

Large Cap Blend (S&P 500) IVV



Mid Cap Blend (S&P 400) IJH

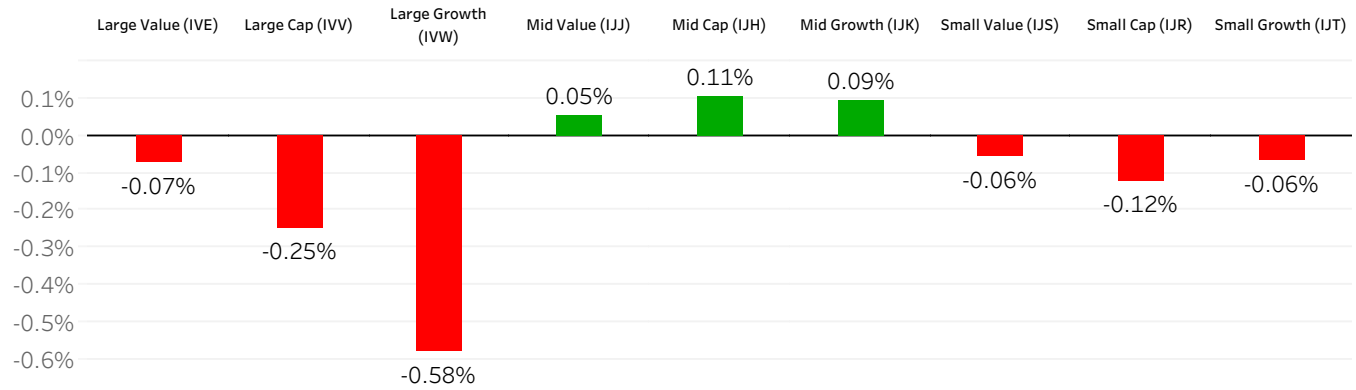


Small Cap Blend (S&P 600) IJR



■ 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
XMVM	Invesco S&P MidCap Value with Momentum ETF	0.55%
PSET	Principal Quality ETF	0.51%
TMFS	Motley Fool Small-Cap Growth ETF	0.49%
IMCV	iShares Morningstar Mid-Cap ETF	0.40%
TPHD	Timothy Plan High Dividend Stock ETF	0.39%
LVHD	Legg Mason Low Volatility High Dividend ETF	0.38%
RWK	Invesco S&P MidCap 400 Revenue ETF	0.35%
DWAS	Invesco DWA SmallCap Momentum ETF	0.32%
CDL	VictoryShares US Large Cap High Dividend Volatility Wt..	0.31%
FLQM	Franklin LibertyQ U.S. Mid Cap Equity ETF	0.30%

Size & Style Most Overbought

Ticker	Fund	Price
SPLV	Invesco S&P 500 Low Volatility ETF	73.19
LVHD	Legg Mason Low Volatility High Dividend ETF	70.39
SIXL	ETC 6 Meridian Low Beta Equity ETF	70.09
HUSV	First Trust Horizon Managed Volatility Domestic ETF	70.05
OUSA	OShares U.S. Quality Dividend ETF	68.31
AUSF	Global X Adaptive U.S. Factor ETF	68.17
SPHD	Invesco S&P 500 High Dividend Low Volatility ETF	68.14
XRLV	Invesco S&P 500 ex-Rate Sensitive Low Volatility ETF	67.81
USMV	iShares MSCI USA Min Vol Factor ETF	67.58
DVOL	First Trust Dorsey Wright Momentum & Low Volatility ETF	67.24

Size & Style 1-Day Performance Laggards

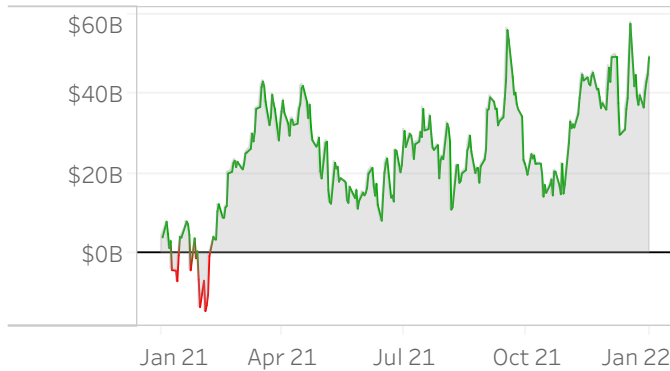
Ticker	Fund	1-Day Performance
BUZZ	VanEck Social Sentiment ETF	-1.69%
IPO	Renaissance IPO ETF	-1.25%
QQH	HCM Defender 100 Index ETF	-0.84%
MMLG	First Trust Multi-Manager Large Growth ETF	-0.84%
SCHG	Schwab U.S. Large-Cap Growth ETF	-0.78%
DWEQ	AdvisorShares Dorsey Wright Alpha Equal Weight ETF	-0.75%
ONEQ	Fidelity Nasdaq Composite Index ETF	-0.73%
LCG	Sterling Capital Focus Equity ETF	-0.73%
TMFC	Motley Fool 100 Index ETF	-0.72%
PTNQ	Pacer Trendpilot 100 ETF	-0.69%

Size & Style Most Oversold

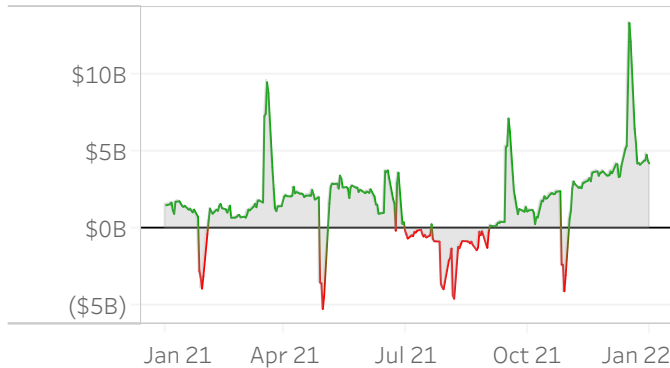
Ticker	Fund	Price
UTRN	Vesper U.S. Large Cap Short-Term Reversal Strategy..	25.91
TTAC	FCF US Quality ETF	33.99
NUMG	Nuveen ESG Mid-Cap Growth ETF	36.52
BIBL	Inspire 100 ETF	37.80
SQEW	LeaderShares Equity Skew ETF	37.88
DFNV	TrimTabs Donoghue Forlines Risk Managed Innovati..	41.21
BUZZ	VanEck Social Sentiment ETF	41.92
NUSC	Nuveen ESG Small-Cap ETF	42.94
IPO	Renaissance IPO ETF	44.48
DUSA	Davis Select U.S. Equity ETF	45.90

