

Large Cap Blend (S&P 500) IVV



Mid Cap Blend (S&P 400) IJH

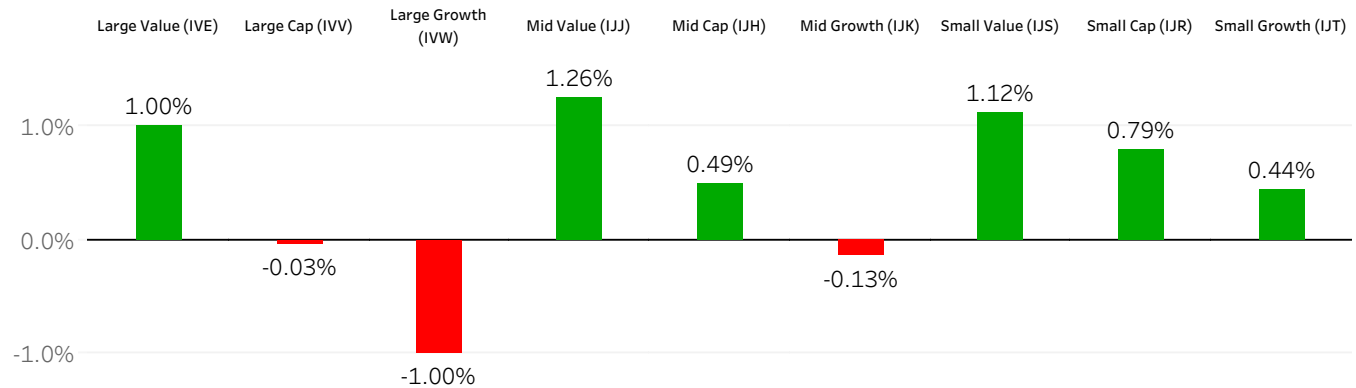


Small Cap Blend (S&P 600) IJR



■ 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
SPVU	Invesco S&P 500 Enhanced Value ETF	2.54%
RPV	Invesco S&P 500 Pure Value ETF	2.28%
SPDV	AAM S&P 500 High Dividend Value ETF	2.02%
SYLD	Cambria Shareholder Yield ETF	2.01%
DDIV	First Trust Dorsey Wright Momentum & Dividend ETF	1.80%
RFV	Invesco S&P Midcap 400 Pure Value ETF	1.78%
VFVA	Vanguard U.S. Value Factor ETF	1.77%
AVUV	Avantis U.S. Small Cap Value ETF	1.76%
RZV	Invesco S&P Smallcap 600 Pure Value ETF	1.72%
VLUE	iShares MSCI USA Value Factor ETF	1.72%

Size & Style Most Overbought

Ticker	Fund	Price
DHS	WisdomTree U.S. High Dividend Fund	74.01
FDL	First Trust Morningstar Dividend Leaders Index Fund	73.24
SPHD	Invesco S&P 500 High Dividend Low Volatility ETF	72.91
VLUE	iShares MSCI USA Value Factor ETF	72.88
PEY	Invesco High Yield Equity Dividend Achievers ETF	72.75
DTN	WisdomTree U.S. Dividend ex-Financials Fund	72.61
SPYD	SPDR Portfolio S&P 500 High Dividend ETF	72.43
RFDA	RiverFront Dynamic US Dividend Advantage ETF	72.30
CDC	VictoryShares US EQ Income Enhanced Volatility Wtd ETF	71.45
SPVU	Invesco S&P 500 Enhanced Value ETF	71.03

Size & Style 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
IPO	Renaissance IPO ETF	-3.98%
BUZZ	VanEck Social Sentiment ETF	-1.91%
MMLG	First Trust Multi-Manager Large Growth ETF	-1.88%
QQH	HCM Defender 100 Index ETF	-1.66%
UTRN	Vesper U.S. Large Cap Short-Term Reversal Strategy ETF	-1.65%
NULG	Nuveen ESG Large-Cap Growth ETF	-1.58%
SCHG	Schwab U.S. Large-Cap Growth ETF	-1.57%
DFNV	TrimTabs Donoghue Forlines Risk Managed Innovation E..	-1.54%
FCTR	First Trust Lunt U.S. Factor Rotation ETF	-1.51%
NUMG	Nuveen ESG Mid-Cap Growth ETF	-1.46%

