

Large Cap Blend (S&P 500) IVV



Mid Cap Blend (S&P 400) IJH

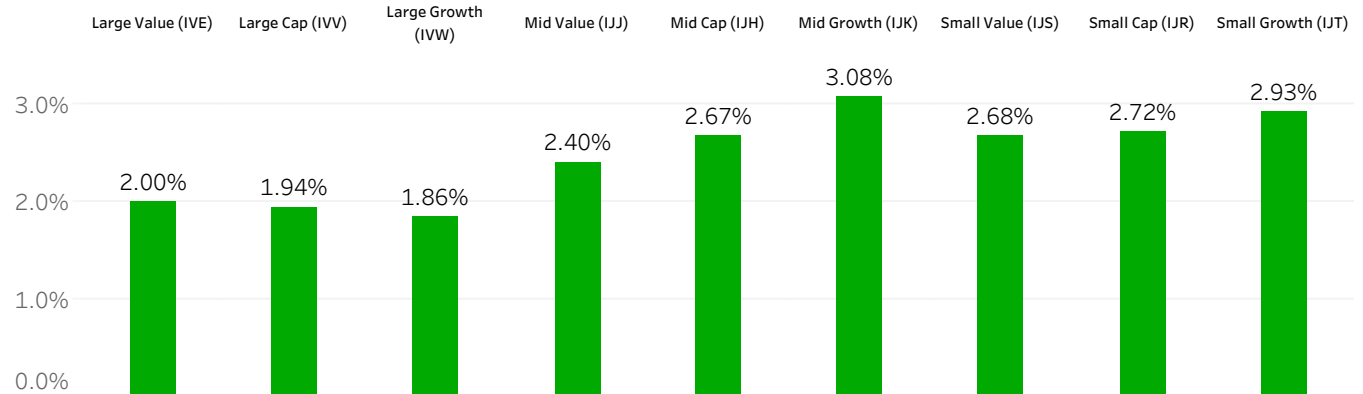


Small Cap Blend (S&P 600) IJR



■ 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
QVAL	Alpha Architect U.S. Quantitative Value ETF	4.44%
QMOM	Alpha Architect U.S. Quantitative Momentum ETF	4.28%
RFG	Invesco S&P Midcap 400 Pure Growth ETF	3.97%
DWAS	Invesco DWA SmallCap Momentum ETF	3.92%
COWZ	Pacer US Cash Cows 100 ETF	3.76%
MOAT	VanEck Morningstar Wide Moat ETF	3.74%
AIEQ	AI Powered Equity ETF	3.72%
FFTY	Innovator IBD 50 ETF	3.67%
IWC	iShares Micro-Cap ETF	3.66%
VTWG	Vanguard Russell 2000 Growth ETF	3.63%

Size & Style Most Overbought

Ticker	Fund	Price
PTLC	Pacer Trendpilot US Large Cap ETF	64.26
LSAT	Leadershires Alphafactor Tactical Focused ETF	52.61
SPC	CrossingBridge Pre-Merger SPAC ETF	49.05
QMOM	Alpha Architect U.S. Quantitative Momentum ETF	43.31
ONOF	Global X Adaptive U.S. Risk Management ETF	42.44
QVAL	Alpha Architect U.S. Quantitative Value ETF	41.42
QQXT	First Trust Nasdaq-100 Ex-Technology Sector Index Fund	41.30
IPO	Renaissance IPO ETF	40.91
RFG	Invesco S&P Midcap 400 Pure Growth ETF	40.30
IWO	iShares Russell 2000 Growth ETF	40.26

Size & Style 1-Day Performance Laggards

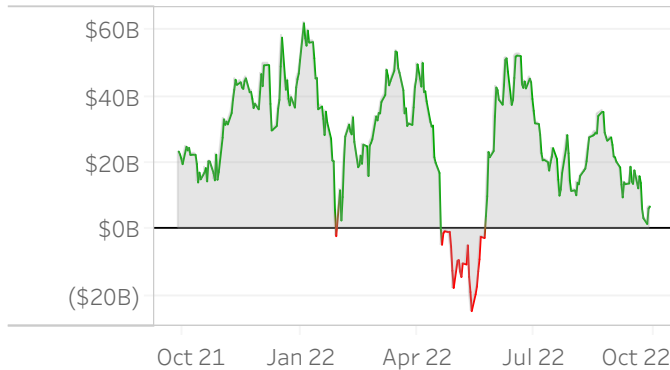
Ticker	Fund	Performance
ACSI	American Customer Satisfaction ETF	-4.89%
QVMS	Invesco S&P SmallCap 600 QVM Multi-factor ETF	-0.96%
PTMC	Pacer Trendpilot US Mid Cap ETF	-0.16%
ONOF	Global X Adaptive U.S. Risk Management ETF	-0.08%
SPC	CrossingBridge Pre-Merger SPAC ETF	-0.07%
PTLC	Pacer Trendpilot US Large Cap ETF	-0.03%
RPHS	Regents Park Hedged Market Strategy ETF	0.00%
LSAT	Leadershires Alphafactor Tactical Focused ETF	0.11%
SIXL	ETC 6 Meridian Low Beta Equity ETF	0.44%
PTNQ	Pacer Trendpilot 100 ETF	0.52%

Size & Style Most Oversold

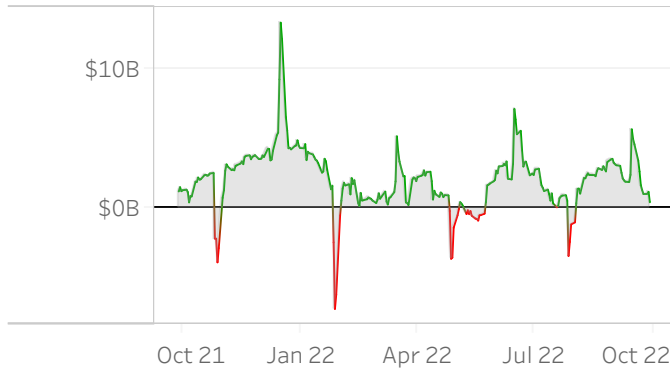
Ticker	Fund	Price
QVMS	Invesco S&P SmallCap 600 QVM Multi-factor ETF	8.85
GUSA	Goldman Sachs MarketBeta U.S. 1000 Equity ETF	21.31
USNZ	Xtrackers Net Zero Pathway Paris Aligned US Equity..	25.56
QVML	Invesco S&P 500 QVM Multi-factor ETF	26.85
PTMC	Pacer Trendpilot US Mid Cap ETF	27.37
SIXL	ETC 6 Meridian Low Beta Equity ETF	27.76
XSLV	Invesco S&P SmallCap Low Volatility ETF	29.19
DIVZ	TrueShares Low Volatility Equity Income ETF	29.27
ACSI	American Customer Satisfaction ETF	29.98
SPHD	Invesco S&P 500 High Dividend Low Volatility ETF	30.03

