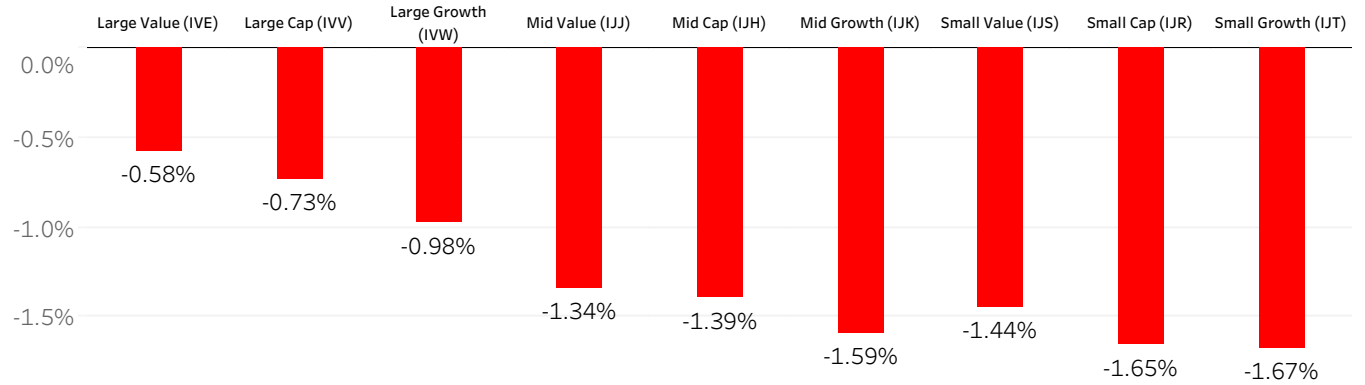


### Large Cap Blend (S&P 500) IVV



### U.S. Size & Style 1-Day Performance



### Mid Cap Blend (S&P 400) IJH



### Size & Style 1-Day Performance Leaders

Ticker	Fund	Performance
DVOL	First Trust Dorsey Wright Momentum & Low Volatility E..	0.84%
HUSV	First Trust Horizon Managed Volatility Domestic ETF	0.55%
ALTL	Pacer Lunt Large Cap Alternator ETF	0.51%
SPLV	Invesco S&P 500 Low Volatility ETF	0.50%
XRLV	Invesco S&P 500 ex-Rate Sensitive Low Volatility ETF	0.47%
VFMO	Vanguard U.S. Momentum Factor ETF	0.42%
LGLV	SPDR SSGA US Large Cap Low Volatility Index ETF	0.26%
AUSF	Global X Adaptive U.S. Factor ETF	0.16%
LSAT	Leadershares Alphafactor Tactical Focused ETF	0.11%
PTMC	Pacer Trendpilot US Mid Cap ETF	0.09%

### Size & Style Most Overbought

Ticker	Fund	Price
PTLC	Pacer Trendpilot US Large Cap ETF	77.55
SPC	CrossingBridge Pre-Merger SPAC ETF	70.62
DEIF	Sterling Capital Diverse Multi-Manager Active ETF	70.09
DJD	Invesco Dow Jones Industrial Average Dividend ETF	68.12
ONOF	Global X Adaptive U.S. Risk Management ETF	66.48
EDOW	First Trust Dow 30 Equal Weight ETF	65.86
DIA	SPDR Dow Jones Industrial Average ETF Trust	65.72
PWC	Invesco Dynamic Market ETF	65.67
VSDA	VictoryShares Dividend Accelerator ETF	64.94
DURA	VanEck Durable High Dividend ETF	64.85

### Small Cap Blend (S&P 600) IJR



### Size & Style 1-Day Performance Laggards

Ticker	Fund	Performance
IPO	Renaissance IPO ETF	-4.46%
BUZZ	VanEck Social Sentiment ETF	-3.28%
SPHB	Invesco S&P 500 High Beta ETF	-2.75%
AIEQ	AI Powered Equity ETF	-2.75%
QVAL	Alpha Architect U.S. Quantitative Value ETF	-2.63%
PSC	Principal U.S. Small-Cap Multi-Factor ETF	-2.58%
JSML	Janus Henderson Small Cap Growth Alpha ETF	-2.46%
QQQ	Invesco NASDAQ Next Gen 100 ETF	-2.27%
VBK	Vanguard Small-Cap Growth ETF	-2.26%
ISCG	iShares Morningstar Small-Cap Growth ETF	-2.23%

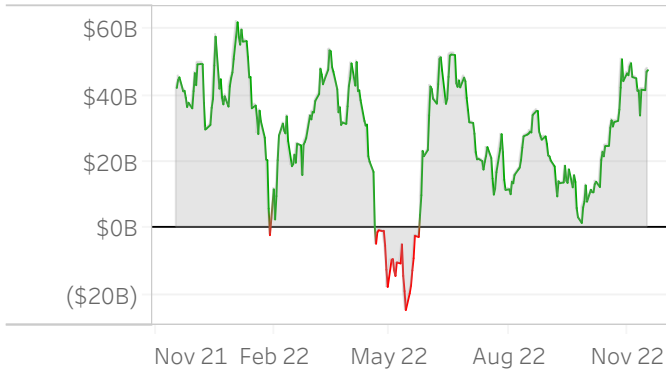
### Size & Style Most Oversold

Ticker	Fund	Price
GUSA	Goldman Sachs MarketBeta U.S. 1000 Equity ETF	24.34
LSAT	Leadershares Alphafactor Tactical Focused ETF	47.88
FFTY	Innovator IBD 50 ETF	48.82
WBIG	WBI BullBear Yield 3000 ETF	49.29
IPO	Renaissance IPO ETF	49.39
FPX	First Trust US Equity Opportunities ETF	51.14
QMOM	Alpha Architect U.S. Quantitative Momentum ETF	51.59
RUFF	Alpha Dog ETF	51.79
AIEQ	AI Powered Equity ETF	52.74
PTMC	Pacer Trendpilot US Mid Cap ETF	53.24

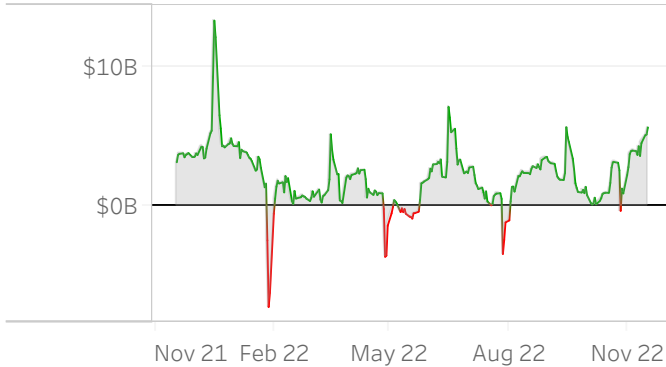
■ Closing Price    
 ■ 50 Day Moving Average    
 ■ 200 Day Moving Average