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

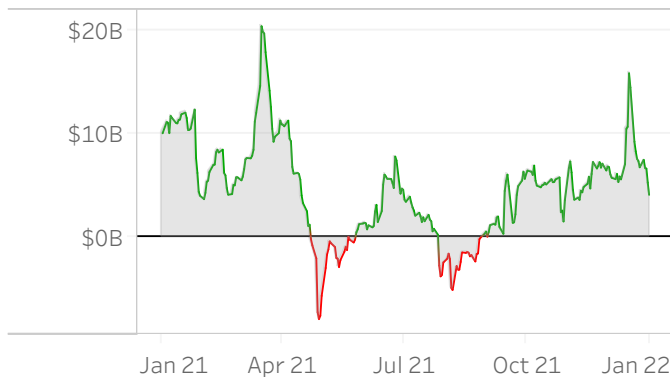
### Large-Cap 30-Day Rolling Flows



### 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	20	\$1,433B	\$15.08B	\$69.94B	\$100.60B	\$151.97B
Large Cap, Beta Growth, Beta: Growth	10	\$284B	\$0.55B	\$4.54B	\$10.57B	\$9.15B
Large Cap, Beta Growth, Beta: Value	11	\$217B	\$0.49B	\$6.62B	\$10.15B	\$30.20B
Mid Cap, Beta, Beta	10	\$200B	\$0.34B	\$6.06B	\$7.04B	\$12.34B
Mid Cap, Beta, Beta: Value	6	\$43B	\$0.24B	\$0.83B	\$0.73B	\$3.99B
Mid Cap, Beta, Beta: Growth	6	\$42B	\$0.14B	\$0.99B	\$1.04B	(\$1.60B)
Small Cap, Beta, Beta: Value	7	\$59B	\$0.13B	\$0.80B	(\$0.25B)	\$7.14B
Small Cap, Beta, Beta: Growth	7	\$39B	(\$0.01B)	\$0.52B	\$1.21B	\$1.70B
Small Cap, Beta, Beta	12	\$229B	(\$0.62B)	\$7.86B	\$11.81B	\$22.18B

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

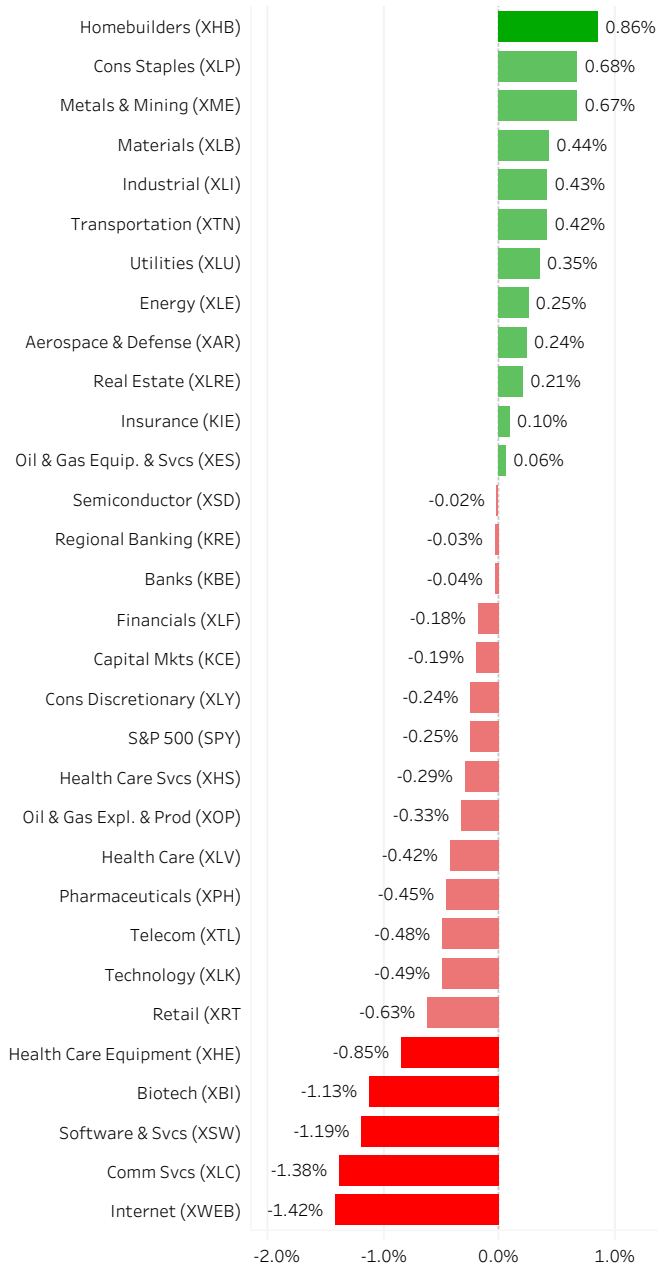
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
SPY	SPDR S&P 500 ETF Trust	\$9.94B	\$28.95B	\$37.02B	\$37.90B	\$456.40B
QQQ	Invesco QQQ Trust	\$2.05B	\$12.94B	\$17.87B	\$22.61B	\$217.40B
VOO	Vanguard S&P 500 ETF	\$1.36B	\$6.27B	\$19.90B	\$46.90B	\$280.57B
IVV	iShares Core S&P 500 ETF	\$1.12B	\$16.88B	\$16.54B	\$28.58B	\$335.58B
VTI	Vanguard Total Stock Market ETF	\$0.80B	\$12.57B	\$23.92B	\$44.46B	\$299.80B
DIA	SPDR Dow Jones Industrial Average ETF Trust	\$0.35B	(\$0.32B)	(\$1.81B)	\$1.38B	\$30.45B
IJR	iShares Core S&P Small Cap ETF	\$0.33B	\$3.38B	\$3.05B	\$5.48B	\$75.62B
PDP	Invesco DWA Momentum ETF	\$0.32B	\$0.32B	\$0.34B	(\$0.30B)	\$2.21B
IWF	iShares Russell 1000 Growth ETF	\$0.28B	(\$0.46B)	\$1.09B	(\$1.96B)	\$79.54B
VTV	Vanguard Value ETF	\$0.25B	\$2.77B	\$5.07B	\$15.28B	\$92.65B

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

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
IWM	iShares Russell 2000 ETF	(\$1.22B)	\$1.15B	\$2.36B	\$2.73B	\$69.20B
USSG	Xtrackers MSCI USA ESG Leaders Equity ETF	(\$0.19B)	\$0.02B	\$0.03B	\$0.34B	\$4.15B
SUSL	iShares ESG MSCI USA Leaders ETF	(\$0.11B)	(\$0.01B)	\$0.24B	\$0.55B	\$4.32B
VTWG	Vanguard Russell 2000 Growth ETF	(\$0.11B)	\$0.02B	\$0.01B	\$0.17B	\$0.73B
VONG	Vanguard Russell 1000 Growth ETF	(\$0.10B)	\$0.39B	\$0.70B	\$1.20B	\$8.32B
VTHR	Vanguard Russell 3000 ETF	(\$0.10B)	\$0.09B	\$0.09B	\$0.19B	\$1.27B
VXF	Vanguard Extended Market ETF	(\$0.09B)	\$0.27B	\$0.66B	\$2.35B	\$17.64B
MDY	SPDR S&P Midcap 400 ETF Trust	(\$0.05B)	\$0.25B	(\$0.32B)	\$0.13B	\$21.99B
SPHB	Invesco S&P 500 High Beta ETF	(\$0.03B)	\$0.09B	(\$0.61B)	\$0.61B	\$1.49B
XMMO	Invesco S&P MidCap Momentum ETF	(\$0.03B)	(\$0.05B)	(\$0.01B)	(\$0.02B)	\$0.97B

\* 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)
XLB	Materials Select Sector SPDR Fund	0.00%	28.27%	3.36%	7.19%	63.50
XLP	Consumer Staples Select Sector SPDR Fund	0.00%	21.82%	5.23%	8.25%	69.69
XLRE	Real Estate Select Sector SPDR Fund	0.00%	44.76%	5.92%	13.26%	69.13
XLU	Utilities Select Sector SPDR Fund	0.00%	22.65%	4.96%	7.54%	69.16
XLV	Health Care Select Sector SPDR Fund	-0.42%	27.16%	4.69%	9.19%	68.90
SPY	SPDR S&P 500 ETF Trust	-0.53%	28.34%	2.08%	8.26%	57.89
XLI	Industrial Select Sector SPDR Fund	-1.22%	24.82%	1.09%	2.76%	57.49
XLK	Technology Select Sector SPDR Fund	-1.57%	38.18%	3.20%	13.78%	55.44
XLY	Consumer Discretionary Select Sector SPDR Fund	-3.30%	31.19%	0.30%	10.60%	53.82
XLF	Financial Select Sector SPDR Fund	-3.87%	34.89%	-0.86%	3.53%	50.76
XLE	Energy Select Sector SPDR Fund	-6.15%	41.15%	-1.84%	5.41%	49.11
XLC	Communication Services Select Sector SPDR Fund	-9.73%	19.36%	-1.04%	-2.66%	49.28

### Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
AMZA	InfraCap MLP ETF	2.10%
AML	Alerian MLP ETF	1.77%
ENFR	Alerian Energy Infrastructure ETF	1.55%
MLPA	Global X MLP ETF	1.48%
MLPX	Global X MLP & Energy Infrastructure ETF	1.06%
TPYP	Tortoise North American Pipeline Fund	1.00%
ITB	iShares U.S. Home Construction ETF	0.91%
EMLP	First Trust North American Energy Infrastructure ..	0.89%
XHB	SPDR S&P Homebuilders ETF	0.86%
PRN	Invesco DWA Industrials Momentum ETF	0.83%

### Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
INDS	Pacer Benchmark Industrial Real Estate SCTR ETF	75.69
IYK	iShares U.S. Consumer Staples ETF	74.16
VDC	Vanguard Consumer Staples ETF	73.04
KBWY	Invesco KBW Premium Yield Equity REIT ETF	72.76
ICF	iShares Cohen & Steers REIT ETF	71.55
PSR	Invesco Active U.S. Real Estate Fund	71.37
VPU	Vanguard Utilities ETF	71.11
SCHH	Schwab U.S. REIT ETF	70.53
IDU	iShares U.S. Utilities ETF	70.49
FSTA	FIDELITY COVINGTON TRUST MSCI CONSUMER STAPLES..	70.46

### Sector & Industry 1 Day Performance Laggards

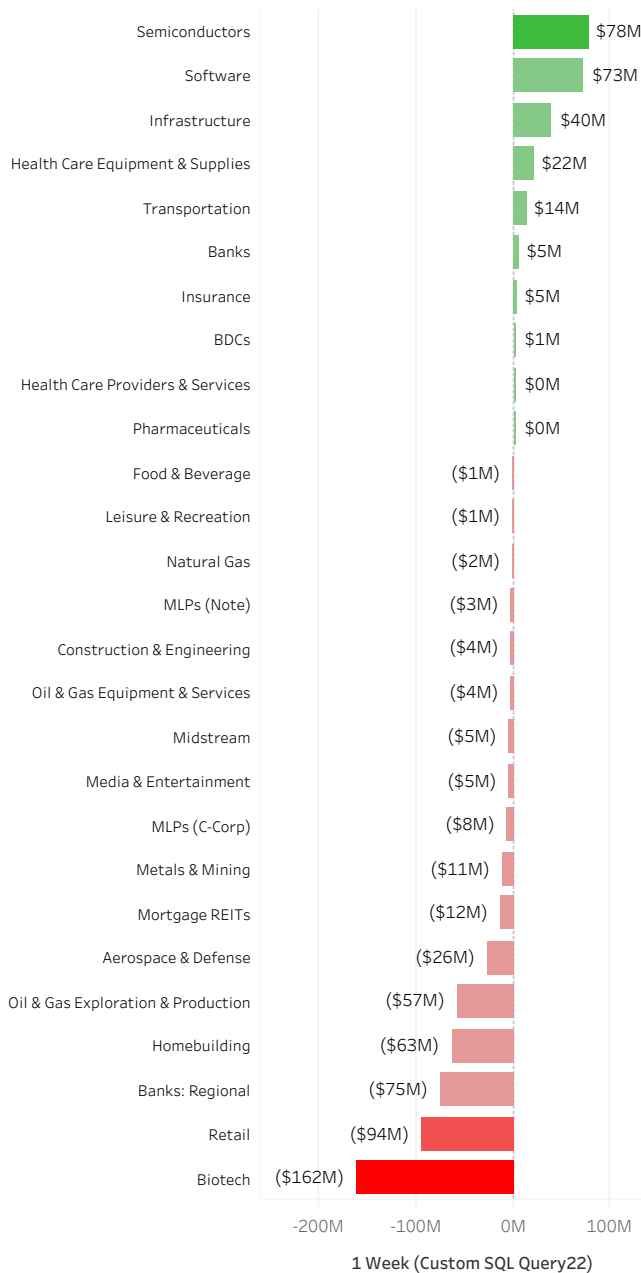
Ticker	Fund	1 Day Performance
XLC	Communication Services Select Sector SPDR Fund	-1.38%
PNQI	Invesco NASDAQ Internet ETF	-1.31%
FCOM	Fidelity MSCI Communication Services Index ETF	-1.23%
FDN	First Trust Dow Jones Internet Index Fund	-1.20%
VOX	Vanguard Communication Services ETF	-1.19%
XSW	SPDR S&P Software & Services ETF	-1.19%
XBI	SPDR S&P BIOTECH ETF	-1.13%
PSCE	Invesco S&P SmallCap Energy ETF	-1.06%
PBS	Invesco Dynamic Media ETF	-0.99%
PSCH	Invesco S&P SmallCap Health Care ETF	-0.95%

### Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
PSJ	Invesco Dynamic Software ETF	39.30
MORT	VanEck Mortgage REIT Income ETF	40.99
XBI	SPDR S&P BIOTECH ETF	42.28
PNQI	Invesco NASDAQ Internet ETF	42.88
REM	iShares Mortgage Real Estate ETF	43.22
PSCE	Invesco S&P SmallCap Energy ETF	43.43
XES	SPDR S&P Oil & Gas Equipment & Services ETF	44.10
IGV	iShares Expanded Tech-Software Sector ETF	45.00
FDN	First Trust Dow Jones Internet Index Fund	45.33
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	45.39

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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	9	\$20B	\$156M	(\$573M)	\$1,190M	\$1,217M
Consumer Discretionary	13	\$38B	(\$394M)	\$1,572M	\$601M	\$2,462M
Consumer Staples	12	\$23B	(\$19M)	\$559M	\$1,281M	(\$1,547M)
Energy	34	\$54B	\$435M	\$1,125M	\$514M	\$9,576M
Financials	28	\$83B	\$505M	\$2,886M	\$1,789M	\$20,271M
Health Care	26	\$95B	(\$278M)	\$3,368M	\$6,983M	\$4,838M
Industrial	14	\$35B	(\$77M)	(\$1,069M)	(\$3,712M)	(\$227M)
Materials	10	\$17B	(\$127M)	(\$545M)	(\$2,543M)	\$3,549M
Multi-Sector	19	\$27B	\$33M	\$1,742M	\$2,097M	\$4,702M
Real Estate	22	\$85B	\$285M	\$2,551M	\$5,574M	\$12,774M
Technology	23	\$161B	\$388M	\$4,859M	\$7,290M	\$6,540M
Utilities	10	\$21B	(\$363M)	(\$249M)	\$323M	(\$135M)