Size & Style Most Oversold

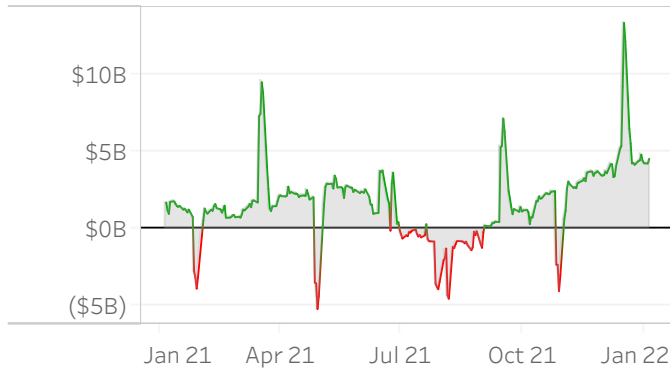
Ticker	Fund	Price
UTRN	Vesper U.S. Large Cap Short-Term Reversal Strategy..	23.37
NUMG	Nuveen ESG Mid-Cap Growth ETF	32.28
TTAC	FCF US Quality ETF	33.50
DFNV	TrimTabs Donoghue Forlines Risk Managed Innovati..	36.14
IPO	Renaissance IPO ETF	36.17
BIBL	Inspire 100 ETF	37.75
SQEW	LeaderShares Equity Skew ETF	39.74
DWEQ	AdvisorShares Dorsey Wright Alpha Equal Weight E..	39.93
AIEQ	AI Powered Equity ETF	40.00
NULG	Nuveen ESG Large-Cap Growth ETF	41.17

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

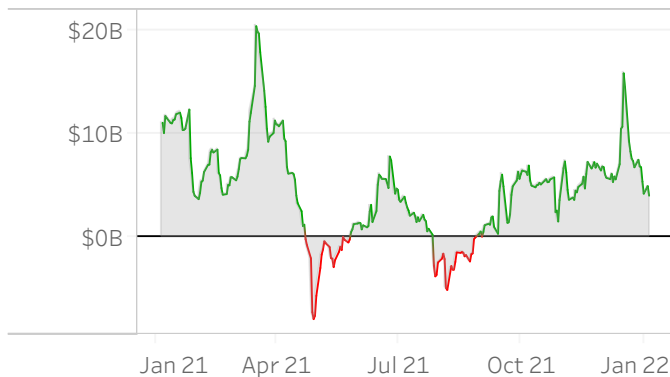
Large-Cap 30-Day Rolling Flows



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	24	\$1,442B	\$10.55B	\$74.51B	\$104.33B	\$153.78B
Large Cap, Beta Growth, Beta: Growth	10	\$285B	\$0.54B	\$4.41B	\$10.80B	\$9.60B
Mid Cap, Beta, Beta	10	\$200B	\$0.48B	\$6.81B	\$7.33B	\$12.53B
Mid Cap, Beta, Beta: Growth	6	\$42B	\$0.17B	\$1.11B	\$1.13B	(\$1.42B)
Large Cap, Beta Growth, Beta: Value	11	\$218B	\$0.12B	\$6.50B	\$10.06B	\$30.00B
Small Cap, Beta, Beta: Value	7	\$59B	(\$0.01B)	\$0.81B	(\$0.36B)	\$6.72B
Mid Cap, Beta, Beta: Value	6	\$43B	(\$0.02B)	\$0.59B	\$0.62B	\$3.61B
Small Cap, Beta, Beta: Growth	7	\$40B	(\$0.04B)	\$0.87B	\$1.17B	\$1.44B
Small Cap, Beta, Beta	12	\$231B	(\$0.61B)	\$7.92B	\$11.58B	\$21.28B