\*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 Growth, Beta	25	\$1,116B	\$4.82B	\$17.37B	\$23.58B	\$110.64B
Large Cap, Beta Growth, Beta: Growth	10	\$207B	(\$0.42B)	\$4.58B	\$9.94B	\$14.92B
Large Cap, Beta Growth, Beta: Value	11	\$197B	\$0.16B	\$1.08B	\$4.62B	\$25.00B
Mid Cap, Beta, Beta	10	\$159B	\$0.18B	\$2.31B	\$4.83B	\$12.92B
Mid Cap, Beta, Beta: Growth	6	\$29B	(\$0.30B)	\$0.52B	\$0.67B	\$0.96B
Mid Cap, Beta, Beta: Value	6	\$36B	(\$0.27B)	\$0.03B	(\$0.60B)	\$1.16B
Small Cap, Beta, Beta	13	\$171B	(\$0.72B)	\$0.97B	(\$3.56B)	\$5.36B
Small Cap, Beta, Beta: Growth	7	\$28B	(\$0.08B)	(\$0.26B)	\$0.25B	\$0.97B
Small Cap, Beta, Beta: Value	7	\$44B	\$0.02B	(\$1.96B)	(\$2.80B)	(\$2.76B)

U.S. Size & Style Flow Leaders

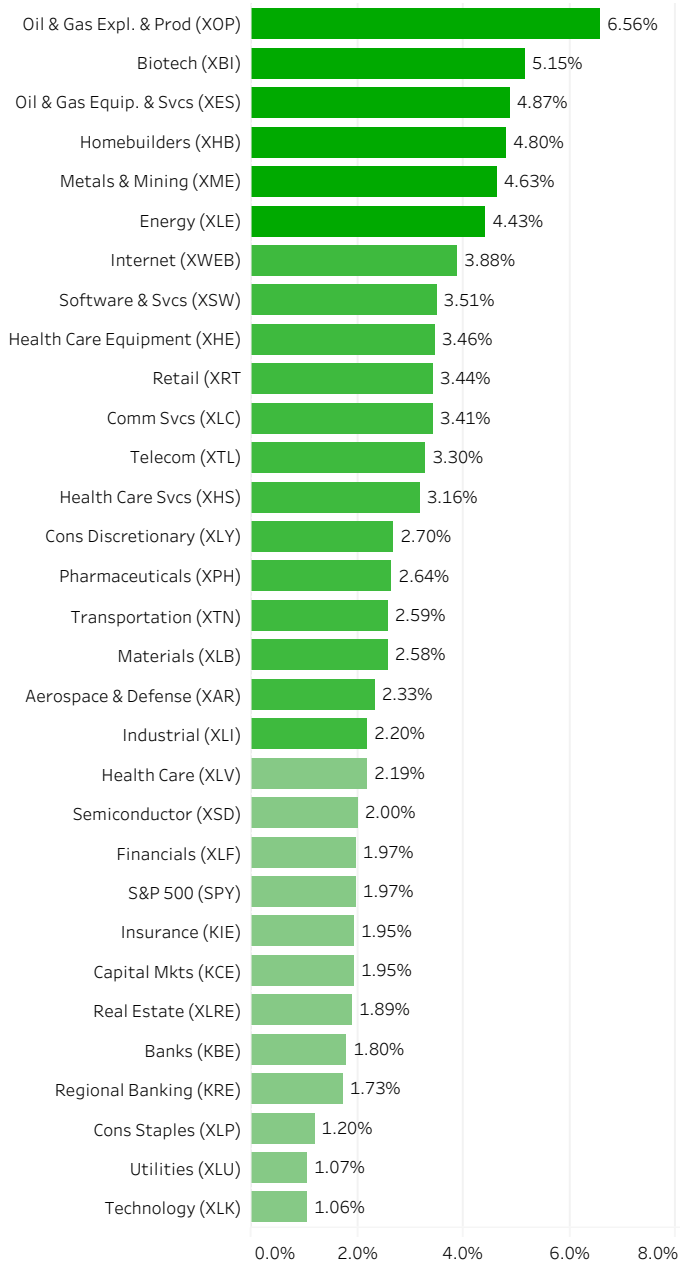
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
SPY	SPDR S&P 500 ETF Trust	\$3.73B	(\$2.87B)	(\$2.11B)	\$3.39B	\$330.98B
VOO	Vanguard S&P 500 ETF	\$1.38B	\$10.63B	\$12.59B	\$43.37B	\$247.09B
VTI	Vanguard Total Stock Market ETF	\$0.57B	\$6.25B	\$10.16B	\$32.05B	\$241.25B
USMV	iShares MSCI USA Min Vol Factor ETF	\$0.41B	\$2.62B	\$3.01B	\$2.74B	\$26.99B
IVV	iShares Core S&P 500 ETF	\$0.32B	\$5.41B	\$5.37B	\$36.01B	\$272.72B
SCHD	Schwab US Dividend Equity ETF	\$0.32B	\$3.61B	\$7.03B	\$12.03B	\$35.43B
ITOT	iShares Core S&P Total U.S. Stock Market ETF	\$0.23B	(\$0.25B)	\$3.69B	\$5.95B	\$39.29B
VONE	Vanguard Russell 1000 ETF	\$0.22B	\$0.26B	\$0.46B	\$0.66B	\$2.75B
VYM	Vanguard High Dividend Yield Index ETF	\$0.20B	\$1.70B	\$5.12B	\$9.17B	\$43.04B
SCHX	Schwab U.S. Large-Cap ETF	\$0.16B	\$1.01B	(\$0.39B)	\$0.96B	\$26.90B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
QQQ	Invesco QQQ Trust	(\$0.93B)	\$0.56B	\$1.89B	\$14.07B	\$150.09B
IWM	iShares Russell 2000 ETF	(\$0.48B)	(\$1.64B)	(\$2.76B)	(\$3.99B)	\$47.66B
RSP	Invesco S&P 500 Equal Weight ETF	(\$0.28B)	\$0.02B	\$0.22B	\$4.08B	\$27.68B
MDYV	SPDR S&P 400 Mid Cap Value ETF	(\$0.27B)	\$0.17B	(\$0.43B)	\$0.31B	\$1.49B
MDYG	SPDR S&P 400 Mid Cap Growth ETF	(\$0.25B)	\$0.12B	\$0.05B	\$0.07B	\$1.33B
VUG	Vanguard Growth ETF	(\$0.20B)	\$2.15B	\$4.90B	\$7.34B	\$67.72B
IJR	iShares Core S&P Small Cap ETF	(\$0.18B)	\$2.61B	\$0.48B	\$5.53B	\$59.92B
DIA	SPDR Dow Jones Industrial Average ETF Trust	(\$0.18B)	(\$0.05B)	(\$0.42B)	\$0.86B	\$25.26B
QUAL	iShares MSCI USA Quality Factor ETF	(\$0.11B)	(\$1.39B)	(\$1.29B)	(\$1.84B)	\$16.70B
RDVY	First Trust Rising Dividend Achievers ETF	(\$0.10B)	(\$0.26B)	(\$0.36B)	\$3.52B	\$7.37B