\* 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 Growth, Beta	25	\$1,253B	\$13.23B	\$39.15B	\$83.20B	\$116.37B
Large Cap, Beta Growth, Beta: Growth	10	\$224B	\$1.36B	\$3.68B	\$14.37B	\$19.91B
Large Cap, Beta Growth, Beta: Value	11	\$226B	(\$0.68B)	\$4.08B	\$6.58B	\$23.32B
Mid Cap, Beta, Beta	10	\$184B	\$0.42B	\$3.97B	\$6.53B	\$14.19B
Mid Cap, Beta, Beta: Growth	6	\$34B	\$0.34B	\$0.12B	\$1.64B	\$1.11B
Mid Cap, Beta, Beta: Value	6	\$41B	\$0.19B	\$1.27B	\$1.87B	\$1.65B
Small Cap, Beta, Beta	13	\$198B	\$1.61B	\$2.99B	\$2.43B	\$3.99B
Small Cap, Beta, Beta: Growth	7	\$32B	\$0.05B	\$0.04B	\$0.88B	\$1.60B
Small Cap, Beta, Beta: Value	7	\$51B	\$0.12B	\$0.67B	\$0.96B	(\$2.18B)

### U.S. Size & Style Flow Leaders

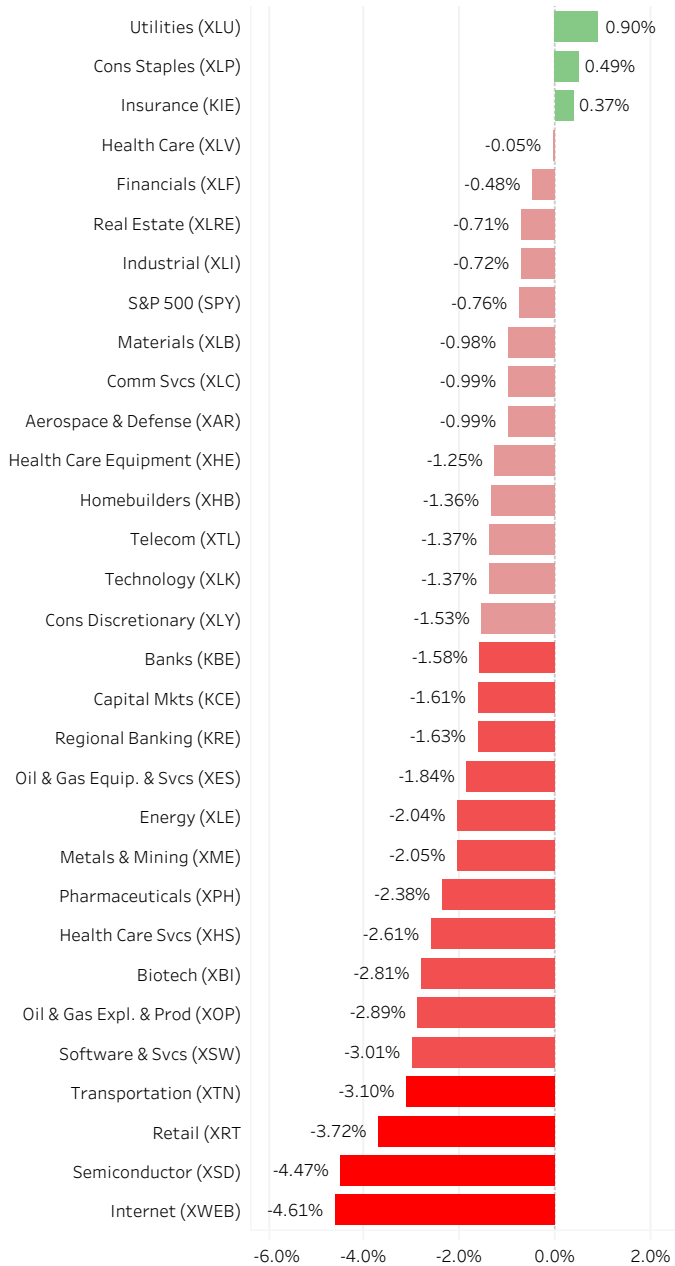
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
SPY	SPDR S&P 500 ETF Trust	\$7.72B	\$14.67B	\$19.40B	\$16.87B	\$379.39B
QQQ	Invesco QQQ Trust	\$3.10B	\$3.92B	\$6.88B	\$14.11B	\$163.89B
IVV	iShares Core S&P 500 ETF	\$1.41B	\$5.43B	\$21.11B	\$28.13B	\$304.02B
IWM	iShares Russell 2000 ETF	\$1.35B	\$1.47B	\$0.07B	(\$3.07B)	\$56.23B
SPYG	SPDR Portfolio S&P 500 Growth ETF	\$0.73B	(\$0.71B)	\$2.38B	\$2.59B	\$14.00B
VOO	Vanguard S&P 500 ETF	\$0.70B	\$10.33B	\$26.33B	\$41.52B	\$275.81B
RSP	Invesco S&P 500 Equal Weight ETF	\$0.62B	\$1.67B	\$2.17B	\$5.49B	\$33.51B
SCHD	Schwab US Dividend Equity ETF	\$0.44B	\$3.98B	\$7.38B	\$12.90B	\$42.96B
VUG	Vanguard Growth ETF	\$0.44B	\$1.46B	\$4.95B	\$8.02B	\$72.84B
VTI	Vanguard Total Stock Market ETF	\$0.42B	\$7.79B	\$12.88B	\$30.67B	\$271.00B