U.S. Size & Style Flow Leaders

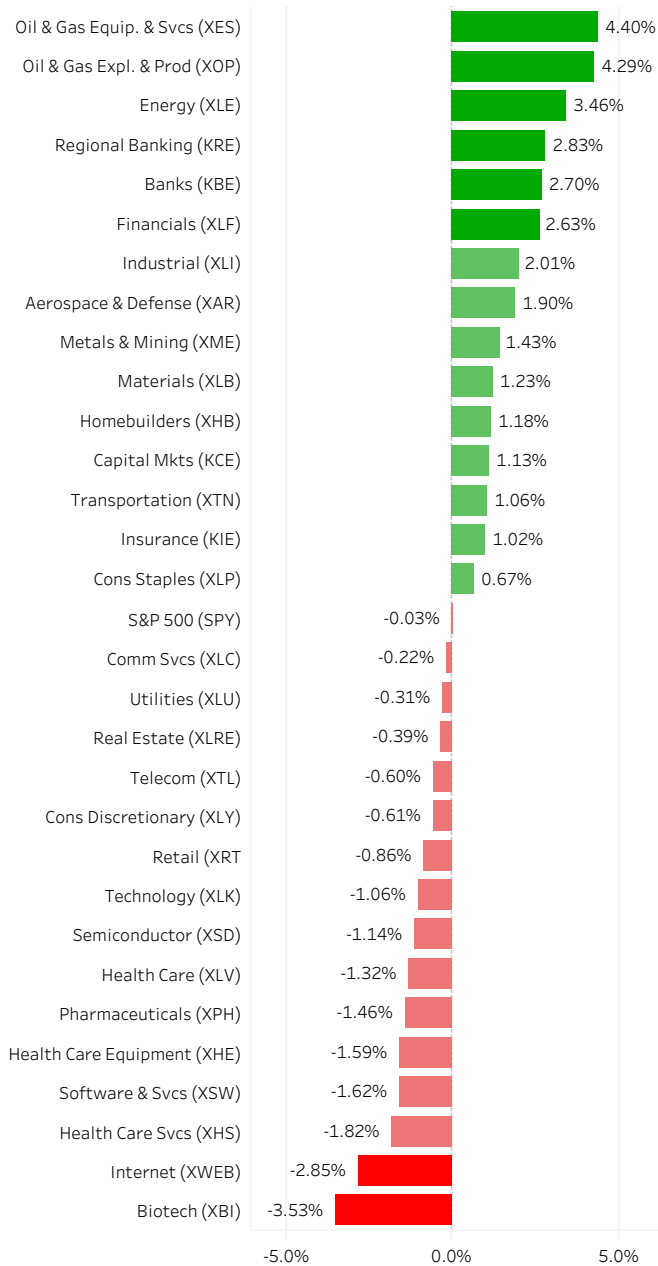
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
SPY	SPDR S&P 500 ETF Trust	\$6.64B	\$33.17B	\$39.62B	\$37.79B	\$460.75B
IVV	iShares Core S&P 500 ETF	\$2.81B	\$19.46B	\$19.18B	\$30.97B	\$339.51B
VTI	Vanguard Total Stock Market ETF	\$0.95B	\$12.64B	\$24.24B	\$44.22B	\$301.07B
QQQ	Invesco QQQ Trust	\$0.78B	\$12.32B	\$17.15B	\$22.89B	\$217.63B
SPLV	Invesco S&P 500 Low Volatility ETF	\$0.68B	\$1.18B	\$0.84B	(\$0.19B)	\$9.54B
VO	Vanguard Mid-Cap ETF	\$0.37B	\$2.78B	\$4.34B	\$6.52B	\$57.71B
VTV	Vanguard Value ETF	\$0.34B	\$2.88B	\$5.25B	\$15.36B	\$93.26B
IJR	iShares Core S&P Small Cap ETF	\$0.26B	\$3.81B	\$3.08B	\$5.51B	\$76.44B
DIA	SPDR Dow Jones Industrial Average ETF Trust	\$0.24B	(\$0.22B)	(\$1.81B)	\$1.35B	\$30.61B
SCHD	Schwab US Dividend Equity ETF	\$0.18B	\$1.06B	\$3.37B	\$9.90B	\$31.38B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
IWM	iShares Russell 2000 ETF	(\$1.22B)	\$0.54B	\$1.91B	\$1.89B	\$69.48B
USSG	Xtrackers MSCI USA ESG Leaders Equity ETF	(\$0.48B)	(\$0.29B)	(\$0.27B)	\$0.04B	\$3.86B
IWD	iShares Russell 1000 Value ETF	(\$0.44B)	\$2.53B	\$2.57B	\$5.23B	\$59.82B
SUSL	iShares ESG MSCI USA Leaders ETF	(\$0.21B)	(\$0.08B)	\$0.17B	\$0.47B	\$4.26B
VOO	Vanguard S&P 500 ETF	(\$0.16B)	\$4.68B	\$18.94B	\$46.09B	\$280.67B
IJJ	iShares S&P Mid-Cap 400 Value ETF	(\$0.10B)	(\$0.43B)	(\$0.30B)	\$1.30B	\$8.93B
VIG	Vanguard Dividend Appreciation ETF	(\$0.08B)	\$1.80B	\$3.34B	\$4.50B	\$69.46B
MDY	SPDR S&P Midcap 400 ETF Trust	(\$0.08B)	\$0.60B	(\$0.32B)	\$0.10B	\$22.09B
SLYV	SPDR S&P 600 Small Cap Value ETF	(\$0.06B)	\$0.16B	\$0.20B	\$0.59B	\$4.32B
IWO	iShares Russell 2000 Growth ETF	(\$0.06B)	\$0.49B	\$0.71B	\$0.25B	\$12.46B