## U.S. Sector & Industry Flow Leaders

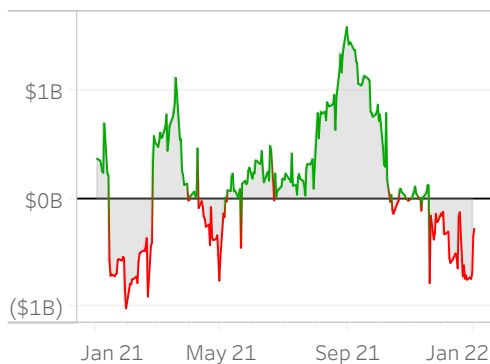
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLF	Financial Select Sector SPDR Fund	\$608M	\$2,745M	\$1,483M	\$10,453M	\$44,787M
XLE	Energy Select Sector SPDR Fund	\$470M	(\$298M)	\$158M	\$5,556M	\$26,366M
IYR	iShares U.S. Real Estate ETF	\$258M	(\$868M)	(\$407M)	\$234M	\$7,234M
XLRE	Real Estate Select Sector SPDR Fund	\$207M	\$1,149M	\$1,995M	\$2,730M	\$6,176M
XLC	Communication Services Select Sector SPDR Fu..	\$157M	(\$441M)	\$802M	\$434M	\$14,460M
PTF	Invesco DWA Technology Momentum ETF	\$127M	\$192M	\$192M	(\$16M)	\$506M
XLK	Technology Select Sector SPDR Fund	\$96M	\$1,788M	\$1,908M	\$1,081M	\$52,221M
IGV	iShares Expanded Tech-Software Sector ETF	\$80M	\$625M	\$1,134M	(\$366M)	\$6,119M
VHT	Vanguard Health Care ETF	\$60M	\$405M	\$1,148M	\$1,811M	\$17,731M
SOXX	iShares Semiconductor ETF	\$56M	\$1,115M	\$1,627M	\$2,604M	\$9,968M

## U.S. Sector & Industry Flow Laggards

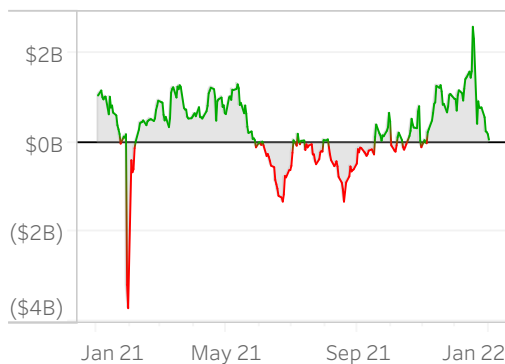
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLU	Utilities Select Sector SPDR Fund	(\$364M)	(\$406M)	(\$58M)	(\$593M)	\$12,943M
XLY	Consumer Discretionary Select Sector SPDR Fu..	(\$359M)	\$1,174M	\$493M	\$316M	\$23,583M
XLV	Health Care Select Sector SPDR Fund	(\$253M)	\$2,146M	\$4,203M	\$3,917M	\$35,942M
XLI	Industrial Select Sector SPDR Fund	(\$131M)	(\$1,271M)	(\$2,473M)	(\$1,898M)	\$17,413M
XLP	Consumer Staples Select Sector SPDR Fund	(\$126M)	\$165M	\$675M	(\$1,463M)	\$13,221M
XLB	Materials Select Sector SPDR Fund	(\$104M)	(\$353M)	(\$1,842M)	\$1,545M	\$8,141M
XBI	SPDR S&P BIOTECH ETF	(\$100M)	\$789M	\$1,211M	\$1,749M	\$7,199M
XRT	SPDR S&P Retail ETF	(\$94M)	(\$43M)	(\$372M)	(\$160M)	\$709M
KRE	SPDR S&P Regional Banking ETF	(\$78M)	(\$211M)	(\$503M)	\$2,073M	\$4,878M
XOP	SPDR S&P Oil & Gas Exploration & Production E..	(\$57M)	(\$550M)	(\$627M)	(\$343M)	\$3,492M

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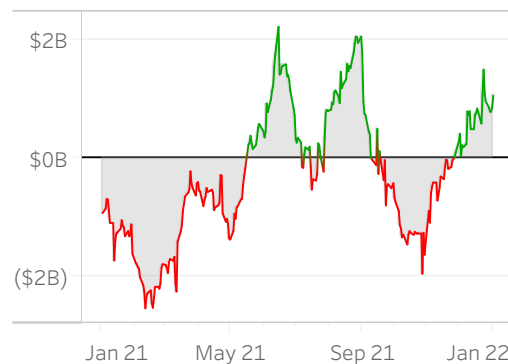
Communication Services