\* 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)
XLU	Utilities Select Sector SPDR Fund	-10.92%	8.19%	-6.60%	-2.92%	31.05
XLV	Health Care Select Sector SPDR Fund	-13.30%	3.29%	-3.94%	-5.56%	42.84
XLP	Consumer Staples Select Sector SPDR Fund	-14.30%	1.20%	-6.22%	-7.53%	31.25
XLI	Industrial Select Sector SPDR Fund	-20.26%	2.20%	-8.75%	-11.33%	32.58
XLE	Energy Select Sector SPDR Fund	-21.33%	36.96%	-6.05%	-2.42%	40.47
SPY	SPDR S&P 500 ETF Trust	-22.44%	1.97%	-7.78%	-11.69%	34.93
XLB	Materials Select Sector SPDR Fund	-23.62%	2.81%	-8.99%	-15.36%	34.98
XLF	Financial Select Sector SPDR Fund	-25.08%	1.97%	-7.28%	-13.11%	34.32
XLY	Consumer Discretionary Select Sector SPDR Fund	-28.81%	11.80%	-5.96%	-9.94%	41.35
XLRE	Real Estate Select Sector SPDR Fund	-29.26%	1.89%	-13.37%	-18.06%	25.53
XLK	Technology Select Sector SPDR Fund	-29.61%	1.19%	-10.17%	-14.48%	32.19
XLC	Communication Services Select Sector SPDR Fund	-39.49%	3.41%	-9.76%	-20.55%	35.60

### Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
PSCE	Invesco S&P SmallCap Energy ETF	6.85%
PXE	Invesco Dynamic Energy Exploration & Production ..	6.73%
PXI	Invesco DWA Energy Momentum ETF	6.68%
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	6.56%
AMZA	InfraCap MLP ETF	6.21%
IEO	iShares U.S. Oil & Gas Exploration & Production ETF	6.14%
FCG	First Trust Natural Gas ETF	5.93%
FTXN	First Trust Nasdaq Oil & Gas ETF	5.91%
FXN	First Trust Energy AlphaDEX Fund	5.30%
XBI	SPDR S&P BIOTECH ETF	5.15%

### Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
PJP	Invesco Dynamic Pharmaceuticals ETF	51.10
PBE	Invesco Dynamic Biotechnology & Genome ETF	48.83
XBI	SPDR S&P BIOTECH ETF	47.24
IBB	iShares Biotechnology ETF	45.75
ITB	iShares U.S. Home Construction ETF	44.93
FBT	First Trust NYSE Arca Biotechnology Index Fund	44.64
MLPA	Global X MLP ETF	43.61
IGN	iShares North American Tech-Multimedia Networking E..	43.54
XHS	SPDR S&P Health Care Services ETF	43.40
PXE	Invesco Dynamic Energy Exploration & Production ETF	43.12

### Sector & Industry 1 Day Performance Laggards

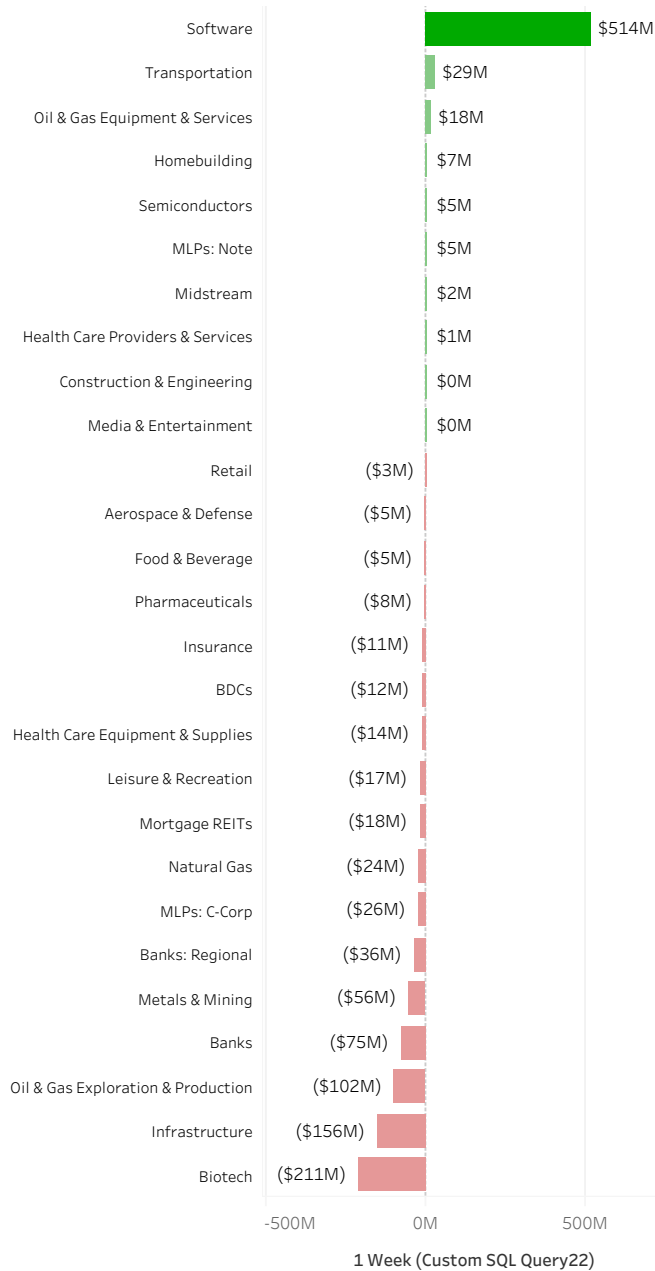
Ticker	Fund	1 Day Performance
RYU	Invesco S&P 500 Equal Weight Utilities ETF	1.03%
XLK	Technology Select Sector SPDR Fund	1.06%
SOXQ	Invesco PHLX Semiconductor ETF	1.06%
XLU	Utilities Select Sector SPDR Fund	1.07%
IYK	iShares U.S. Consumer Staples ETF	1.15%
IDU	iShares U.S. Utilities ETF	1.16%
VGT	Vanguard Information Technology ETF	1.16%
VPU	Vanguard Utilities ETF	1.16%
FUTY	Fidelity MSCI Utilities Index ETF	1.17%
PUI	Invesco DWA Utilities Momentum ETF	1.20%

### Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
REM	iShares Mortgage Real Estate ETF	19.08
MORT	VanEck Mortgage REIT Income ETF	21.43
KBWD	Invesco KBW High Dividend Yield Financial ETF	21.86
INDS	Pacer Benchmark Industrial Real Estate SCTR ETF	24.37
IYR	iShares U.S. Real Estate ETF	25.30
FREL	Fidelity MSCI Real Estate Index ETF	25.43
VNQ	Vanguard Real Estate ETF	25.46
USRT	iShares Core U.S. REIT ETF	25.51
XLRE	Real Estate Select Sector SPDR Fund	25.53
ICF	iShares Cohen & Steers REIT ETF	25.54