\* 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	0.00%	50.56%	4.76%	12.26%	65.98
XLP	Consumer Staples Select Sector SPDR Fund	0.00%	22.62%	5.58%	8.84%	72.12
SPY	SPDR S&P 500 ETF Trust	-0.03%	29.04%	2.44%	8.65%	60.13
XLI	Industrial Select Sector SPDR Fund	-0.07%	26.28%	2.22%	3.88%	60.97
XLB	Materials Select Sector SPDR Fund	-0.09%	28.16%	3.07%	6.96%	60.67
XLF	Financial Select Sector SPDR Fund	-0.12%	40.14%	3.06%	7.39%	64.74
XLY	Consumer Discretionary Select Sector SPDR Fund	-1.13%	34.14%	2.31%	12.82%	59.74
XLU	Utilities Select Sector SPDR Fund	-1.30%	21.06%	3.38%	6.03%	59.06
XLRE	Real Estate Select Sector SPDR Fund	-1.31%	41.63%	4.25%	11.50%	60.97
XLK	Technology Select Sector SPDR Fund	-1.69%	38.01%	2.70%	13.32%	54.12
XLV	Health Care Select Sector SPDR Fund	-2.75%	24.19%	2.05%	6.47%	51.64
XLC	Communication Services Select Sector SPDR Fund	-9.30%	19.54%	-0.46%	-2.26%	51.55

### Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
PSCE	Invesco S&P SmallCap Energy ETF	4.86%
PXE	Invesco Dynamic Energy Exploration & Production ..	4.76%
XES	SPDR S&P Oil & Gas Equipment & Services ETF	4.40%
FCG	First Trust Natural Gas ETF	4.37%
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	4.29%
PXI	Invesco DWA Energy Momentum ETF	4.25%
IEO	iShares U.S. Oil & Gas Exploration & Production ETF	4.09%
RYE	Invesco S&P 500 Equal Weight Energy ETF	4.05%
IEZ	iShares U.S. Oil Equipment & Services ETF	4.01%
FTXN	First Trust Nasdaq Oil & Gas ETF	4.00%

### Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
KBWY	Invesco KBW Premium Yield Equity REIT ETF	78.04
IYK	iShares U.S. Consumer Staples ETF	77.27
DFRA	Donoghue Forlines Yield Enhanced Real Asset ETF	75.44
VDC	Vanguard Consumer Staples ETF	75.09
FXG	First Trust Consumer Staples AlphaDEX Fund	74.08
RHS	Invesco S&P 500 Equal Weight Consumer Staples ETF	73.59
FSTA	FIDELITY COVINGTON TRUST MSCI CONSUMER STAPLES..	72.63
PSCC	Invesco S&P SmallCap Consumer Staples ETF	72.47
XLP	Consumer Staples Select Sector SPDR Fund	72.12
PBJ	Invesco Dynamic Food & Beverage ETF	71.10

### Sector & Industry 1 Day Performance Laggards

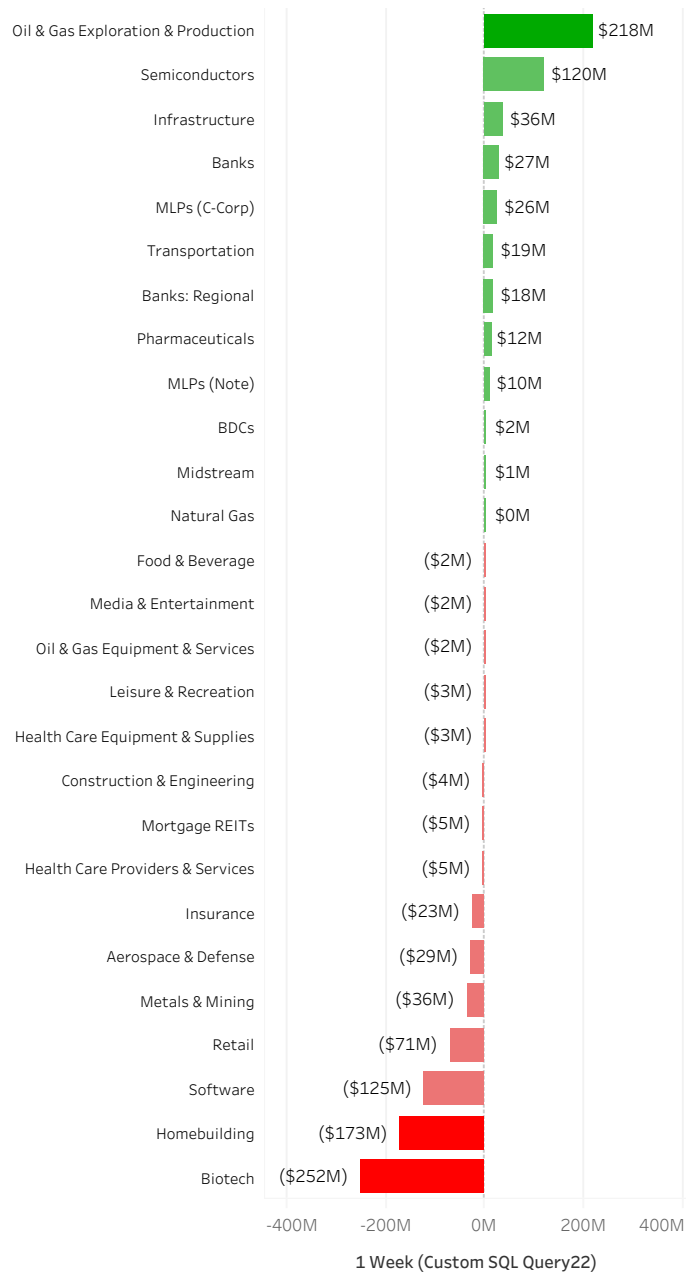
Ticker	Fund	1 Day Performance
PBE	Invesco Dynamic Biotechnology & Genome ETF	-3.77%
XBI	SPDR S&P BIOTECH ETF	-3.53%
PTH	Invesco DWA Healthcare Momentum ETF	-3.45%
PSJ	Invesco Dynamic Software ETF	-3.03%
IBB	iShares Biotechnology ETF	-2.68%
FBT	First Trust NYSE Arca Biotechnology Index Fund	-2.46%
PNQI	Invesco NASDAQ Internet ETF	-2.35%
FDN	First Trust Dow Jones Internet Index Fund	-2.23%
IGV	iShares Expanded Tech-Software Sector ETF	-2.21%
FXH	First Trust Health Care AlphaDEX Fund	-2.19%

### Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
PSJ	Invesco Dynamic Software ETF	33.04
IGV	iShares Expanded Tech-Software Sector ETF	37.12
PNQI	Invesco NASDAQ Internet ETF	38.78
IBB	iShares Biotechnology ETF	39.36
FDN	First Trust Dow Jones Internet Index Fund	39.54
PTH	Invesco DWA Healthcare Momentum ETF	40.39
PBE	Invesco Dynamic Biotechnology & Genome ETF	41.08
XBI	SPDR S&P BIOTECH ETF	42.78
FXH	First Trust Health Care AlphaDEX Fund	43.56
FBT	First Trust NYSE Arca Biotechnology Index Fund	43.93

\* 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	9	\$20B	(\$53M)	(\$634M)	\$1,006M	\$1,047M
Consumer Discretionary	13	\$39B	(\$8M)	\$1,695M	\$706M	\$2,592M
Consumer Staples	12	\$23B	\$219M	\$862M	\$1,498M	(\$1,407M)
Energy	34	\$57B	\$676M	\$731M	\$1,046M	\$9,925M
Financials	28	\$85B	\$419M	\$2,485M	\$2,213M	\$20,086M
Health Care	26	\$95B	\$359M	\$4,225M	\$7,404M	\$5,552M
Industrial	14	\$35B	\$223M	(\$846M)	(\$3,557M)	\$23M
Materials	10	\$17B	\$25M	(\$106M)	(\$2,426M)	\$3,844M
Multi-Sector	19	\$26B	(\$157M)	\$1,573M	\$1,918M	\$4,513M
Real Estate	22	\$86B	\$1,078M	\$3,441M	\$6,426M	\$13,921M
Technology	24	\$162B	\$224M	\$4,565M	\$7,140M	\$5,506M
Utilities	10	\$21B	\$45M	(\$105M)	\$499M	\$112M

## U.S. Sector & Industry Flow Leaders

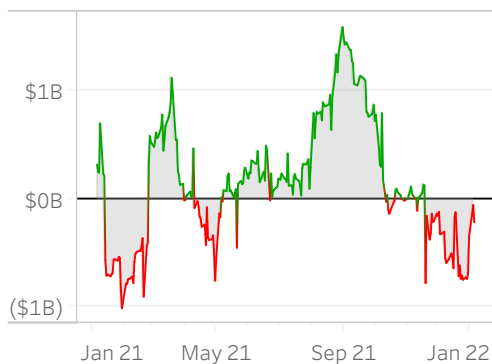
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLV	Health Care Select Sector SPDR Fund	\$579M	\$2,699M	\$4,676M	\$4,328M	\$35,926M
XLF	Financial Select Sector SPDR Fund	\$555M	\$2,557M	\$1,978M	\$10,578M	\$45,774M
VNQ	Vanguard Real Estate ETF	\$509M	\$2,065M	\$2,544M	\$6,721M	\$49,848M
XLE	Energy Select Sector SPDR Fund	\$384M	(\$754M)	\$350M	\$5,536M	\$27,463M
IYR	iShares U.S. Real Estate ETF	\$301M	(\$601M)	(\$123M)	\$841M	\$7,472M
FXR	First Trust Industrials/Producer Durables Alph..	\$279M	\$310M	\$104M	\$1,541M	\$2,170M
FXD	First Trust Consumer Discretionary AlphaDEX F..	\$246M	\$233M	\$262M	\$560M	\$2,211M
XOP	SPDR S&P Oil & Gas Exploration & Production E..	\$215M	(\$407M)	(\$364M)	(\$62M)	\$3,903M
XLK	Technology Select Sector SPDR Fund	\$192M	\$1,710M	\$1,952M	\$1,056M	\$52,529M
XLP	Consumer Staples Select Sector SPDR Fund	\$154M	\$477M	\$891M	(\$1,347M)	\$13,527M

