.18
BUG	Global X Cybersecurity ETF	51.40
IHAK	iShares Cybersecurity & Tech ETF	51.23
METV	Roundhill Ball Metaverse ETF	46.53
SKYY	First Trust Cloud Computing ETF	46.45
THNQ	ROBO Global Artificial Intelligence ETF	45.46
ARKX	ARK Space Exploration & Innovation ETF	45.46
WCLD	WisdomTree Cloud Computing Fund	44.08

Global Thematic 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
MSOS	AdvisorShares Pure US Cannabis ETF	-8.01%
MJ	ETFMG Alternative Harvest ETFMG Alternative Harvest	-7.12%
MJUS	ETFMG U.S. Alternative Harvest ETF	-6.62%
BKCH	Global X Blockchain ETF	-6.23%
PBW	Invesco WilderHill Clean Energy ETF	-5.15%
IDRV	iShares Self-driving EV & Tech ETF	-4.97%
ACES	ALPS Clean Energy ETF	-4.89%
BITQ	Bitwise Crypto Industry Innovators ETF	-4.86%
REMX	VanEck Rare Earth/Strategic Metals ETF	-4.69%
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	-4.67%

Thematic Most Oversold

Ticker	Fund	Price
IDNA	iShares Genomics Immunology and Healthcare ETF	23.71
ARKG	ARK Genomic Revolution ETF	26.45
IZRL	ARK Israel Innovative Technology ETF	26.45
EDOC	Global X Telemedicine & Digital Health ETF Registered	26.62
HTEC	ROBO Global Healthcare Technology and Innovation ETF	27.67
GNOM	Global X Genomics & Biotechnology ETF	28.60
SBIO	ALPS Medical Breakthroughs ETF	28.92
REMX	VanEck Rare Earth/Strategic Metals ETF	30.08
KLDW	Knowledge Leaders Developed World ETF	30.89
FAN	First Trust Global Wind Energy ETF	31.10

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Thematic 1 Week Flow Leaders

Ticker	Fund	
TAN	Invesco Solar ETF	\$32M
MSOS	AdvisorShares Pure US Cannabis ETF	\$29M
GBUY	Goldman Sachs Future Consumer Equity ETF	\$15M
AIQ	Global X Artificial Intelligence & Technology ETF	\$15M
CIBR	First Trust NASDAQ Cybersecurity ETF	\$14M
GTEK	Goldman Sachs Future Tech Leaders Equity ETF	\$11M
WCLD	WisdomTree Cloud Computing Fund	\$8M
KOMP	SPDR S&P Kensho New Economies Composite ETF	\$4M
FMIL	Fidelity New Millennium ETF	\$2M
ONLN	ProShares Online Retail ETF	\$2M