Consumer Discretionary



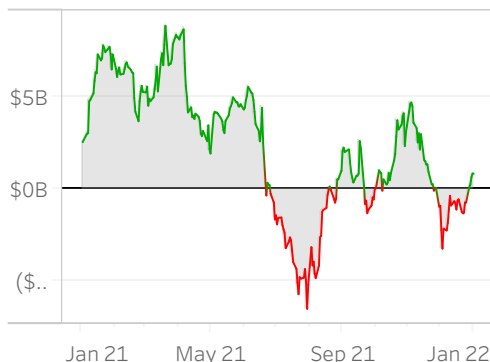
Consumer Staples



Energy



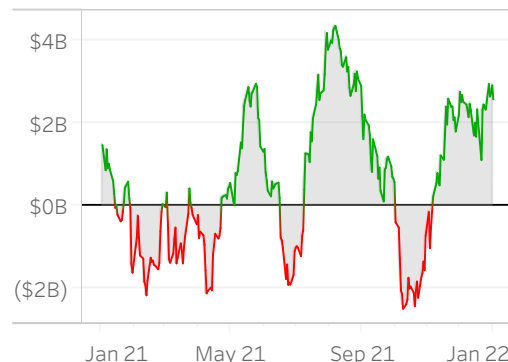
Financials



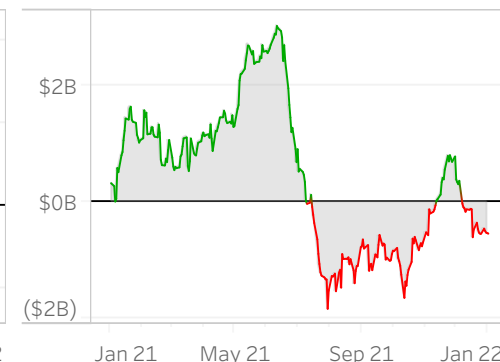
Industrial



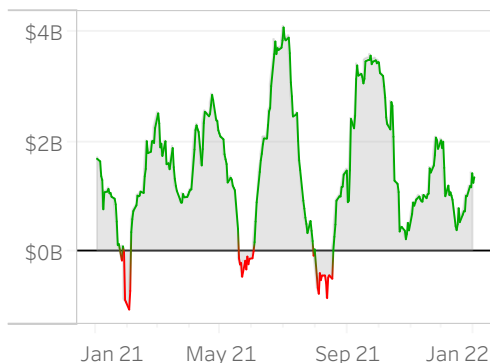
Health Care



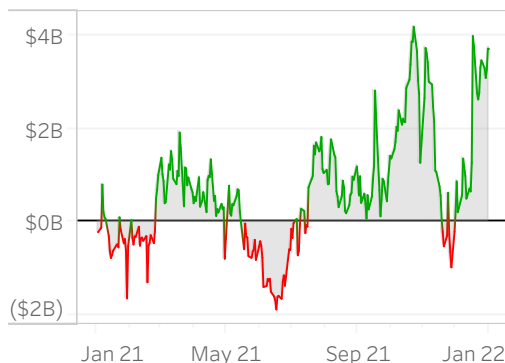
Materials



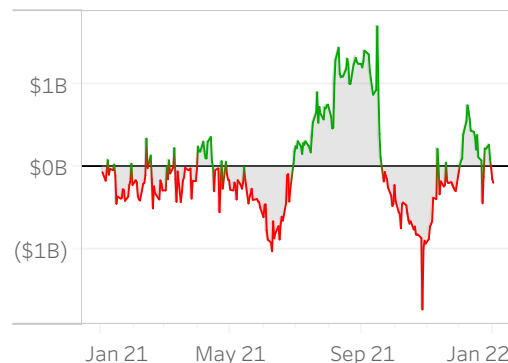
Real Estate



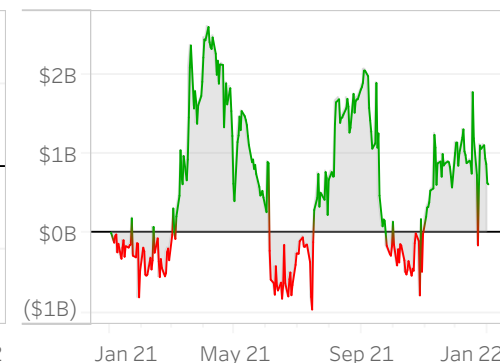
Technology



Utilities

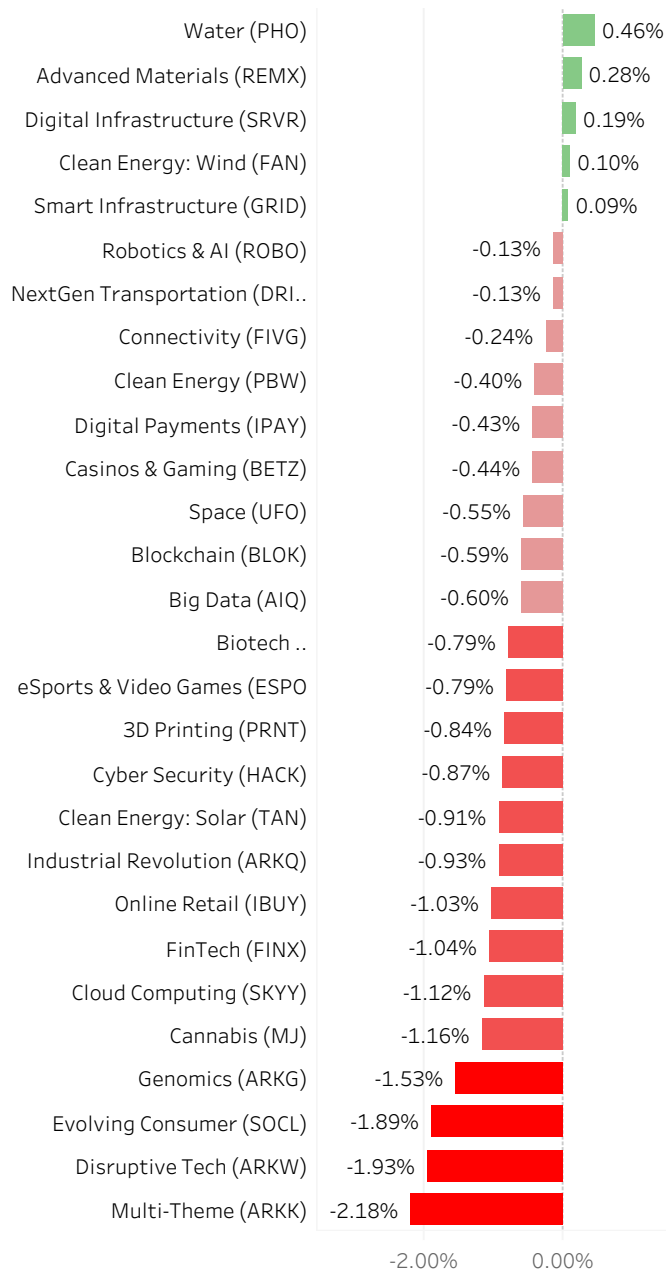


Multi-Sector

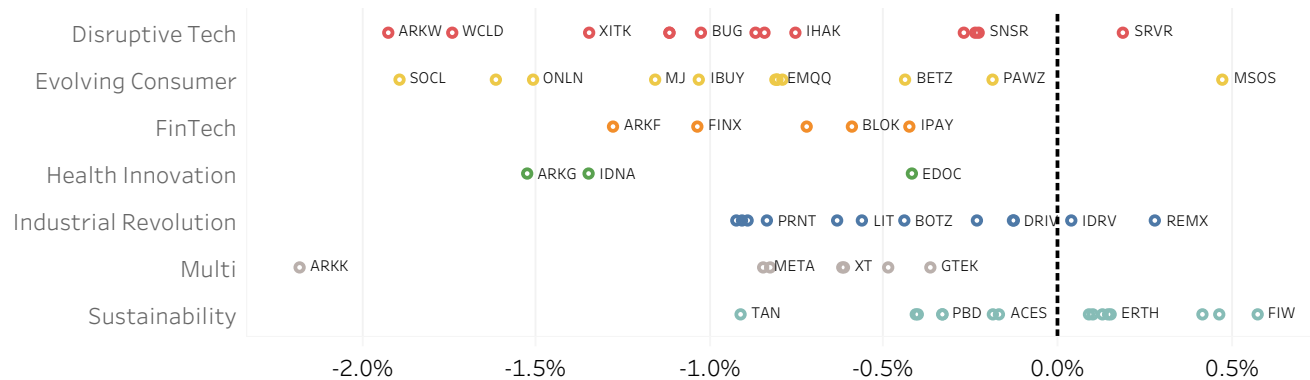


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## Global Thematic Segment 1-Day Performance



## Global Thematic 1-Day Performance Landscape



## Global Thematic 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
KSTR	KraneShares SSE STAR Market 50 Index ETF	1.71%
KGRN	KraneShares MSCI China Clean Technology Index ETF	1.55%
EBLU	Ecofin Global Water ESG Fund	0.70%
FIW	First Trust Water ETF	0.57%
MSOS	AdvisorShares Pure US Cannabis ETF	0.47%
PHO	Invesco Water Resources ETF	0.46%
CNBS	Amplify Seymour Cannabis ETF	0.43%
CGW	Invesco S&P Global Water Index ETF	0.41%
RNRG	Global X Funds Global X Renewable Energy Producers ETF	0.38%
EVX	VanEck Environmental Services ETF	0.34%

## Thematic Most Overbought

Ticker	Fund	Price
SRVR	Pacer Benchmark Data & Infrastructure Real Estate SCTR ..	70.81
VPN	Global X Data Center REITs & Digital Infrastructure ETF	65.00
PHO	Invesco Water Resources ETF	62.58
PIO	Invesco Global Water ETF	62.42
FIW	First Trust Water ETF	60.99
EBLU	Ecofin Global Water ESG Fund	59.71
CGW	Invesco S&P Global Water Index ETF	58.75
PAWZ	ProShares Pet Care ETF	57.94
NXTG	First Trust Indxx NextG ETF	57.63
FIVG	Defiance Next Gen Connectivity ETF	56.91

## Global Thematic 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
BKCH	Global X Blockchain ETF	-2.72%
DAPP	VanEck Digital Transformation ETF	-2.42%
ARKK	ARK Innovation ETF	-2.18%
BTEC	Principal Healthcare Innovators ETF	-2.12%
BITQ	Bitwise Crypto Industry Innovators ETF	-2.10%
ARKW	ARK Next Generation Internet ETF	-1.93%
SOCL	Global X Social Media ETF	-1.89%
WCLD	WisdomTree Cloud Computing Fund	-1.74%
KWEB	KraneShares CSI China Internet ETF	-1.62%
MOON	Direxion Moonshot Innovators ETF	-1.57%