### U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
GSLC	Goldman Sachs ActiveBeta U.S. Large Cap Eq..	(\$0.70B)	(\$1.02B)	(\$0.86B)	(\$1.44B)	\$10.74B
VTV	Vanguard Value ETF	(\$0.54B)	\$1.06B	\$3.63B	\$15.57B	\$103.64B
MTUM	iShares MSCI USA Momentum Factor ETF	(\$0.48B)	\$1.67B	\$1.37B	(\$1.67B)	\$12.17B
SPYD	SPDR Portfolio S&P 500 High Dividend ETF	(\$0.41B)	(\$0.16B)	\$0.12B	\$2.72B	\$7.72B
DGRO	iShares Core Dividend Growth ETF	(\$0.38B)	\$0.27B	\$1.31B	\$4.02B	\$24.23B
IWD	iShares Russell 1000 Value ETF	(\$0.35B)	\$0.78B	\$0.61B	\$0.41B	\$54.60B
OEF	iShares S&P 100 ETF	(\$0.24B)	(\$0.33B)	(\$0.03B)	\$0.18B	\$7.55B
IWF	iShares Russell 1000 Growth ETF	(\$0.15B)	\$0.75B	\$1.91B	\$1.93B	\$60.98B
VIG	Vanguard Dividend Appreciation ETF	(\$0.12B)	\$0.75B	\$1.22B	\$3.88B	\$64.79B
VB	Vanguard Small-Cap ETF	(\$0.07B)	\$0.35B	\$0.12B	\$0.87B	\$42.91B

\* 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)
XLE	Energy Select Sector SPDR Fund	-2.04%	73.85%	11.08%	17.50%	60.22
XLV	Health Care Select Sector SPDR Fund	-6.87%	10.95%	4.36%	2.29%	58.88
XLI	Industrial Select Sector SPDR Fund	-7.63%	19.36%	9.37%	5.07%	66.03
XLP	Consumer Staples Select Sector SPDR Fund	-8.27%	11.14%	4.88%	0.42%	62.65
XLB	Materials Select Sector SPDR Fund	-11.46%	19.18%	9.81%	1.13%	65.81
XLU	Utilities Select Sector SPDR Fund	-12.16%	11.54%	0.76%	-3.40%	56.88
XLF	Financial Select Sector SPDR Fund	-14.85%	16.44%	7.76%	2.25%	62.52
SPY	SPDR S&P 500 ETF Trust	-17.22%	10.91%	4.51%	-2.35%	58.81
XLK	Technology Select Sector SPDR Fund	-25.41%	13.05%	4.94%	-4.71%	57.75
XLRE	Real Estate Select Sector SPDR Fund	-26.83%	12.26%	2.36%	-10.86%	57.21
XLY	Consumer Discretionary Select Sector SPDR Fund	-32.23%	7.94%	-2.26%	-9.82%	50.49
XLC	Communication Services Select Sector SPDR Fund	-36.53%	10.24%	0.85%	-13.60%	55.18

### Sector & Industry 1 Day Performance Leaders

Ticker	Fund	Performance
IDU	iShares U.S. Utilities ETF	0.92%
XLU	Utilities Select Sector SPDR Fund	0.90%
RYU	Invesco S&P 500 Equal Weight Utilities ETF	0.84%
PBJ	Invesco Dynamic Food & Beverage ETF	0.84%
VPU	Vanguard Utilities ETF	0.83%
RHS	Invesco S&P 500 Equal Weight Consumer Staples ..	0.82%
FUTY	Fidelity MSCI Utilities Index ETF	0.82%
FXG	First Trust Consumer Staples AlphaDEX Fund	0.81%
FTXG	First Trust Nasdaq Food & Beverage ETF	0.71%
KBWP	Invesco KBW Property & Casualty Insurance ETF	0.65%

### Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
XLI	Industrial Select Sector SPDR Fund	66.03
XLB	Materials Select Sector SPDR Fund	65.81
IBB	iShares Biotechnology ETF	65.75
FBT	First Trust NYSE Arca Biotechnology Index Fund	65.55
FMAT	Fidelity MSCI Materials Index ETF	65.16
FIDU	Fidelity MSCI Industrial Index ETF	64.96
IAI	iShares U.S. Broker-Dealers & Securities Exchanges ETF	64.93
VAW	Vanguard Materials ETF	64.86
AIRR	First Trust RBA American Industrial Renaissance ETF	64.85
PSL	Invesco DWA Consumer Staples Momentum ETF	64.61

### Sector & Industry 1 Day Performance Laggards

Ticker	Fund	Performance
XSD	SPDR S&P Semiconductor ETF	-4.47%
SOXQ	Invesco PHLX Semiconductor ETF	-4.42%
SOXX	iShares Semiconductor ETF	-4.13%
PSI	Invesco Dynamic Semiconductors ETF	-4.06%
FTXL	First Trust Nasdaq Semiconductor ETF	-4.01%
XRT	SPDR S&P Retail ETF	-3.72%
QTEC	First Trust NASDAQ-100 Technology Sector Index Fund	-3.38%
XTN	SPDR S&P Transportation ETF	-3.10%
XSW	SPDR S&P Software & Services ETF	-3.01%
FDN	First Trust Dow Jones Internet Index Fund	-2.94%

### Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
XHS	SPDR S&P Health Care Services ETF	42.64
PTH	Invesco DWA Healthcare Momentum ETF	42.84
IHF	iShares U.S. Healthcare Providers ETF	44.15
NURE	Nuveen Short-Term REIT ETF	49.04
REZ	iShares Residential and Multisector Real Estate ETF	49.53
XPH	SPDR S&P Pharmaceuticals ETF	49.98
XBI	SPDR S&P BIOTECH ETF	50.47
XLY	Consumer Discretionary Select Sector SPDR Fund	50.49
IGN	iShares North American Tech-Multimedia Networking ETF	50.61
XTL	SPDR S&P Telecom ETF	51.14

\* ETF Landscape represented using the ETF Action classification system\*\*Leaders/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	\$12B	(\$56M)	(\$166M)	\$417M	(\$1,813M)
Consumer Discretionary	12	\$22B	\$108M	(\$358M)	(\$829M)	(\$5,529M)
Consumer Staples	10	\$29B	\$40M	\$552M	\$1,560M	\$7,964M
Energy	33	\$89B	\$789M	\$2,644M	(\$839M)	\$3,672M
Financials	26	\$62B	\$766M	\$1,212M	(\$3,550M)	(\$10,480M)
Health Care	23	\$95B	\$768M	\$1,616M	\$5,241M	\$12,782M
Industrial	13	\$30B	\$795M	\$91M	(\$586M)	(\$2,517M)
Materials	9	\$14B	\$115M	(\$890M)	(\$2,738M)	(\$1,811M)
Multi-Sector	19	\$14B	\$165M	(\$744M)	(\$1,381M)	(\$5,813M)
Real Estate	25	\$61B	\$61M	(\$447M)	(\$2,749M)	(\$2,540M)
Technology	23	\$120B	\$1,318M	\$210M	\$2,171M	\$2,753M
Utilities	9	\$25B	(\$60M)	\$338M	\$1,466M	\$5,333M