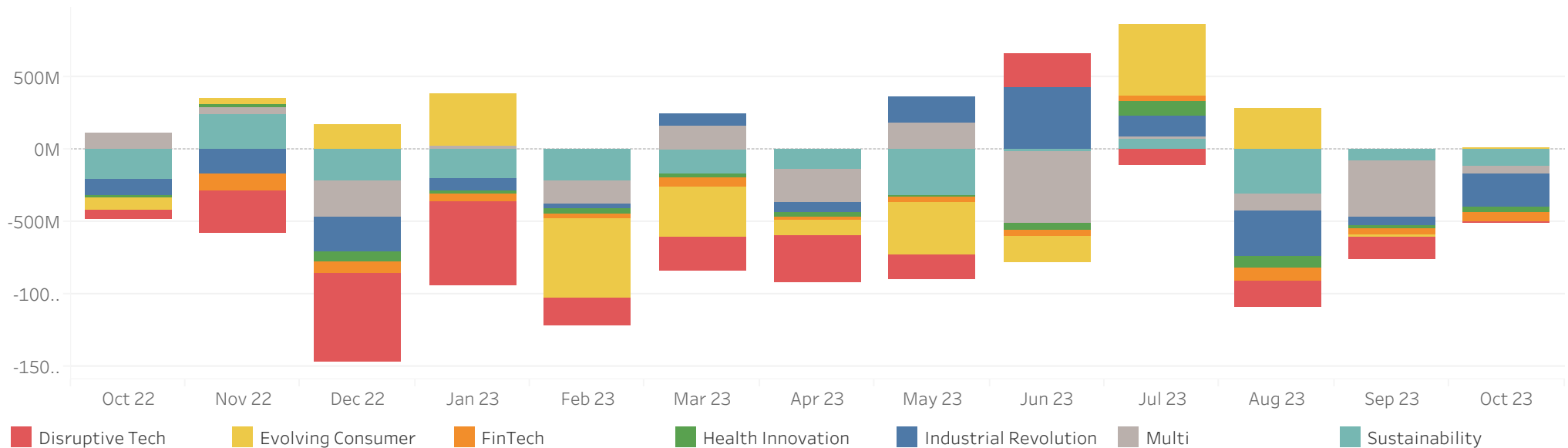
Thematic 1 Week Flow Laggards

Ticker	Fund	
ARKK	ARK Innovation ETF	(\$75M)
LIT	Global X Lithium & Battery Tech ETF	(\$53M)
BOTZ	Global X Robotics & Artificial Intelligence ETF	(\$37M)
ICLN	iShares Global Clean Energy ETF	(\$37M)
KWEB	KraneShares CSI China Internet ETF	(\$34M)
SKYY	First Trust Cloud Computing ETF	(\$27M)
PBW	Invesco WilderHill Clean Energy ETF	(\$24M)
ARKG	ARK Genomic Revolution ETF	(\$23M)
ROBO	ROBO Global Robotics & Automation Index ETF	(\$16M)
METV	Roundhill Ball Metaverse ETF	(\$12M)

Thematic Landscape Assets & Flows

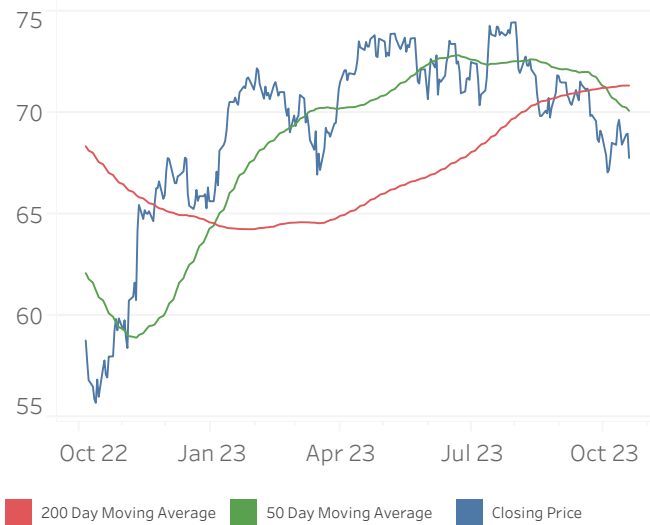
Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	34	\$16B	(\$12M)	(\$421M)	(\$534M)	(\$2,703M)
Evolving Consumer	39	\$9B	(\$12M)	\$388M	\$140M	(\$278M)
FinTech	17	\$2B	(\$2M)	(\$194M)	(\$244M)	(\$585M)
Health Innovation	18	\$2B	(\$24M)	(\$114M)	(\$149M)	(\$330M)
Industrial Revolution	30	\$10B	(\$99M)	(\$615M)	\$115M	(\$444M)
Multi	38	\$13B	(\$99M)	(\$740M)	(\$1,152M)	(\$1,164M)
Sustainability	40	\$13B	(\$93M)	(\$558M)	(\$836M)	(\$1,712M)
Grand Total	216	\$66B	(\$342M)	(\$2,254M)	(\$2,660M)	(\$7,216M)