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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	8	\$11B	(\$111M)	(\$493M)	(\$934M)	(\$2,421M)
Consumer Discretionary	13	\$22B	(\$100M)	(\$540M)	(\$2,559M)	(\$4,726M)
Consumer Staples	11	\$26B	(\$362M)	\$957M	\$3,404M	\$7,037M
Energy	34	\$66B	\$458M	(\$2,582M)	(\$5,010M)	\$684M
Financials	27	\$53B	(\$602M)	(\$1,425M)	(\$16,252M)	(\$9,917M)
Health Care	24	\$84B	(\$338M)	\$1,183M	\$4,330M	\$10,748M
Industrial	14	\$25B	(\$343M)	(\$1,091M)	(\$3,599M)	(\$3,968M)
Materials	10	\$12B	(\$210M)	(\$2,642M)	(\$2,987M)	(\$1,602M)
Multi-Sector	19	\$12B	(\$155M)	(\$1,694M)	(\$3,056M)	(\$4,940M)
Real Estate	25	\$57B	(\$254M)	(\$1,114M)	(\$2,786M)	(\$1,301M)
Technology	24	\$101B	(\$285M)	(\$1,241M)	(\$310M)	\$668M
Utilities	10	\$26B	\$78M	\$2,192M	\$4,561M	\$5,841M

## U.S. Sector & Industry Flow Leaders

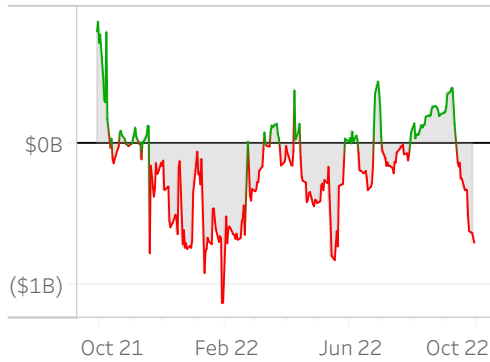
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLE	Energy Select Sector SPDR Fund	\$605M	(\$717M)	(\$1,663M)	(\$1,260M)	\$32,361M
IGV	iShares Expanded Tech-Software Sector ETF	\$516M	(\$37M)	\$238M	\$1,086M	\$4,218M
IYZ	iShares U.S. Telecommunications ETF	\$136M	\$144M	\$94M	\$192M	\$454M
XLU	Utilities Select Sector SPDR Fund	\$102M	\$1,498M	\$3,132M	\$3,752M	\$16,520M
IYR	iShares U.S. Real Estate ETF	\$86M	(\$119M)	(\$571M)	(\$2,638M)	\$3,697M
VFH	Vanguard Financials ETF	\$37M	(\$299M)	(\$1,627M)	(\$745M)	\$8,046M
VDE	Vanguard Energy ETF	\$36M	(\$207M)	(\$834M)	(\$201M)	\$6,916M
USRT	iShares Core U.S. REIT ETF	\$35M	\$7M	(\$88M)	(\$99M)	\$1,863M
IYT	iShares US Transportation ETF	\$30M	\$4M	(\$509M)	(\$583M)	\$759M
XHB	SPDR S&P Homebuilders ETF	\$28M	(\$96M)	(\$400M)	(\$448M)	\$811M

## U.S. Sector & Industry Flow Laggards

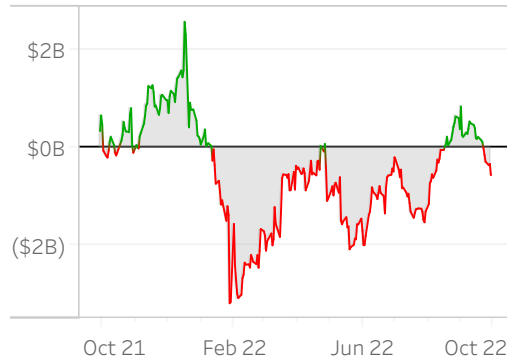
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLK	Technology Select Sector SPDR Fund	(\$551M)	(\$10M)	\$600M	\$1,944M	\$36,612M
XLF	Financial Select Sector SPDR Fund	(\$500M)	(\$869M)	(\$10,568M)	(\$5,477M)	\$27,357M
XLI	Industrial Select Sector SPDR Fund	(\$352M)	(\$926M)	(\$1,956M)	(\$3,802M)	\$11,319M
VNQ	Vanguard Real Estate ETF	(\$284M)	(\$784M)	(\$2,172M)	\$2M	\$32,878M
IBB	iShares Biotechnology ETF	(\$203M)	(\$70M)	(\$428M)	(\$238M)	\$7,273M
VGT	Vanguard Information Technology ETF	(\$192M)	(\$393M)	\$1,040M	\$1,057M	\$39,008M
VDC	Vanguard Consumer Staples ETF	(\$182M)	\$177M	\$112M	\$600M	\$6,193M
PAVE	Global X U.S. Infrastructure Development ETF	(\$152M)	(\$466M)	(\$1,027M)	(\$669M)	\$3,177M
XLP	Consumer Staples Select Sector SPDR Fund	(\$142M)	\$392M	\$1,021M	\$3,614M	\$14,827M
VOX	Vanguard Communication Services ETF	(\$138M)	(\$25M)	(\$219M)	(\$417M)	\$2,362M