## U.S. Sector & Industry Flow Leaders

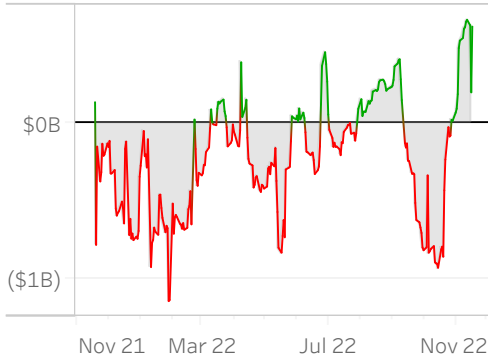
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XBI	SPDR S&P BIOTECH ETF	\$870M	\$737M	\$1,301M	\$3,550M	\$8,408M
XLE	Energy Select Sector SPDR Fund	\$701M	\$1,464M	\$459M	\$884M	\$45,616M
XLI	Industrial Select Sector SPDR Fund	\$631M	(\$57M)	(\$157M)	(\$2,533M)	\$14,255M
VGT	Vanguard Information Technology ETF	\$572M	(\$473M)	\$681M	\$598M	\$42,513M
XLK	Technology Select Sector SPDR Fund	\$492M	(\$613M)	\$986M	\$2,491M	\$40,777M
XLF	Financial Select Sector SPDR Fund	\$410M	\$656M	(\$2,104M)	(\$6,354M)	\$33,028M
IAI	iShares U.S. Broker-Dealers & Securities Excha..	\$232M	\$252M	\$276M	(\$109M)	\$803M
XHB	SPDR S&P Homebuilders ETF	\$201M	\$35M	(\$114M)	(\$492M)	\$1,072M
IGV	iShares Expanded Tech-Software Sector ETF	\$189M	\$704M	\$824M	\$1,166M	\$4,954M
XRT	SPDR S&P Retail ETF	\$185M	\$97M	\$215M	(\$395M)	\$618M

## U.S. Sector & Industry Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLY	Consumer Discretionary Select Sector SPDR Fu..	(\$207M)	(\$360M)	(\$535M)	(\$2,105M)	\$14,451M
IYR	iShares U.S. Real Estate ETF	(\$116M)	(\$365M)	(\$790M)	(\$2,479M)	\$3,329M
VHT	Vanguard Health Care ETF	(\$97M)	\$227M	\$1,036M	\$1,123M	\$16,996M
IYM	iShares U.S. Basic Materials ETF	(\$84M)	(\$222M)	(\$235M)	\$43M	\$774M
RWR	SPDR Dow Jones REIT ETF	(\$79M)	(\$126M)	(\$182M)	(\$81M)	\$1,478M
KIE	SPDR S&P Insurance ETF	(\$69M)	(\$9M)	\$59M	\$12M	\$512M
FXU	First Trust Utilities AlphaDEX Fund	(\$54M)	(\$52M)	\$53M	\$184M	\$362M
IHI	iShares U.S. Medical Devices ETF	(\$51M)	(\$232M)	(\$524M)	(\$764M)	\$6,269M
KBWB	Invesco KBW Bank ETF	(\$41M)	\$118M	\$97M	(\$117M)	\$2,136M
VOX	Vanguard Communication Services ETF	(\$34M)	\$46M	\$28M	(\$393M)	\$2,562M