Thematic Monthly Flows

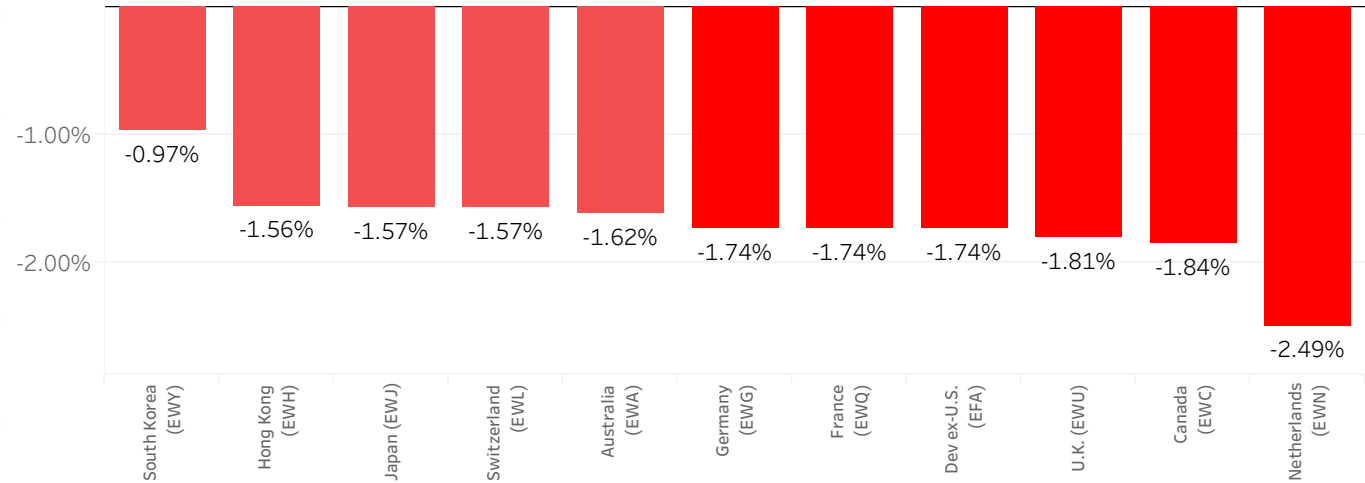


* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

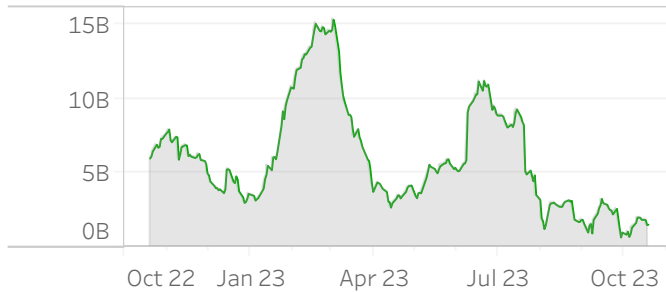
Developed ex-U.S. (EFA)



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



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



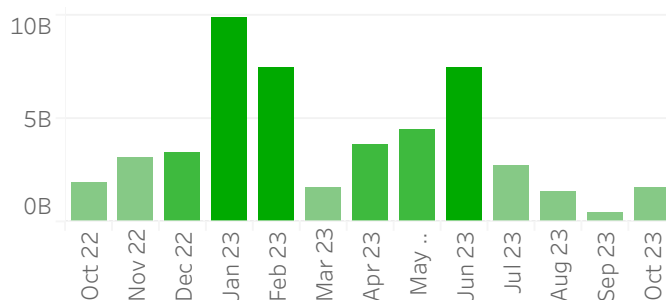
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
GREK	Global X MSCI Greece ETF	-0.33%
EIS	iShares MSCI Israel ETF	-0.68%
DXJS	WisdomTree Japan Hedged SmallCap Equity Fund	-0.88%
EWY	iShares MSCI South Korea ETF	-0.97%
DFJ	WisdomTree Japan SmallCap Dividend Fund	-1.00%
IDLV	Invesco S&P International Developed Low Volatility ETF	-1.00%
FYLD	Cambria Foreign Shareholder Yield ETF	-1.06%
DDW..	WisdomTree Dynamic Currency Hedged International Equity ..	-1.06%
SCJ	iShares MSCI Japan Small-Cap ETF	-1.09%
TTAI	FCF International Quality ETF	-1.12%