## Thematic Most Oversold

Ticker	Fund	Price
ENTR	ERShares Entrepreneurs ETF	15.18
BLOK	Amplify Transformational Data Sharing ETF	28.96
POTX	Global X Cannabis ETF	29.80
DAPP	VanEck Digital Transformation ETF	31.12
FINX	Global X FinTech ETF	32.32
BKCH	Global X Blockchain ETF	33.57
THCX	Cannabis ETF	33.89
BITQ	Bitwise Crypto Industry Innovators ETF	34.76
KARS	KraneShares Electric Vehicles & Future Mobility Index ETF	34.93
BLCN	Siren ETF Trust Siren Nasdaq NexGen Economy ETF	36.29

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## Thematic 1 Week Flow Leaders

Ticker	Fund	Flow
META	Roundhill Ball Metaverse ETF	\$40M
KOMP	SPDR S&P Kensho New Economies Composite ETF	\$30M
MSOS	AdvisorShares Pure US Cannabis ETF	\$29M
ERTH	Invesco MSCI Sustainable Future ETF	\$23M
IDRV	iShares Self-driving EV & Tech ETF	\$22M
FIW	First Trust Water ETF	\$19M
BKCH	Global X Blockchain ETF	\$15M
KARS	KraneShares Electric Vehicles & Future Mobility Index ETF	\$12M
PHO	Invesco Water Resources ETF	\$7M
GENY	Principal Millennials ETF	\$6M

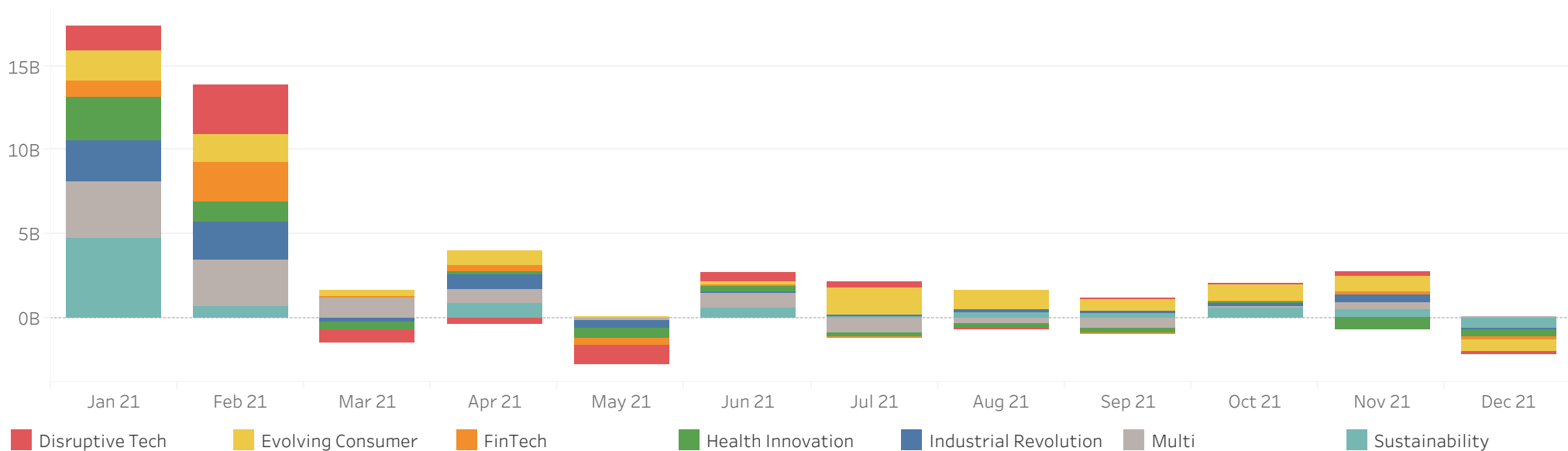
## Thematic 1 Week Flow Laggards

Ticker	Fund	Flow
KWEB	KraneShares CSI China Internet ETF	(\$336M)
ARKK	ARK Innovation ETF	(\$215M)
ARKG	ARK Genomic Revolution ETF	(\$156M)
EDOC	Global X Telemedicine & Digital Health ETF	(\$87M)
ARKF	ARK Fintech Innovation ETF	(\$71M)
IHAK	iShares Cybersecurity & Tech ETF	(\$58M)
ARKW	ARK Next Generation Internet ETF	(\$49M)
ICLN	iShares Global Clean Energy ETF	(\$38M)
PBW	Invesco WilderHill Clean Energy ETF	(\$35M)
ARKQ	ARK Autonomous Technology & Robotics ETF	(\$27M)

## Thematic Landscape Assets & Flows

Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	35	\$28B	(\$93M)	\$59M	\$398M	\$3,126M
Evolving Consumer	41	\$14B	(\$228M)	\$1,447M	\$4,960M	\$9,877M
FinTech	19	\$6B	(\$82M)	(\$2M)	(\$303M)	\$3,171M
Health Innovation	17	\$7B	(\$173M)	(\$1,093M)	(\$1,906M)	\$1,368M
Industrial Revolution	23	\$17B	\$6M	\$603M	\$1,025M	\$5,953M
Multi	29	\$26B	(\$168M)	\$642M	(\$824M)	\$7,654M
Sustainability	36	\$22B	(\$98M)	\$428M	\$871M	\$7,832M
Grand Total	200	\$121B	(\$836M)	\$2,084M	\$4,221M	\$38,981M