## U.S. Sector & Industry Flow Laggards

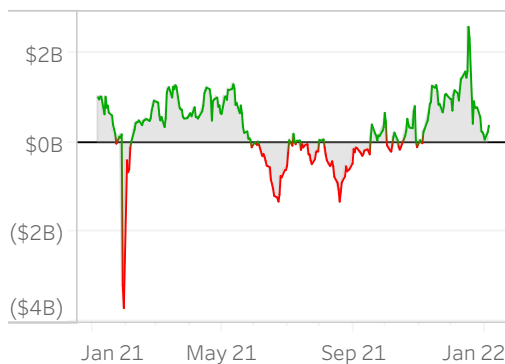
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XBI	SPDR S&P BIOTECH ETF	(\$182M)	\$1,151M	\$1,120M	\$1,777M	\$7,245M
XLY	Consumer Discretionary Select Sector SPDR Fu..	(\$177M)	\$990M	\$408M	\$254M	\$24,118M
XHB	SPDR S&P Homebuilders ETF	(\$161M)	\$455M	\$183M	\$428M	\$2,363M
FXO	First Trust Financials AlphaDEX Fund	(\$134M)	\$115M	(\$89M)	\$578M	\$1,543M
IGV	iShares Expanded Tech-Software Sector ETF	(\$117M)	\$386M	\$937M	(\$599M)	\$5,804M
XLI	Industrial Select Sector SPDR Fund	(\$99M)	(\$1,307M)	(\$2,573M)	(\$2,000M)	\$17,246M
PJP	Invesco Dynamic Pharmaceuticals ETF	(\$79M)	(\$93M)	(\$11M)	(\$37M)	\$361M
XRT	SPDR S&P Retail ETF	(\$71M)	\$22M	(\$367M)	(\$142M)	\$718M
IBB	iShares Biotechnology ETF	(\$62M)	(\$17M)	(\$111M)	(\$372M)	\$10,016M
XLC	Communication Services Select Sector SPDR Fu..	(\$58M)	(\$500M)	\$622M	\$244M	\$14,191M

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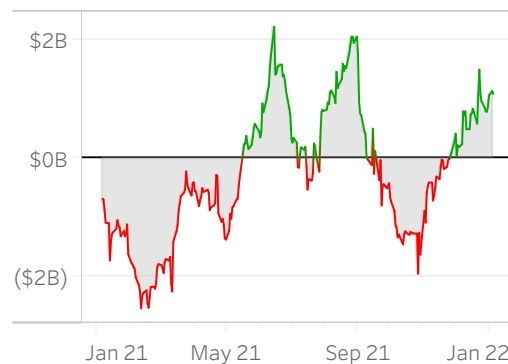
Communication Services