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Communication Services



Consumer Discretionary



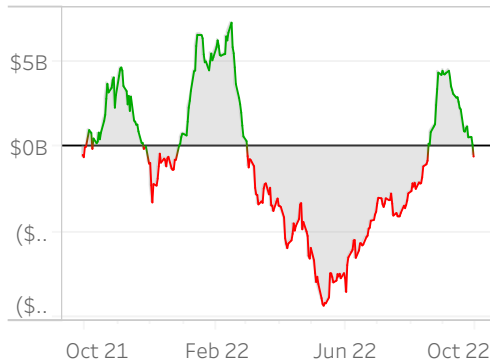
Consumer Staples



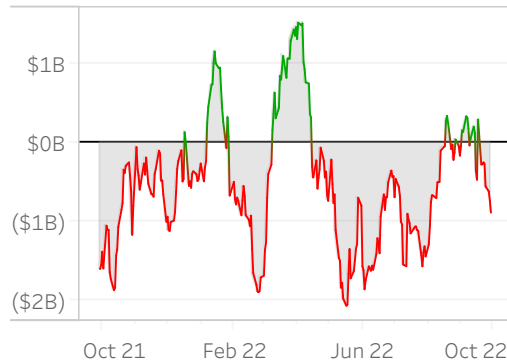
Energy



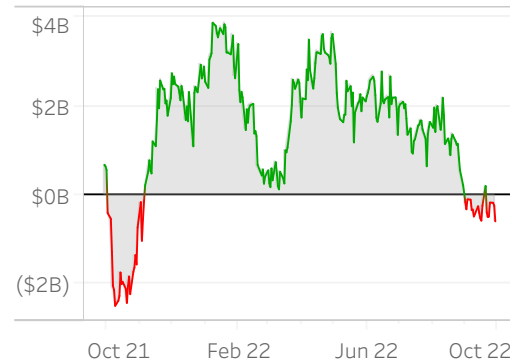
Financials



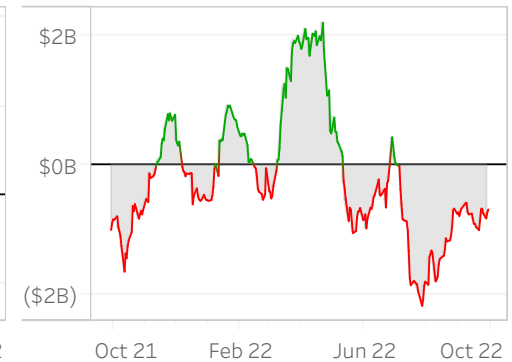
Industrial



Health Care



Materials



Real Estate



Technology



Utilities

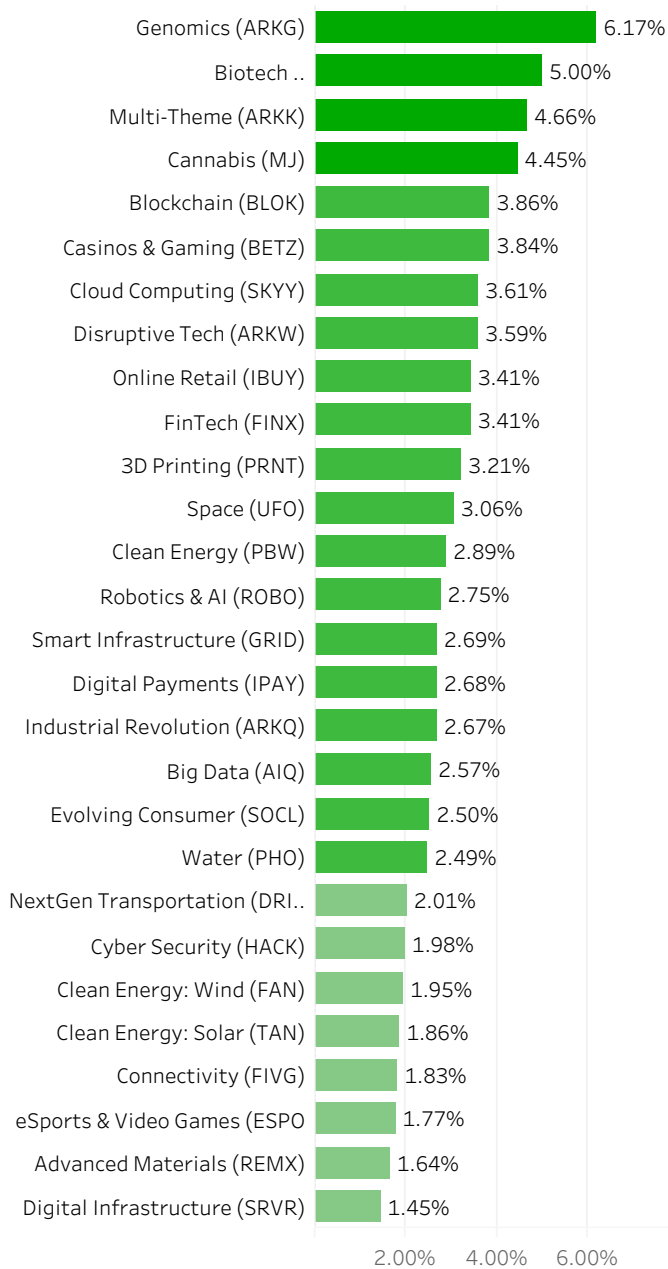


Multi-Sector

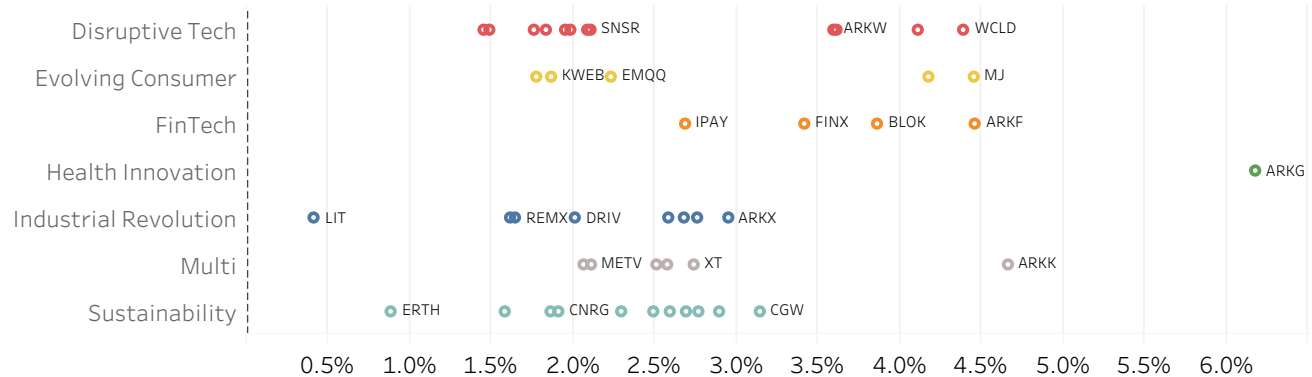


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### Global Thematic Segment 1-Day Performance



### Global Thematic 1-Day Performance Landscape



### Global Thematic 1-Day Performance Leaders

Ticker	Fund	Performance (%)
BKCH	Global X Blockchain ETF	6.42%
YOLO	AdvisorShares Pure Cannabis ETF	6.33%
ARKG	ARK Genomic Revolution ETF	6.17%
BITQ	Bitwise Crypto Industry Innovators ETF	5.36%
SBIO	ALPS Medical Breakthroughs ETF	5.00%
ARKK	ARK Innovation ETF	4.66%
GNOM	Global X Genomics & Biotechnology ETF	4.47%
ARKF	ARK Fintech Innovation ETF	4.45%
MJ	ETFMG Alternative Harvest ETF	4.45%
WCLD	WisdomTree Cloud Computing Fund	4.38%

### Thematic Most Overbought

Ticker	Fund	Value
SBIO	ALPS Medical Breakthroughs ETF	46.81
ARKG	ARK Genomic Revolution ETF	45.99
BTEC	Principal Healthcare Innovators ETF	45.43
CLOU	Global X Cloud Computing ETF	45.36
BJK	VanEck Gaming ETF	44.78
BKCH	Global X Blockchain ETF	44.02
ARKK	ARK Innovation ETF	43.68
WCLD	WisdomTree Cloud Computing Fund	43.48
GNOM	Global X Genomics & Biotechnology ETF	42.35
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	42.12

### Global Thematic 1-Day Performance Laggards

Ticker	Fund	Performance (%)
KGRN	KraneShares MSCI China Clean Technology Index ETF	-0.37%
LIT	Global X Lithium & Battery Tech ETF	0.41%
BLCN	Siren ETF Trust Siren Nasdaq NexGen Economy ETF	0.80%
KARS	KraneShares Electric Vehicles & Future Mobility Index ..	0.87%
ERTH	Invesco MSCI Sustainable Future ETF	0.88%
VPN	Global X Data Center REITs & Digital Infrastructure ETF	1.05%
HERO	Global X Video Games & Esports ETF	1.45%
SRVR	Pacer Benchmark Data & Infrastructure Real Estate S..	1.45%
NXTG	First Trust Indxx NextG ETF	1.48%
BATT	Amplify Lithium & Battery Technology ETF	1.52%