Developed ex-U.S. Most Overbought

Ticker	Fund	Value
NORW	Global X MSCI Norway ETF	47.91
DXJ	WisdomTree Japan Hedged Equity Fund	46.69
TTAI	FCF International Quality ETF	46.17
ICOW	Pacer Developed Markets International Cash Cows 100 ETF	45.99
EWU	iShares MSCI United Kingdom ETF	45.87
LVHI	Franklin International Low Volatility High Dividend Index ..	45.86
GREK	Global X MSCI Greece ETF	45.27
TOK	iShares MSCI Kokusai ETF	45.23
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	44.91
FYLD	Cambria Foreign Shareholder Yield ETF	44.85

Developed ex-U.S. Monthly Flows



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

Ticker	Fund	1-Day Performance
EWS	iShares MSCI Singapore ETF	-2.73%
EWN	iShares MSCI Netherlands ETF	-2.49%
EIRL	iShares MSCI Ireland ETF	-2.44%
EWD	iShares MSCI Sweden ETF	-2.34%
IEUS	iShares MSCI Europe Small-Cap ETF	-2.20%
DFE	WisdomTree Europe SmallCap Dividend Fund	-2.13%
SPEU	SPDR Portfolio Europe ETF	-2.05%
NUDM	Nuveen ESG International Developed Markets Equity ETF	-2.02%
PIZ	Invesco Dorsey Wright Developed Markets Momentum ETF	-2.01%
FDD	First Trust Stoxx European Select Dividend Index Fund	-1.94%

Developed ex-U.S. Most Oversold

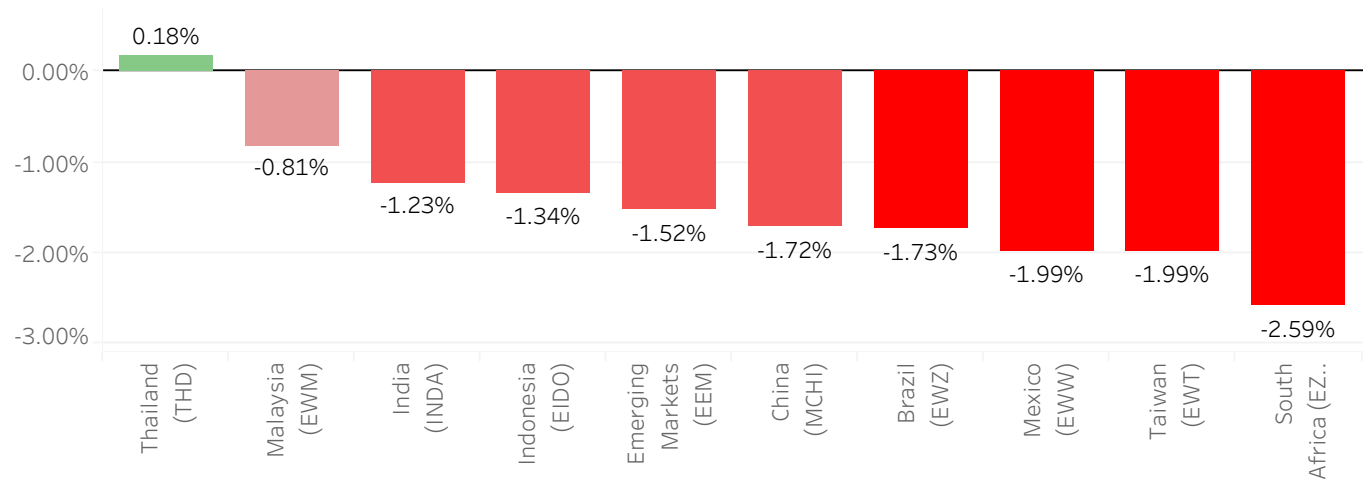
Ticker	Fund	Value
ISRA	VanEck Israel ETF	20.59
EIS	iShares MSCI Israel ETF	23.69
EFAD	ProShares MSCI EAFE Dividend Growers ETF	30.13
GWX	SPDR S&P International Small Cap ETF	31.28
PDN	Invesco FTSE RAFI Developed Markets ex-US Small-..	31.57
SCZ	iShares MSCI EAFE Small-Cap ETF	32.26
FNDG	Schwab Fundamental International Small Co. Index ..	32.65
ISCF	iShares International SmallCap Equity Factor ETF	32.83
SCHC	Schwab International Small-Cap Equity ETF	33.60
SCJ	iShares MSCI Japan Small-Cap ETF	33.82