\* 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



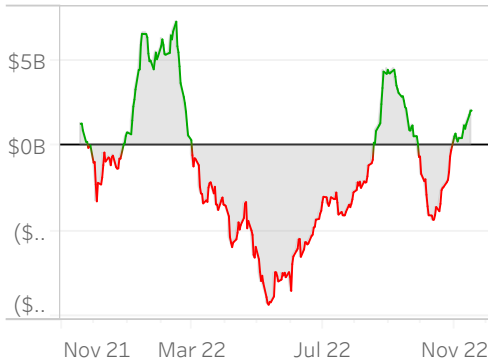
Consumer Staples



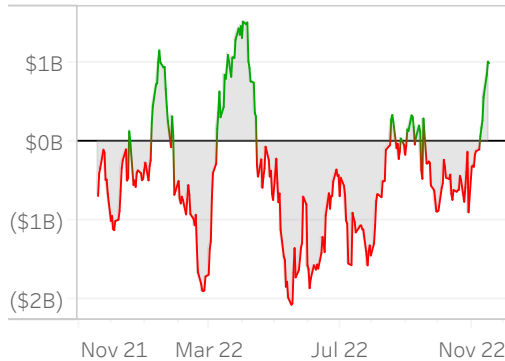
Energy



Financials



Industrial



Health Care



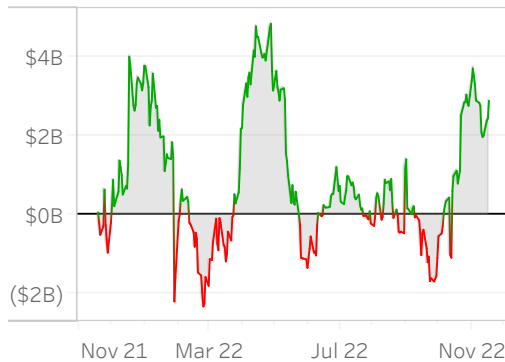
Materials



Real Estate



Technology



Utilities

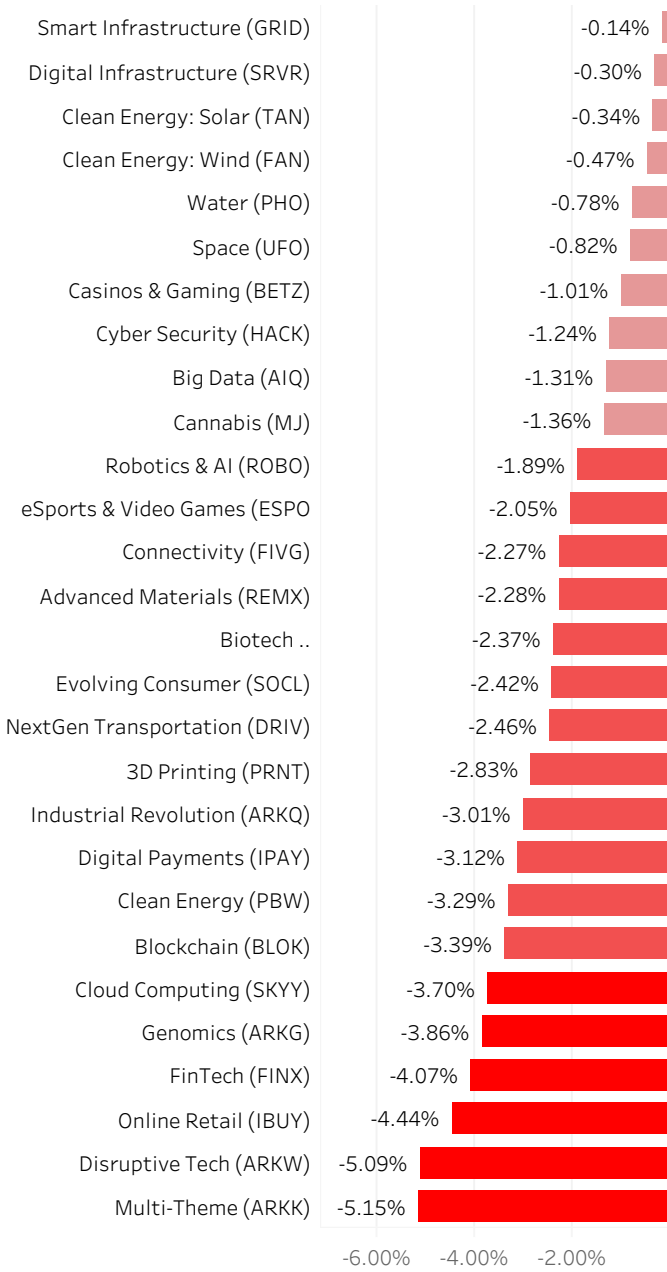


Multi-Sector

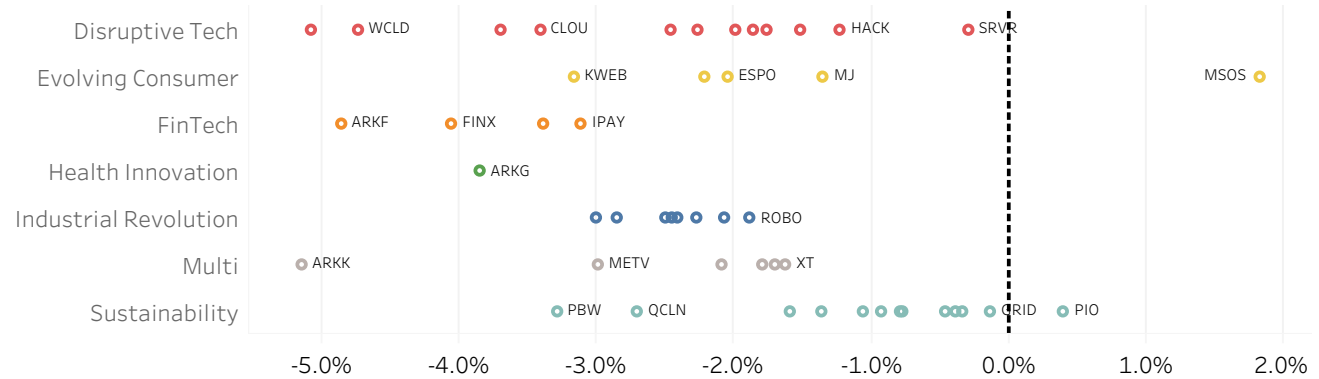


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## Global Thematic Segment 1-Day Performance



## Global Thematic 1-Day Performance Landscape



### Global Thematic 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
MSOS	AdvisorShares Pure US Cannabis ETF	1.82%
PIO	Invesco Global Water ETF	0.39%
MJUS	ETFMG U.S. Alternative Harvest ETF	0.00%
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure..	-0.14%
EVX	VanEck Environmental Services ETF	-0.23%
SRVR	Pacer Data & Infrastructure Real Estate ETF	-0.30%
TAN	Invesco Solar ETF	-0.34%
CGW	Invesco S&P Global Water Index ETF	-0.39%
FAN	First Trust Global Wind Energy ETF	-0.47%
SAMT	Strategas Macro Thematic Opportunities ETF	-0.48%

### Thematic Most Overbought

Ticker	Fund	Price
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure ..	70.21
MJUS	ETFMG U.S. Alternative Harvest ETF	68.21
PIO	Invesco Global Water ETF	68.15
CTEC	Global X CleanTech ETF	67.35
LEGR	First Trust Indxx Innovative Transaction & Process ETF	65.98
KLDW	Knowledge Leaders Developed World ETF	65.91
SNSR	Global X Internet of Things ETF	65.90
TAN	Invesco Solar ETF	65.57
CGW	Invesco S&P Global Water Index ETF	65.53
MSOS	AdvisorShares Pure US Cannabis ETF	64.62

### Global Thematic 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
BKCH	Global X Blockchain ETF	-7.86%
BITQ	Bitwise Crypto Industry Innovators ETF	-6.60%
ARKK	ARK Innovation ETF	-5.15%
ARKW	ARK Next Generation Internet ETF	-5.09%
ARKF	ARK Fintech Innovation ETF	-4.87%
WCLD	WisdomTree Cloud Computing Fund	-4.74%
IBUY	Amplify Online Retail ETF	-4.44%
FINX	Global X FinTech ETF	-4.07%
ONLN	ProShares Online Retail ETF	-4.05%
XITK	SPDR FactSet Innovative Technology ETF	-4.03%

### Thematic Most Oversold

Ticker	Fund	Price
BITQ	Bitwise Crypto Industry Innovators ETF	33.90
BKCH	Global X Blockchain ETF	36.24
BLOK	Amplify Transformational Data Sharing ETF	40.78
BUG	Global X Cybersecurity ETF	47.96
FINX	Global X FinTech ETF	48.50
KGRN	KraneShares MSCI China Clean Technology Index ETF	48.91
ARKW	ARK Next Generation Internet ETF	49.60
BTEC	Principal Healthcare Innovators ETF	49.62
ARKQ	ARK Autonomous Technology & Robotics ETF	50.07
LIT	Global X Lithium & Battery Tech ETF	50.30

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

### Thematic 1 Week Flow Leaders

Ticker	Fund	Flow
ARKK	ARK Innovation ETF	\$512M
TAN	Invesco Solar ETF	\$103M
ARKG	ARK Genomic Revolution ETF	\$78M
MSOS	AdvisorShares Pure US Cannabis ETF	\$28M
ICLN	iShares Global Clean Energy ETF	\$27M
SBIO	ALPS Medical Breakthroughs ETF	\$13M
XT	iShares Exponential Technologies ETF	\$10M
KOMP	SPDR S&P Kensho New Economies Composite ETF	\$5M
ONLN	ProShares Online Retail ETF	\$4M
WCLD	WisdomTree Cloud Computing Fund	\$4M