### Thematic Most Oversold

Ticker	Fund	Value
VPN	Global X Data Center REITs & Digital Infrastructure ETF	23.37
SRVR	Pacer Benchmark Data & Infrastructure Real Estate SCTR..	23.81
BLCN	Siren ETF Trust Siren Nasdaq NexGen Economy ETF	24.82
FAN	First Trust Global Wind Energy ETF	26.20
KGRN	KraneShares MSCI China Clean Technology Index ETF	26.77
NXTG	First Trust Indxx NextG ETF	27.85
MSOS	AdvisorShares Pure US Cannabis ETF	28.76
ERTH	Invesco MSCI Sustainable Future ETF	28.80
RNRG	Global X Funds Global X Renewable Energy Producers ETF	28.95
LEGR	First Trust Indxx Innovative Transaction & Process ETF	29.98

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## Thematic 1 Week Flow Leaders

Ticker	Fund	
ARKK	ARK Innovation ETF	\$44M
SKYY	First Trust Cloud Computing ETF	\$21M
TARK	AXS 2X Innovation ETF	\$16M
EVX	VanEck Environmental Services ETF	\$8M
IDRV	iShares Self-driving EV & Tech ETF	\$4M
FIW	First Trust Water ETF	\$4M
XITK	SPDR FactSet Innovative Technology ETF	\$3M
CNRG	SPDR S&P Kensho Clean Power ETF	\$3M
PBW	Invesco WilderHill Clean Energy ETF	\$2M
FMIL	Fidelity New Millennium ETF	\$2M

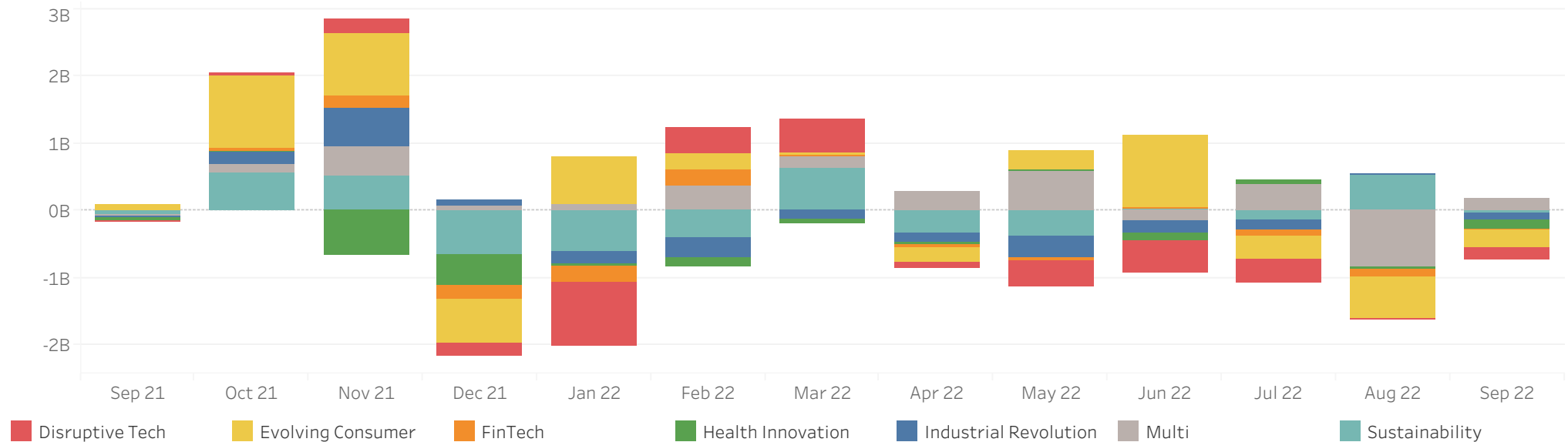
## Thematic 1 Week Flow Laggards

Ticker	Fund	
KWEB	KraneShares CSI China Internet ETF	(\$133M)
TAN	Invesco Solar ETF	(\$81M)
ARKG	ARK Genomic Revolution ETF	(\$40M)
LIT	Global X Lithium & Battery Tech ETF	(\$25M)
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	(\$24M)
ARKF	ARK Fintech Innovation ETF	(\$14M)
REMX	VanEck Rare Earth/Strategic Metals ETF	(\$13M)
ARKW	ARK Next Generation Internet ETF	(\$12M)
ICLN	iShares Global Clean Energy ETF	(\$11M)
SAMT	Strategas Macro Thematic Opportunities ETF	(\$7M)

## Thematic Landscape Assets & Flows

Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	35	\$16B	(\$9M)	(\$566M)	(\$1,422M)	(\$1,505M)
Evolving Consumer	47	\$9B	(\$119M)	(\$1,188M)	(\$13M)	\$2,348M
FinTech	24	\$3B	(\$11M)	(\$220M)	(\$296M)	(\$304M)
Health Innovation	19	\$3B	(\$25M)	(\$95M)	(\$175M)	(\$1,598M)
Industrial Revolution	32	\$11B	(\$44M)	(\$277M)	(\$905M)	(\$708M)
Multi	41	\$14B	\$59M	(\$329M)	\$597M	\$1,707M
Sustainability	41	\$18B	(\$51M)	\$300M	(\$348M)	(\$353M)
Grand Total	239	\$74B	(\$201M)	(\$2,376M)	(\$2,562M)	(\$412M)

## Thematic Monthly Flows



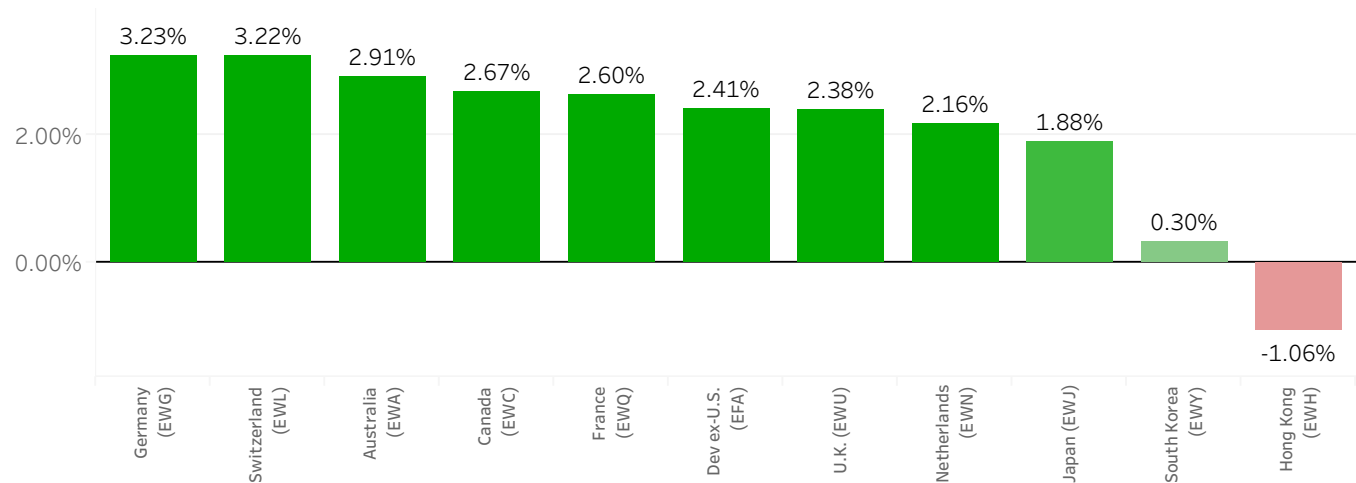
\* ETF Landscape represented using the ETF Action classification system\*\*Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify \*\*\*Flows delayed one day