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

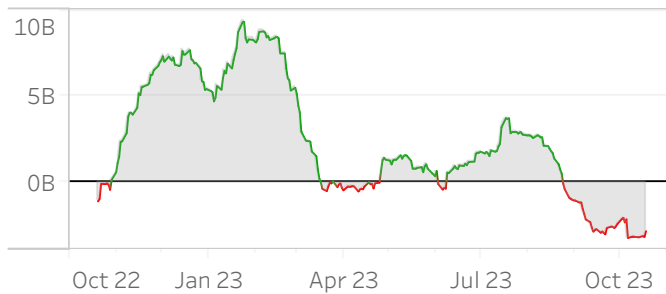
Emerging (EEM)



Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



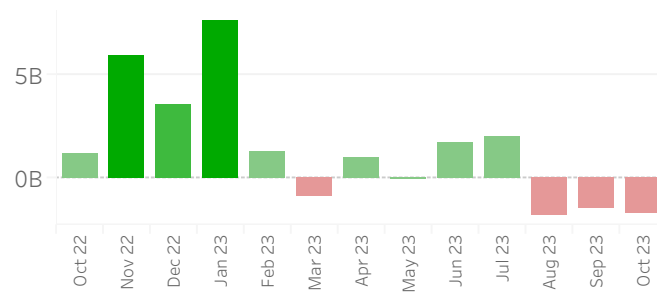
Emerging 1-Day Performance Leaders

Ticker	Fund	Performance
THD	iShares MSCI Thailand ETF	0.18%
EWM	iShares MSCI Malaysia ETF	-0.81%
EYLD	Cambria Emerging Shareholder Yield ETF	-0.82%
DGRE	WisdomTree Emerging Markets Quality Dividend Growth Fund	-0.86%
SMIN	iShares MSCI India Small Cap ETF	-0.86%
HEEM	iShares Currency Hedged MSCI Emerging Markets ETF	-0.88%
NFTY	First Trust India NIFTY 50 Equal Weight ETF	-0.90%
EPHE	iShares MSCI Philippines ETF	-0.93%
EELV	Invesco S&P Emerging Markets Low Volatility ETF	-0.94%
EPU	iShares MSCI Peru and Global Exposure ETF	-1.03%

Emerging Most Overbought

Ticker	Fund	Price
EPOL	iShares MSCI Poland ETF	64.22
SMIN	iShares MSCI India Small Cap ETF	53.00
GLIN	VanEck India Growth Leaders ETF	50.76
NFTY	First Trust India NIFTY 50 Equal Weight ETF	50.55
EPI	WisdomTree India Earnings Fund	49.51
EZA	iShares MSCI South Africa ETF	48.15
EPHE	iShares MSCI Philippines ETF	48.05
ARGT	Global X MSCI Argentina ETF	47.30
FRDM	Freedom 100 Emerging Markets ETF	47.26
INDA	iShares MSCI India ETF	46.74

Emerging Monthly Flows



Emerging 1-Day Performance Laggards

Ticker	Fund	Performance
EWZS	iShares MSCI Brazil Small-Cap ETF	-2.91%
FEMS	First Trust Emerging Markets Small Cap AlphaDEX Fund	-2.75%
TUR	iShares MSCI Turkey ETF	-2.73%
ECNS	iShares MSCI China Small-Cap ETF	-2.65%
EZA	iShares MSCI South Africa ETF	-2.59%
PIE	Invesco Dorsey Wright Emerging Markets Momentum E..	-2.58%
ECH	iShares MSCI Chile ETF	-2.35%
FEM	First Trust Emerging Markets AlphaDEX Fund	-2.24%
NUEM	Nuveen ESG Emerging Markets Equity ETF	-2.23%
EPOL	iShares MSCI Poland ETF	-2.23%