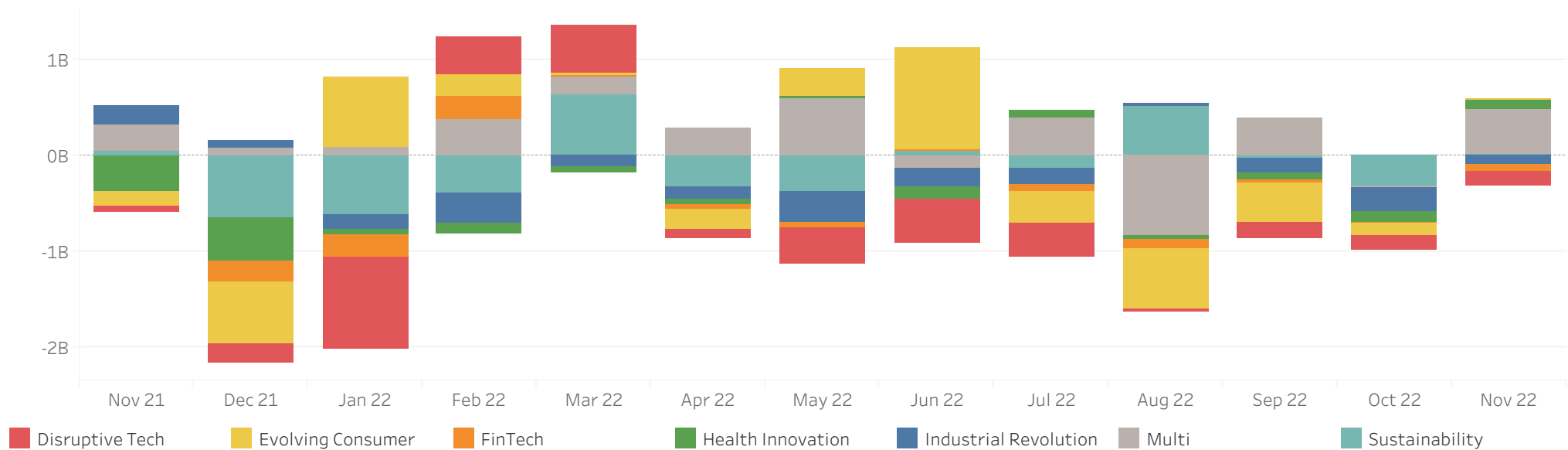
### Thematic 1 Week Flow Laggards

Ticker	Fund	Flow
SKYY	First Trust Cloud Computing ETF	(\$32M)
CIBR	First Trust NASDAQ Cybersecurity ETF	(\$24M)
PBW	Invesco WilderHill Clean Energy ETF	(\$15M)
ESPO	VanEck Video Gaming and eSports ETF	(\$11M)
TARK	AXS 2X Innovation ETF	(\$9M)
BLOK	Amplify Transformational Data Sharing ETF	(\$9M)
ARKW	ARK Next Generation Internet ETF	(\$9M)
FINX	Global X FinTech ETF	(\$9M)
DRIV	Global X Autonomous & Electric Vehicles ETF	(\$8M)
SRVR	Pacer Data & Infrastructure Real Estate ETF	(\$7M)

### Thematic Landscape Assets & Flows

Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	35	\$17B	(\$49M)	(\$611M)	(\$1,405M)	(\$2,103M)
Evolving Consumer	46	\$9B	\$15M	(\$636M)	(\$290M)	(\$153M)
FinTech	23	\$3B	(\$14M)	(\$185M)	(\$295M)	(\$605M)
Health Innovation	19	\$4B	\$92M	(\$167M)	(\$266M)	(\$1,282M)
Industrial Revolution	32	\$11B	(\$25M)	(\$528M)	(\$910M)	(\$1,615M)
Multi	41	\$15B	\$463M	\$696M	\$130M	\$2,106M
Sustainability	40	\$19B	\$103M	(\$324M)	\$58M	(\$1,633M)
<b>Grand Total</b>	<b>236</b>	<b>\$78B</b>	<b>\$584M</b>	<b>(\$1,754M)</b>	<b>(\$2,976M)</b>	<b>(\$5,285M)</b>

### Thematic Monthly Flows

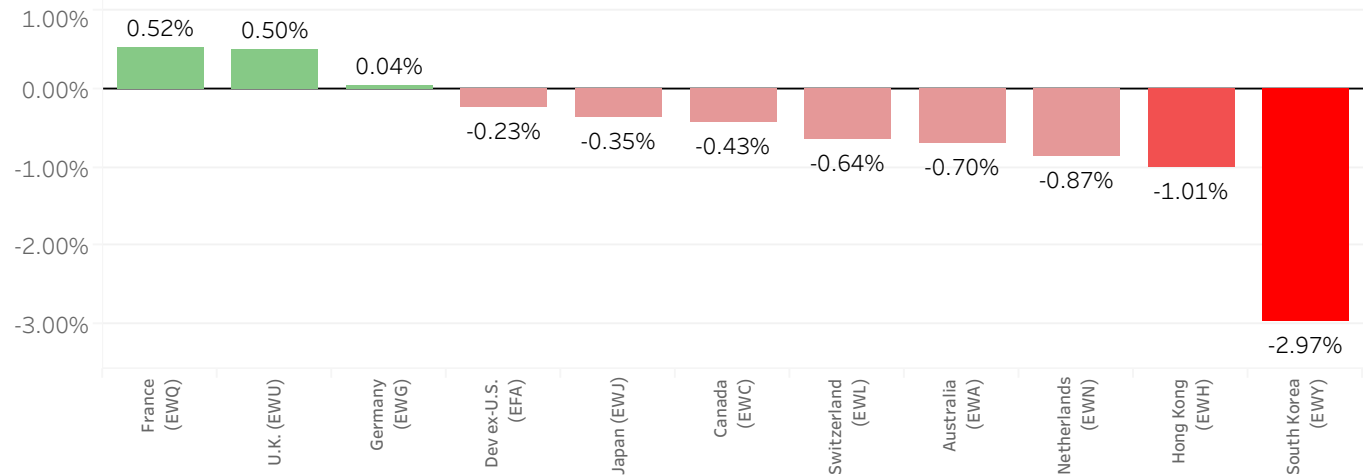


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Developed ex-U.S. (EFA)