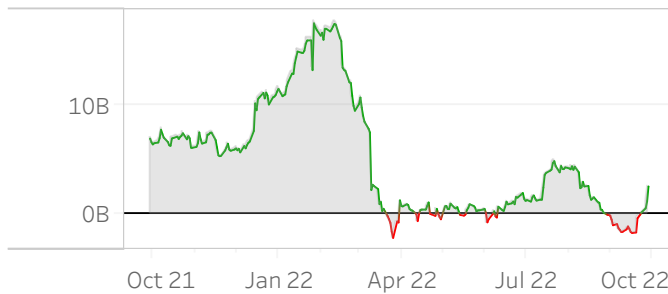
Developed ex-U.S. (EFA)



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



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



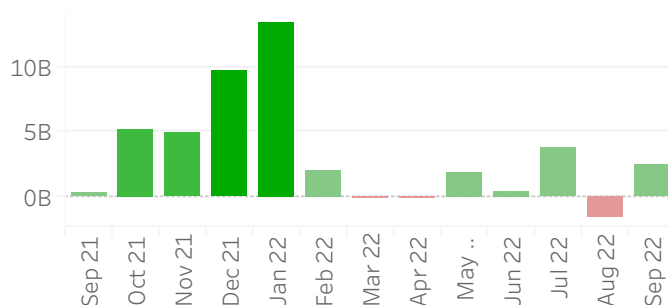
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
PBDM	Invesco PureBeta FTSE Developed ex-North America ETF	4.29%
IQDG	WisdomTree International Quality Dividend Growth Fund	3.52%
EWD	iShares MSCI Sweden ETF	3.49%
EWG	iShares MSCI Germany ETF	3.23%
EWL	iShares MSCI Switzerland ETF	3.22%
EWA	iShares MSCI Australia ETF	2.91%
IDHQ	Invesco S&P International Developed High Quality ETF	2.89%
FLCA	Franklin FTSE Canada ETF	2.86%
EFG	iShares MSCI EAFE Growth ETF	2.85%
ISVL	iShares International Developed Small Cap Value Factor ETF	2.85%

Developed ex-U.S. Most Overbought

Ticker	Fund	Value
PTIN	Pacer Trendpilot International ETF	48.81
DFJ	WisdomTree Japan SmallCap Dividend Fund	40.93
SCJ	iShares MSCI Japan Small-Cap ETF	38.23
PBDM	Invesco PureBeta FTSE Developed ex-North America ETF	38.14
HEWJ	iShares Currency Hedged MSCI Japan ETF	38.00
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	37.74
IHDG	WisdomTree International Hedged Quality Dividend Grow..	37.24
EWI	iShares MSCI Italy ETF	37.21
FLCA	Franklin FTSE Canada ETF	36.41
EWC	iShares MSCI Canada ETF	36.04

Developed ex-U.S. Monthly Flows



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

Ticker	Fund	1-Day Performance
EWH	iShares MSCI Hong Kong ETF	-1.06%
NORW	Global X MSCI Norway ETF	-0.68%
PTIN	Pacer Trendpilot International ETF	0.05%
EWY	iShares MSCI South Korea ETF	0.30%
AIA	iShares Asia 50 ETF	0.48%
AAXJ	iShares MSCI All Country Asia ex Japan ETF	0.53%
EWS	iShares MSCI Singapore ETF	0.58%
CIL	VictoryShares International Volatility Wtd ETF	0.77%
DDLS	WisdomTree Dynamic Currency Hedged International Sma..	0.85%
DBEU	Xtrackers MSCI Europe Hedged Equity ETF	0.86%

Developed ex-U.S. Most Oversold

Ticker	Fund	Value
EWH	iShares MSCI Hong Kong ETF	22.31
EWY	iShares MSCI South Korea ETF	23.45
NORW	Global X MSCI Norway ETF	23.57
IDLV	Invesco S&P International Developed Low Volatility ..	23.87
IDV	iShares International Select Dividend ETF	24.00
DIM	WisdomTree International MidCap Dividend Fund	24.48
DDLS	WisdomTree Dynamic Currency Hedged International..	26.22
AIVI	WisdomTree International AI Enhanced Value Fund	26.30
AAXJ	iShares MSCI All Country Asia ex Japan ETF	26.38
DFE	WisdomTree Europe SmallCap Dividend Fund	26.69

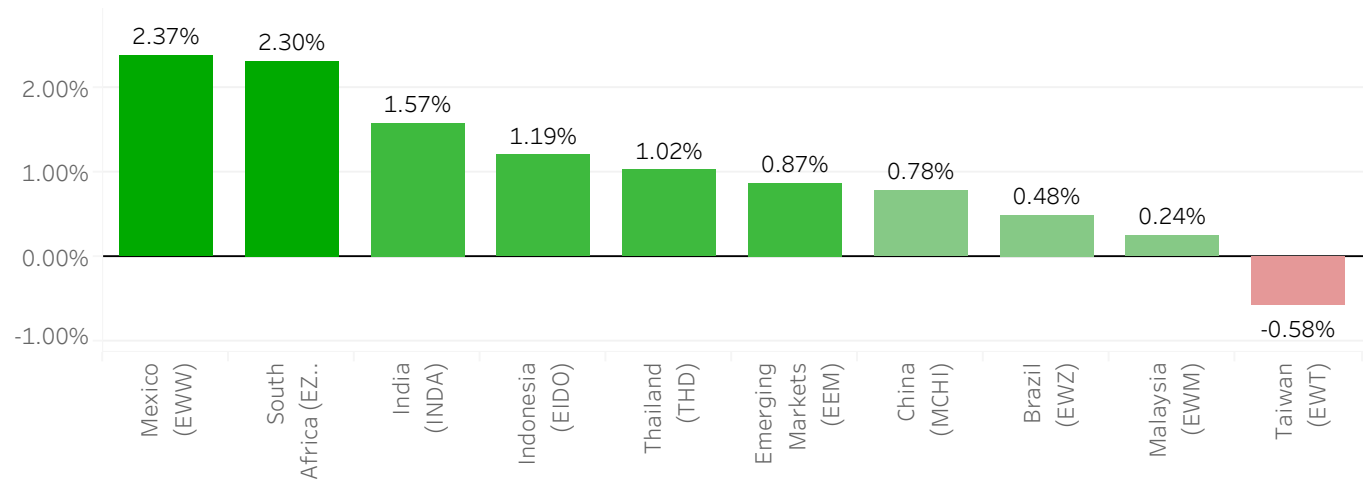
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Emerging (EEM)



Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



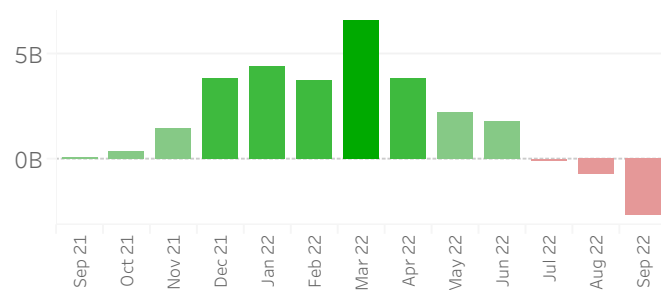
Emerging 1-Day Performance Leaders

Ticker	Fund	Performance
EPU	iShares MSCI Peru ETF	4.22%
QAT	iShares MSCI Qatar ETF	2.80%
KSA	iShares MSCI Saudi Arabia ETF	2.78%
EWW	iShares MSCI Mexico ETF	2.37%
EZA	iShares MSCI South Africa ETF	2.30%
EPOL	iShares MSCI Poland ETF	2.15%
FNI	First Trust Chindia ETF	1.93%
SMIN	iShares MSCI India Small Cap ETF	1.87%
ECH	iShares MSCI Chile ETF	1.79%
PIN	Invesco India ETF	1.74%

Emerging Most Overbought

Ticker	Fund	Value
EIDO	iShares MSCI Indonesia ETF	47.31
TUR	iShares MSCI Turkey ETF	46.55
EWW	iShares MSCI Mexico ETF	46.04
EPU	iShares MSCI Peru ETF	42.65
ILF	iShares Latin America 40 ETF	42.36
EWZ	iShares MSCI Brazil ETF	41.45
SMIN	iShares MSCI India Small Cap ETF	41.05
FLBR	Franklin FTSE Brazil ETF	41.01
QAT	iShares MSCI Qatar ETF	40.41
FLLA	Franklin FTSE Latin America ETF	40.38

Emerging Monthly Flows



Emerging 1-Day Performance Laggards

Ticker	Fund	Performance
TUR	iShares MSCI Turkey ETF	-1.45%
FEMS	First Trust Emerging Markets Small Cap AlphaDEX Fund	-0.80%
EWT	iShares MSCI Taiwan ETF	-0.58%
EDIV	SPDR S&P Emerging Markets Dividend ETF	-0.49%
RAYC	Rayliant Quantamental China Equity ETF	-0.46%
EPHE	iShares MSCI Philippines ETF	-0.39%
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	-0.25%
PIE	Invesco DWA Emerging Markets Momentum ETF	-0.24%
CNYA	iShares MSCI China A ETF	-0.23%
FEM	First Trust Emerging Markets AlphaDEX Fund	-0.05%

Emerging Most Oversold

Ticker	Fund	Value
EDIV	SPDR S&P Emerging Markets Dividend ETF	15.75
EPHE	iShares MSCI Philippines ETF	18.14
VNM	VanEck Vietnam ETF	21.44
DFEV	Dimensional Emerging Markets Value ETF	21.69
FM	iShares MSCI Frontier and Select EM ETF	21.71
DGS	WisdomTree Emerging Markets SmallCap Dividend F..	21.79
EWM	iShares MSCI Malaysia ETF	21.79
EWT	iShares MSCI Taiwan ETF	21.88
DVYE	iShares Emerging Markets Dividend ETF	21.89
PIE	Invesco DWA Emerging Markets Momentum ETF	22.41

\*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	1.61%	-4.26%	-13.72%
SHY	1-3 Year Treasury Bonds	0.43%	-1.10%	-4.32%
IEF	7-10 Year Treasury Bonds	2.25%	-5.01%	-15.03%
TLT	20+ Year Treasury Bonds	3.35%	-7.98%	-28.63%
TIP	TIPS Bonds	1.77%	-6.13%	-12.07%
FLOT	Floating Rate Bonds	-0.12%	0.29%	-0.14%
LQD	Investment Grade Corporate	2.01%	-6.61%	-20.45%
HYG	High Yield Corporate	1.79%	-4.03%	-14.05%
BKLN	Senior Loan	0.25%	-2.45%	-5.11%
PFF	Preferred & Income Securities	1.36%	-4.70%	-16.42%
MUB	Municipal Bonds	0.12%	-3.07%	-10.52%
MBB	MBS	1.87%	-4.72%	-12.57%
EMB	Dollar Denominated EM Bonds	2.40%	-6.52%	-23.80%
LEMB	Local Currency EM Bond	1.22%	-4.08%	-16.75%

### Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	2.64%	-10.31%	16.45%
DBE	Energy	3.43%	-11.29%	36.12%
USO	WTI Crude Oil	4.21%	-11.50%	23.49%
BNO	Brent Crude Oil	3.68%	-9.58%	34.58%
UNG	Natural Gas	2.90%	-24.70%	92.87%
UGA	Gasoline	3.47%	-6.17%	33.18%
DBP	Precious Metals	2.34%	-3.62%	-12.46%
GLD	Gold	2.08%	-4.37%	-9.52%
SLV	Silver	3.25%	0.52%	-18.87%
PPLT	Global X Physical Pla..	2.54%	0.74%	-10.21%
PALL	abrdn Physical Palla..	3.91%	2.14%	13.55%
DBB	Base Metals	2.00%	-11.96%	-19.68%
CPER	Copper	2.93%	-8.20%	-25.14%
LD	Lead	6.00%	-13.28%	-21.72%
JJN	Nickel	0.98%	1.14%	6.14%
JJU	Aluminum	1.35%	-14.20%	-23.99%
JJT	Tin	0.19%	-14.99%	-44.81%
DBA	Agriculture	0.85%	-2.99%	1.97%
CORN	Corn	0.49%	0.00%	24.28%
SOYB	Soybeans	0.45%	-2.94%	17.41%
WEAT	Wheat	3.55%	8.13%	22.33%
CANE	Sugar	0.46%	-3.54%	-5.11%
BAL	Cotton	-0.29%	-25.19%	-5.04%
NIB	Cocoa	0.35%	-5.52%	-17.26%
JO	Coffee	1.90%	-4.20%	3.92%

### Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	-1.30%	3.91%	18.10%
UDN	Short Dollar	1.43%	-3.65%	-15.76%
FXE	Euro	1.39%	-2.38%	-15.07%
FXB	British Pound Sterling	1.50%	-7.26%	-19.58%
FXF	Swiss Franc	1.66%	-1.06%	-7.34%
FXJ	Japanese Yen	0.48%	-4.65%	-20.41%
FXC	Canadian Dollar	0.77%	-4.23%	-7.31%
FXA	Australian Dollar	1.25%	-5.45%	-10.56%

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