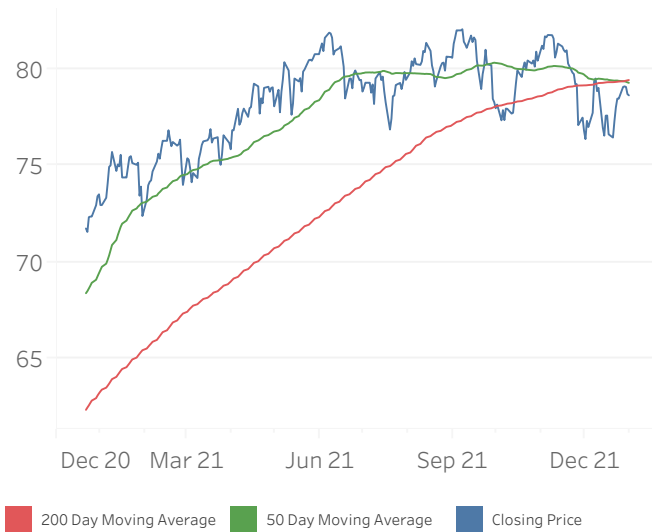
## Thematic Monthly Flows



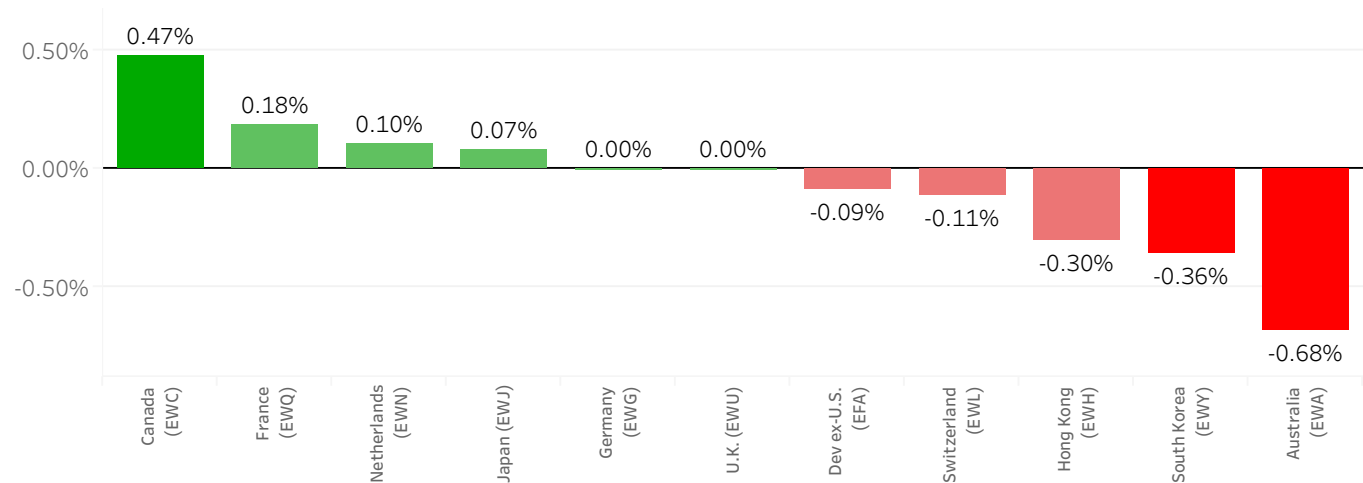
\* ETF Landscape represented using the ETF Action classification system\*\*Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify \*\*\*Flows delayed one day



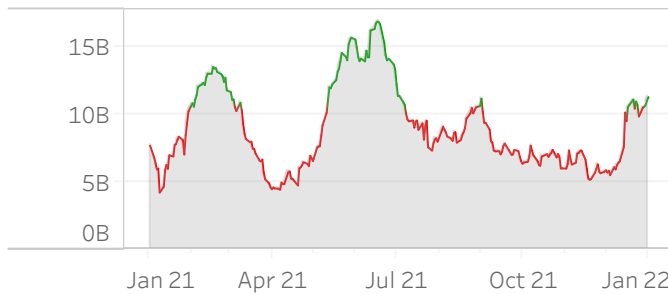
Developed ex-U.S. (EFA)



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



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



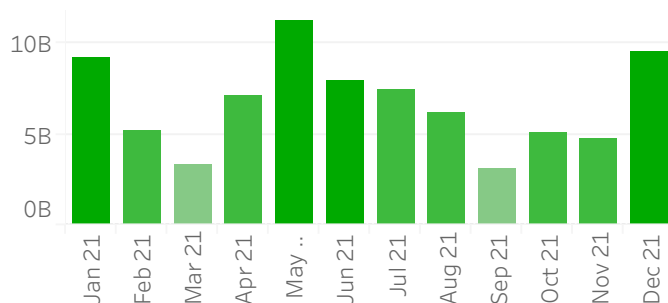
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
GREK	Global X MSCI Greece ETF	0.99%
PTEU	Pacer Trendpilot European Index ETF	0.57%
EWS	iShares MSCI Singapore ETF	0.56%
EWUS	iShares MSCI United Kingdom Small Cap ETF	0.54%
EWC	iShares MSCI Canada ETF	0.47%
BBCA	JPMorgan BetaBuilders Canada ETF	0.46%
EDEN	iShares MSCI Denmark ETF	0.38%
FKU	First Trust United Kingdom AlphaDEX Fund	0.36%
EWO	iShares MSCI Austria ETF	0.35%
ICOW	Pacer Developed Markets International Cash Cows 100 ETF	0.34%

Developed ex-U.S. Most Overbought

Ticker	Fund	Price
FLSW	Franklin FTSE Switzerland ETF	65.69
EWL	iShares MSCI Switzerland ETF	65.67
FKU	First Trust United Kingdom AlphaDEX Fund	64.30
DFE	WisdomTree Europe SmallCap Dividend Fund	64.06
EUDG	WisdomTree Europe Quality Dividend Growth Fund	63.02
FSZ	First Trust Switzerland AlphaDEX Fund	62.41
FDD	First Trust Stoxx European Select Dividend Index Fund	62.39
EIRL	iShares MSCI Ireland ETF	62.01
HDEF	Xtrackers MSCI EAFE High Dividend Yield Equity ETF	61.53
IDLV	Invesco S&P International Developed Low Volatility ETF	60.54

Developed ex-U.S. Monthly Flows



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

Ticker	Fund	1-Day Performance
AIA	iShares Asia 50 ETF	-0.84%
EWA	iShares MSCI Australia ETF	-0.68%
FGM	First Trust Germany AlphaDEX Fund	-0.57%
DVYA	iShares Asia/Pacific Dividend ETF	-0.55%
AAXJ	iShares MSCI All Country Asia ex Japan ETF	-0.54%
FLKR	Franklin FTSE South Korea ETF	-0.49%
EPP	iShares MSCI Pacific ex-Japan ETF	-0.46%
ENZL	iShares MSCI New Zealand ETF	-0.46%
HEWG	iShares Currency Hedged MSCI Germany ETF	-0.41%
BBAX	JPMorgan BetaBuilders Developed Asia ex-Japan ETF	-0.40%

Developed ex-U.S. Most Oversold

Ticker	Fund	Price
BBJP	JPMorgan BetaBuilders Japan ETF	36.84
EWS	iShares MSCI Singapore ETF	39.98
EWH	iShares MSCI Hong Kong ETF	41.10
EWJV	iShares MSCI Japan Value ETF	41.49
SCJ	iShares MSCI Japan Small-Cap ETF	41.51
JPXN	iShares JPX-Nikkei 400 ETF	42.14
VPL	Vanguard FTSE Pacific ETF	42.45
EWJ	iShares MSCI Japan ETF	43.08
IPAC	iShares Core MSCI Pacific ETF	43.20
FLJP	Franklin FTSE Japan ETF	43.50

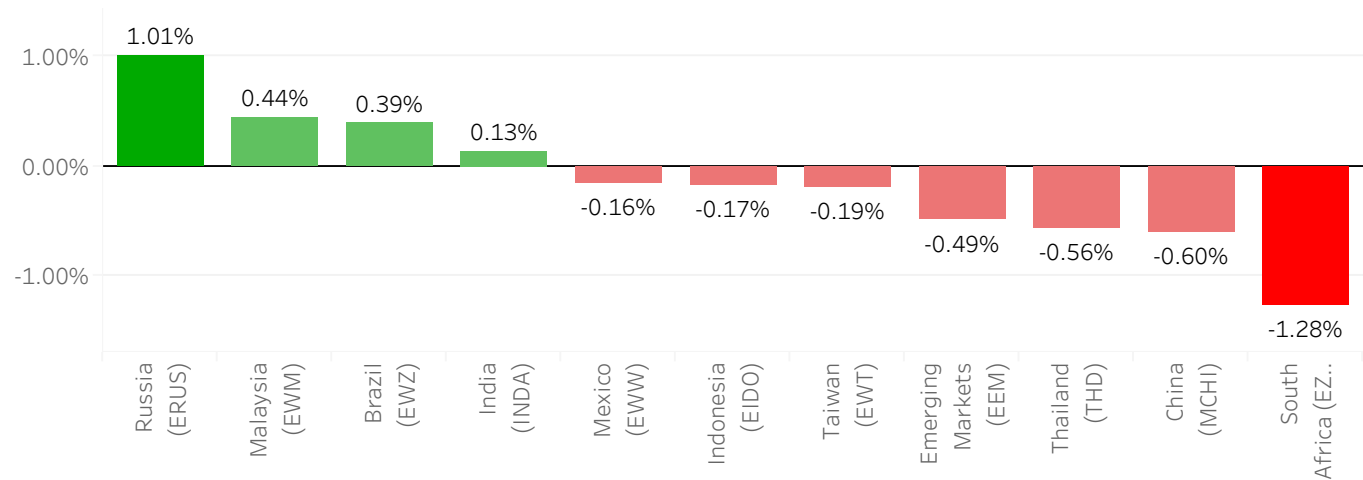
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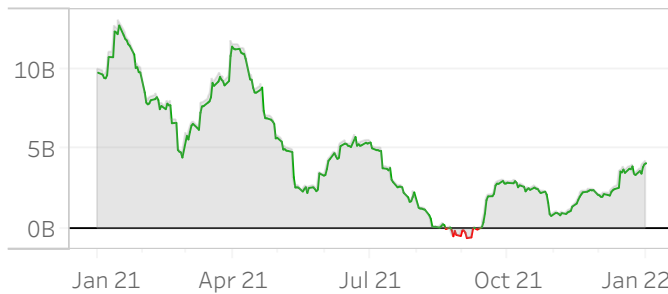
Emerging (EEM)