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



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



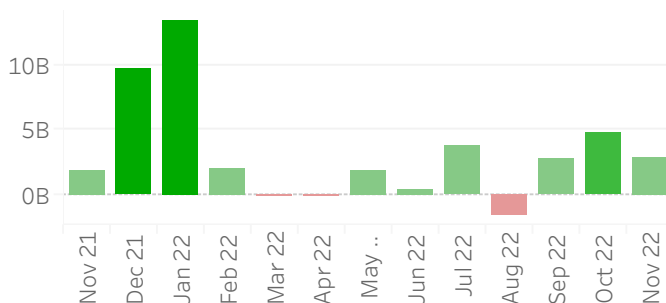
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	Performance
FSZ	First Trust Switzerland AlphaDEX Fund	3.90%
CIL	VictoryShares International Volatility Wtd ETF	1.20%
EWQ	iShares MSCI France ETF	0.52%
EWU	iShares MSCI United Kingdom ETF	0.50%
FIDI	Fidelity International High Dividend ETF	0.39%
IDOG	ALPS International Sector Dividend Dogs ETF	0.36%
IDLV	Invesco S&P International Developed Low Volatility ETF	0.34%
FEZ	SPDR EURO STOXX 50 ETF	0.31%
IMOM	Alpha Architect International Quantitative Momentum ETF	0.30%
EWI	iShares MSCI Italy ETF	0.29%

Developed ex-U.S. Most Overbought

Ticker	Fund	Value
EWI	iShares MSCI Italy ETF	75.08
EWS	iShares MSCI Singapore ETF	74.51
GSID	Goldman Sachs MarketBeta International Equity ETF	73.95
HDEF	Xtrackers MSCI EAFE High Dividend Yield Equity ETF	72.53
FEZ	SPDR EURO STOXX 50 ETF	72.19
EWG	iShares MSCI Germany ETF	71.46
IDOG	ALPS International Sector Dividend Dogs ETF	71.19
AIVI	WisdomTree International AI Enhanced Value Fund	70.85
DOL	WisdomTree International LargeCap Dividend Fund	70.48
IMFL	Invesco International Developed Dynamic Multifactor ETF	70.42

Developed ex-U.S. Monthly Flows



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

Ticker	Fund	Performance
EWY	iShares MSCI South Korea ETF	-2.97%
FLKR	Franklin FTSE South Korea ETF	-2.64%
EIS	iShares MSCI Israel ETF	-2.19%
ISRA	VanEck Israel ETF	-1.83%
AIA	iShares Asia 50 ETF	-1.71%
AAXJ	iShares MSCI All Country Asia ex Japan ETF	-1.70%
PDN	Invesco FTSE RAFI Developed Markets ex-US Small-Mid ETF	-1.12%
RFDI	First Trust Riverfront Dynamic Developed International E..	-1.04%
EWH	iShares MSCI Hong Kong ETF	-1.01%
IEUS	iShares MSCI Europe Small-Cap ETF	-0.95%

Developed ex-U.S. Most Oversold

Ticker	Fund	Value
PTIN	Pacer Trendpilot International ETF	22.85
EIS	iShares MSCI Israel ETF	55.37
ISRA	VanEck Israel ETF	56.63
NORW	Global X MSCI Norway ETF	59.60
EWC	iShares MSCI Canada ETF	61.59
RFDI	First Trust Riverfront Dynamic Developed Internatio..	61.92
ENZL	iShares MSCI New Zealand ETF	61.92
FSZ	First Trust Switzerland AlphaDEX Fund	62.09
HEWJ	iShares Currency Hedged MSCI Japan ETF	62.09
EIRL	iShares MSCI Ireland ETF	62.25

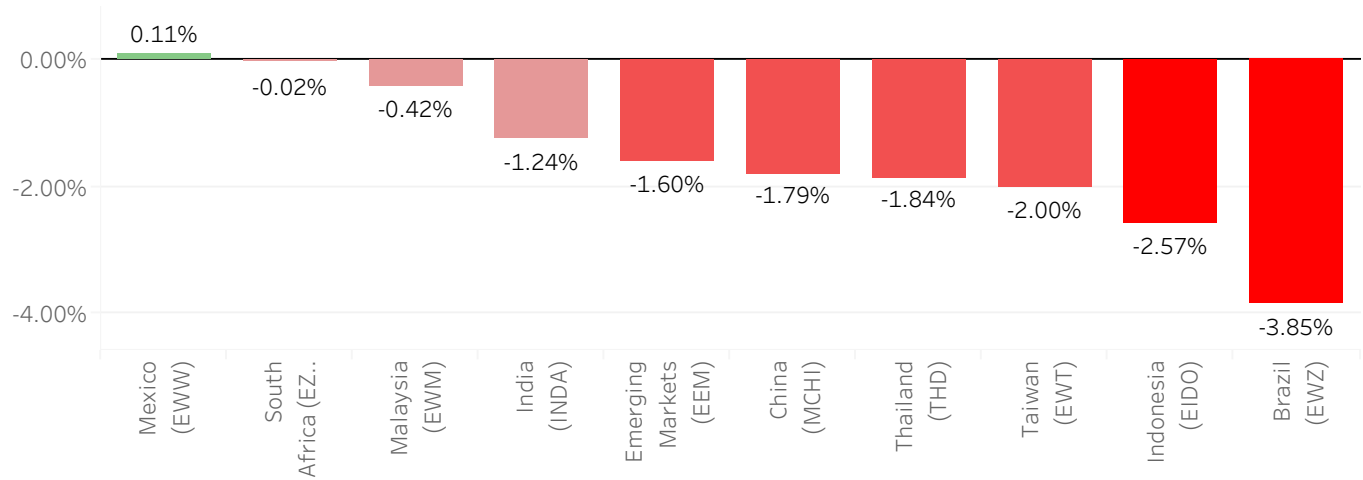
\* ETF Landscape represented using the ETF Action classification system\*\*Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify \*\*\*Flows delayed one day



Emerging (EEM)



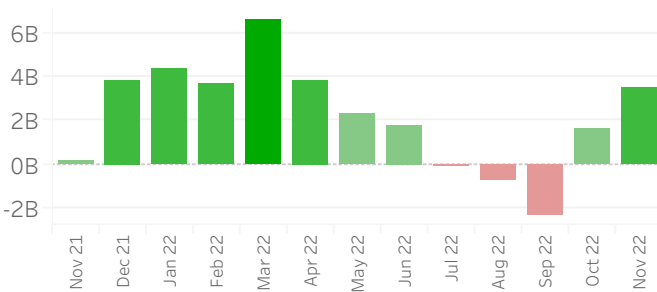
Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
EPOL	iShares MSCI Poland ETF	1.38%
KSA	iShares MSCI Saudi Arabia ETF	0.65%
EWW	iShares MSCI Mexico ETF	0.11%
EZA	iShares MSCI South Africa ETF	-0.02%
EPU	iShares MSCI Peru ETF	-0.30%
EWM	iShares MSCI Malaysia ETF	-0.42%
EPHE	iShares MSCI Philippines ETF	-0.64%
TUR	iShares MSCI Turkey ETF	-0.80%
HEEM	iShares Currency Hedged MSCI Emerging Markets ETF	-1.01%
INDY	iShares India 50 ETF	-1.01%