Emerging Most Oversold

Ticker	Fund	Price
EIDO	iShares MSCI Indonesia ETF	23.31
RAYC	Rayliant Quantamental China Equity ETF	29.73
FEMS	First Trust Emerging Markets Small Cap AlphaDEX F..	30.55
CNYA	iShares MSCI China A ETF	31.23
FEM	First Trust Emerging Markets AlphaDEX Fund	31.68
KBA	KraneShares Bosera MSCI China A 50 Connect Index ..	32.06
VNM	VanEck Vietnam ETF	32.24
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	32.49
DGS	WisdomTree Emerging Markets SmallCap Dividend F..	32.57
ECOW	Pacer Emerging Markets Cash Cows 100 ETF	33.34

*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	-0.47%	-3.51%	-2.89%
SHY	1-3 Year Treasury Bonds	0.00%	0.02%	1.54%
IEF	7-10 Year Treasury Bonds	-0.47%	-3.81%	-4.68%
TLT	20+ Year Treasury Bonds	-0.88%	-9.32%	-13.02%
TIP	TIPS Bonds	-0.21%	-2.41%	-1.57%
FLOT	Floating Rate Bonds	0.00%	0.39%	5.08%
LQD	Investment Grade Corporate	-0.80%	-4.87%	-3.10%
HYG	High Yield Corporate	-0.48%	-3.04%	2.30%
BKLN	Senior Loan	0.00%	-0.47%	9.26%
PFF	Preferred & Income Securities	-0.38%	-5.96%	-1.50%
MUB	Municipal Bonds	-0.19%	-2.88%	-1.82%
MBB	MBS	-0.65%	-4.72%	-4.68%
EMB	Dollar Denominated EM Bonds	-0.64%	-4.55%	-1.50%
LEMB	Local Currency EM Bond	-0.64%	-4.16%	-1.38%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	0.96%	-1.48%	-3.29%
DBE	Energy	1.30%	-3.14%	3.31%
USO	WTI Crude Oil	1.32%	-1.98%	13.88%
BNO	Brent Crude Oil	1.14%	-1.85%	12.59%
UNG	Natural Gas	0.00%	3.31%	-49.08%
UGA	Gasoline	2.39%	-10.95%	10.47%
DBP	Precious Metals	1.19%	0.36%	3.76%
GLD	Gold	1.45%	0.83%	6.62%
SLV	Silver	0.14%	-1.64%	-4.86%
PPLT	abrdn Physical Platin..	-1.33%	-5.10%	-17.66%
PALL	abrdn Physical Palla..	-0.45%	-8.90%	-36.60%
DBB	Base Metals	0.06%	-3.27%	-7.30%
CPER	Copper	0.11%	-4.74%	-3.75%
DBA	Agriculture	0.27%	-1.17%	8.78%
CORN	Corn	0.62%	4.12%	-15.63%
SOYB	Soybeans	0.77%	0.33%	-2.88%
WEAT	Wheat	1.56%	0.00%	-26.69%
CANE	Sugar	-0.07%	0.53%	59.50%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	0.37%	1.87%	7.59%
UDN	Short Dollar	-0.54%	-1.19%	-1.08%
FXE	Euro	-0.46%	-1.27%	-0.39%
FXB	British Pound Sterling	-0.27%	-1.62%	2.83%
FXF	Swiss Franc	0.13%	-0.17%	2.56%
FXJ	Japanese Yen	-0.03%	-1.45%	-12.84%
FXC	Canadian Dollar	-0.40%	-1.32%	0.47%
FXA	Australian Dollar	-0.42%	-1.43%	-6.13%

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