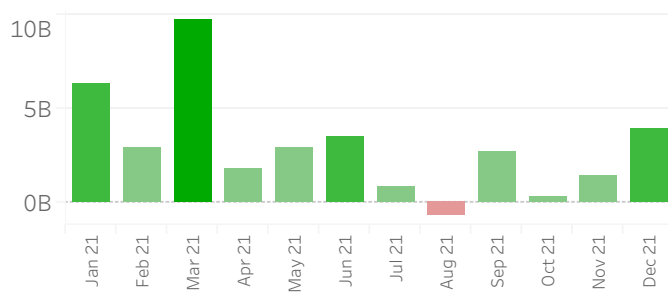
Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Leaders

Ticker	Fund	Performance
ERUS	iShares MSCI Russia ETF	1.01%
RSX	VanEck Russia ETF	0.68%
EWZS	iShares MSCI Brazil Small-Cap ETF	0.66%
SDEM	Global X MSCI SuperDividend Emerging Markets ETF	0.46%
ECNS	iShares MSCI China Small-Cap ETF	0.46%
EWM	iShares MSCI Malaysia ETF	0.44%
EWZ	iShares MSCI Brazil ETF	0.39%
KBA	KraneShares Bosera MSCI China A Share ETF	0.35%
CNYA	iShares MSCI China A ETF	0.35%
FLBR	Franklin FTSE Brazil ETF	0.34%

Emerging Most Overbought

Ticker	Fund	Value
EWZ	iShares MSCI Mexico ETF	67.52
GLIN	VanEck India Growth Leaders ETF	64.17
VNM	VanEck Vietnam ETF	62.82
EWM	iShares MSCI Malaysia ETF	61.39
EPU	iShares MSCI Peru ETF	60.35
PIE	Invesco DWA Emerging Markets Momentum ETF	59.60
EWT	iShares MSCI Taiwan ETF	58.05
DGS	WisdomTree Emerging Markets SmallCap Dividend F..	56.67
THD	iShares MSCI Thailand ETF	56.31
SMIN	iShares MSCI India Small Cap ETF	56.07

Emerging 1-Day Performance Laggards

Ticker	Fund	Performance
EPHE	iShares MSCI Philippines ETF	-2.22%
TUR	iShares MSCI Turkey ETF	-2.16%
EZA	iShares MSCI South Africa ETF	-1.28%
FXI	iShares China Large-Cap ETF	-1.11%
PGJ	Invesco Golden Dragon China ETF	-1.06%
ADRE	Invesco BDRS Emerging Markets 50 ADR Index Fund	-0.79%
FNI	First Trust Chindia ETF	-0.77%
QAT	iShares MSCI Qatar ETF	-0.73%
MFEM	PIMCO RAFI Dynamic Multi-Factor Emerging Markets Eq..	-0.70%
IDX	VanEck Indonesia Index ETF	-0.65%

Emerging Most Oversold

Ticker	Fund	Value
MFEM	PIMCO RAFI Dynamic Multi-Factor Emerging Market..	22.62
KBA	KraneShares Bosera MSCI China A Share ETF	28.32
LDEM	iShares ESG MSCI EM Leaders ETF	40.39
RSX	VanEck Russia ETF	40.55
EPHE	iShares MSCI Philippines ETF	41.56
FXI	iShares China Large-Cap ETF	42.65
NUEM	Nuveen ESG Emerging Markets Equity ETF	42.83
ECH	iShares MSCI Chile ETF	42.87
INDY	iShares India 50 ETF	43.04
TUR	iShares MSCI Turkey ETF	43.18

\*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	-0.04%	-0.36%	-1.77%
SHY	1-3 Year Treasury Bonds	-0.01%	-0.21%	-0.71%
IEF	7-10 Year Treasury Bonds	-0.11%	-0.52%	-3.33%
TLT	20+ Year Treasury Bonds	0.20%	-2.01%	-4.60%
TIP	TIPS Bonds	-0.12%	0.40%	5.67%
FLOT	Floating Rate Bonds	0.06%	0.06%	0.45%
LQD	Investment Grade Corporate	-0.15%	-0.03%	-1.84%
HYG	High Yield Corporate	-0.02%	2.28%	3.75%
BKLN	Senior Loan	0.23%	1.63%	2.32%
PFF	Preferred & Income Securities	0.25%	3.32%	7.14%
MUB	Municipal Bonds	-0.08%	-0.01%	1.02%
MBB	MBS	0.07%	-0.13%	-1.43%
EMB	Dollar Denominated EM Bonds	-0.12%	2.16%	-2.24%
LEMB	Local Currency EM Bond	0.00%	0.60%	-9.91%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	-0.14%	3.95%	31.05%
DBE	Energy	-1.39%	9.49%	57.56%
USO	WTI Crude Oil	-1.34%	13.46%	64.68%
BNO	Brent Crude Oil	-1.37%	11.82%	62.34%
UNG	Natural Gas	4.78%	-17.18%	35.76%
UGA	Gasoline	-2.41%	13.87%	68.49%
DBP	Precious Metals	0.70%	2.77%	-7.10%
GLD	Gold	0.68%	3.30%	-4.15%
SLV	Silver	0.80%	2.14%	-12.45%
PPLT	Platinum	0.35%	3.21%	-10.75%
PALL	Palladium	-3.39%	9.48%	-23.26%
DBB	Base Metals	1.00%	6.51%	28.97%
CPER	Copper	1.76%	3.82%	25.21%
LD	Lead	0.18%	1.68%	18.28%
JJN	Nickel	1.63%	4.39%	24.60%
JJU	Aluminum	0.56%	6.69%	38.96%
JJT	Tin	-0.72%	-0.44%	119.91%
DBA	Agriculture	-0.35%	2.01%	22.37%
CORN	Corn	-0.14%	2.43%	38.25%
SOYB	Soybeans	0.22%	7.31%	16.85%
WEAT	Wheat	-1.20%	-2.51%	19.39%
CANE	Sugar	0.77%	2.56%	36.30%
BAL	Cotton	-1.42%	6.56%	42.17%
NIB	Cocoa	-1.36%	9.02%	-6.83%
JO	Coffee	-1.54%	-2.82%	63.65%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	-0.43%	-0.27%	5.73%
UDN	Short Dollar	0.40%	0.05%	-7.03%
FXE	Euro	0.52%	0.25%	-7.83%
FXB	British Pound Sterling	0.18%	1.64%	-1.54%
FXF	Swiss Franc	0.27%	0.60%	-4.08%
FXJ	Japanese Yen	-0.04%	-1.94%	-10.90%
FXC	Canadian Dollar	0.82%	1.08%	0.22%
FXA	Australian Dollar	0.25%	1.93%	-6.17%

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