Emerging Most Overbought

Ticker	Fund	Value
EPOL	iShares MSCI Poland ETF	77.19
EWW	iShares MSCI Mexico ETF	74.29
TUR	iShares MSCI Turkey ETF	72.97
EPU	iShares MSCI Peru ETF	70.39
EWT	iShares MSCI Taiwan ETF	69.45
EZA	iShares MSCI South Africa ETF	66.61
DGRE	WisdomTree Emerging Markets Quality Dividend Gro..	65.86
DEHP	Dimensional Emerging Markets High Profitability ETF	65.32
JEMA	JPMorgan ActiveBuilders Emerging Markets Equity E..	65.31
EEMA	iShares MSCI Emerging Markets Asia ETF	64.22

Emerging 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
EWZS	iShares MSCI Brazil Small-Cap ETF	-4.56%
PGJ	Invesco Golden Dragon China ETF	-4.40%
FLBR	Franklin FTSE Brazil ETF	-3.97%
EWZ	iShares MSCI Brazil ETF	-3.85%
FLLA	Franklin FTSE Latin America ETF	-2.94%
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	-2.94%
QAT	iShares MSCI Qatar ETF	-2.89%
ECH	iShares MSCI Chile ETF	-2.86%
ILF	iShares Latin America 40 ETF	-2.77%
EIDO	iShares MSCI Indonesia ETF	-2.57%

Emerging Most Oversold

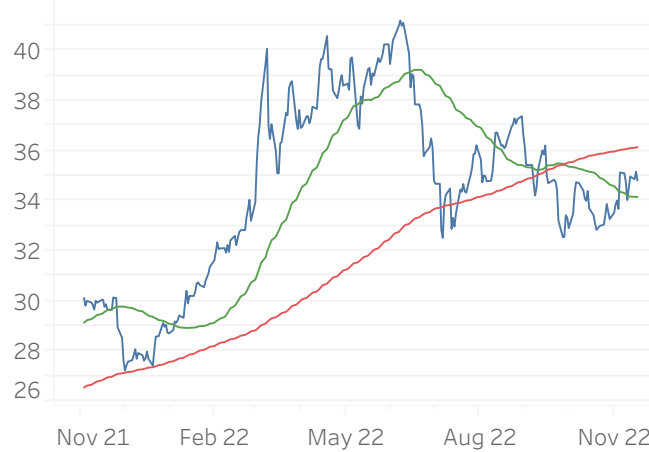
Ticker	Fund	Value
KSA	iShares MSCI Saudi Arabia ETF	36.93
EWZS	iShares MSCI Brazil Small-Cap ETF	37.82
EIDO	iShares MSCI Indonesia ETF	38.41
VNM	VanEck Vietnam ETF	40.35
FLBR	Franklin FTSE Brazil ETF	40.81
QAT	iShares MSCI Qatar ETF	41.12
EWZ	iShares MSCI Brazil ETF	41.40
ILF	iShares Latin America 40 ETF	45.36
FLLA	Franklin FTSE Latin America ETF	45.58
SMIN	iShares MSCI India Small Cap ETF	47.40

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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	0.62%	3.29%	-12.92%
SHY	1-3 Year Treasury Bonds	0.01%	0.69%	-4.18%
IEF	7-10 Year Treasury Bonds	0.74%	3.24%	-14.30%
TLT	20+ Year Treasury Bonds	2.19%	3.12%	-30.30%
TIP	TIPS Bonds	0.25%	1.49%	-11.96%
FLOT	Floating Rate Bonds	0.14%	0.90%	0.44%
LQD	Investment Grade Corporate	0.85%	6.31%	-17.70%
HYG	High Yield Corporate	-0.21%	4.42%	-10.92%
BKLN	Senior Loan	0.00%	2.67%	-2.00%
PFF	Preferred & Income Securities	-0.19%	4.51%	-15.87%
MUB	Municipal Bonds	0.56%	1.60%	-8.46%
MBB	MBS	0.57%	3.89%	-11.78%
EMB	Dollar Denominated EM Bonds	0.00%	8.94%	-19.50%
LEMB	Local Currency EM Bond	0.03%	5.99%	-13.34%

### Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	-1.00%	3.29%	21.29%
DBE	Energy	-1.08%	0.82%	44.79%
USO	WTI Crude Oil	-1.65%	2.66%	32.52%
BNO	Brent Crude Oil	-1.27%	2.93%	44.62%
UNG	Natural Gas	1.62%	-10.15%	60.85%
UGA	Gasoline	-0.44%	1.71%	45.21%
DBP	Precious Metals	-0.35%	9.67%	-5.61%
GLD	Gold	-0.23%	7.94%	-3.42%
SLV	Silver	-0.70%	17.43%	-8.23%
PPLT	abrdrn Physical Platin..	-0.98%	11.28%	3.62%
PALL	abrdrn Physical Palla..	-1.48%	3.58%	8.98%
DBB	Base Metals	-1.70%	8.54%	-11.55%
CPER	Copper	-1.52%	10.47%	-16.61%
LD	Lead	-1.97%	6.68%	-4.28%
JJN	Nickel	-9.90%	20.18%	28.79%
JJU	Aluminum	-0.44%	5.22%	-14.14%
JJT	Tin	8.25%	17.12%	-37.49%
DBA	Agriculture	-0.35%	0.00%	1.57%
CORN	Corn	-0.23%	-3.73%	23.35%
SOYB	Soybeans	-1.89%	2.23%	18.90%
WEAT	Wheat	-1.06%	-3.77%	13.94%
CANE	Sugar	-0.52%	5.39%	4.13%
BAL	Cotton	-0.30%	7.26%	-4.17%
NIB	Cocoa	0.37%	7.36%	-7.19%
JO	Coffee	-2.16%	-18.22%	-26.48%

### Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	-0.21%	-6.04%	11.67%
UDN	Short Dollar	0.11%	6.96%	-10.38%
FXE	Euro	0.43%	6.76%	-9.30%
FXB	British Pound Sterling	0.52%	6.71%	-11.77%
FXF	Swiss Franc	-0.04%	6.38%	-4.34%
FXJ	Japanese Yen	-0.18%	6.54%	-17.87%
FXC	Canadian Dollar	-0.23%	4.31%	-5.03%
FXA	Australian Dollar	-0.24%	8.86%	-7.30%

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