Consumer Discretionary



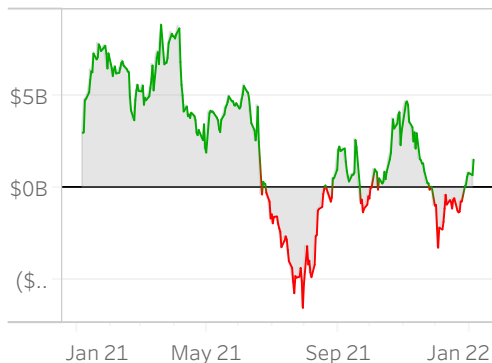
Consumer Staples



Energy



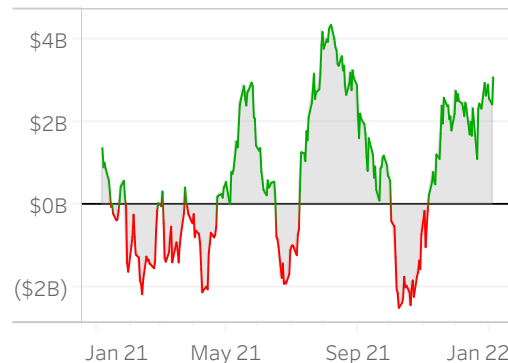
Financials



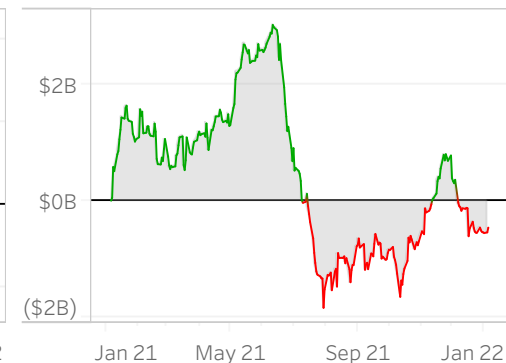
Industrial



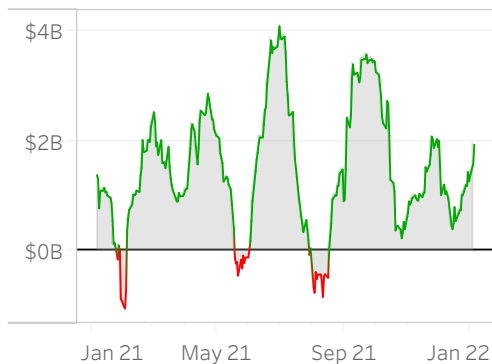
Health Care



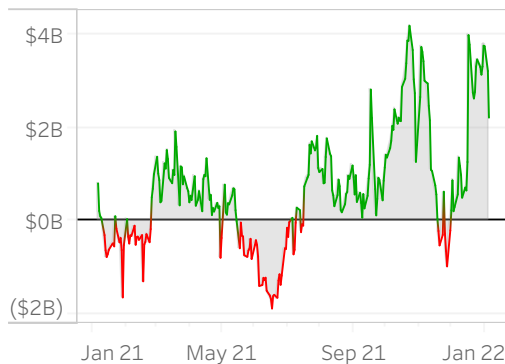
Materials



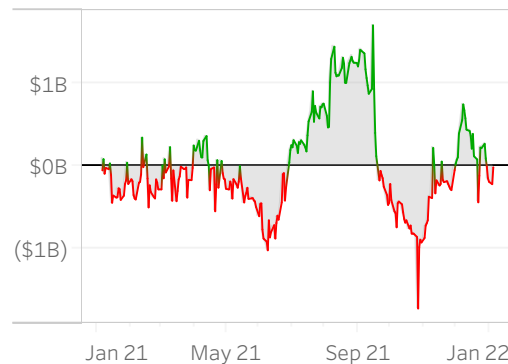
Real Estate



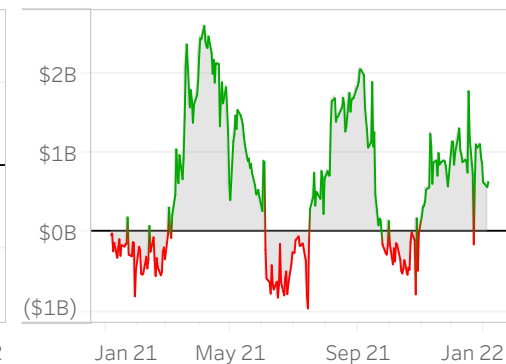
Technology



Utilities

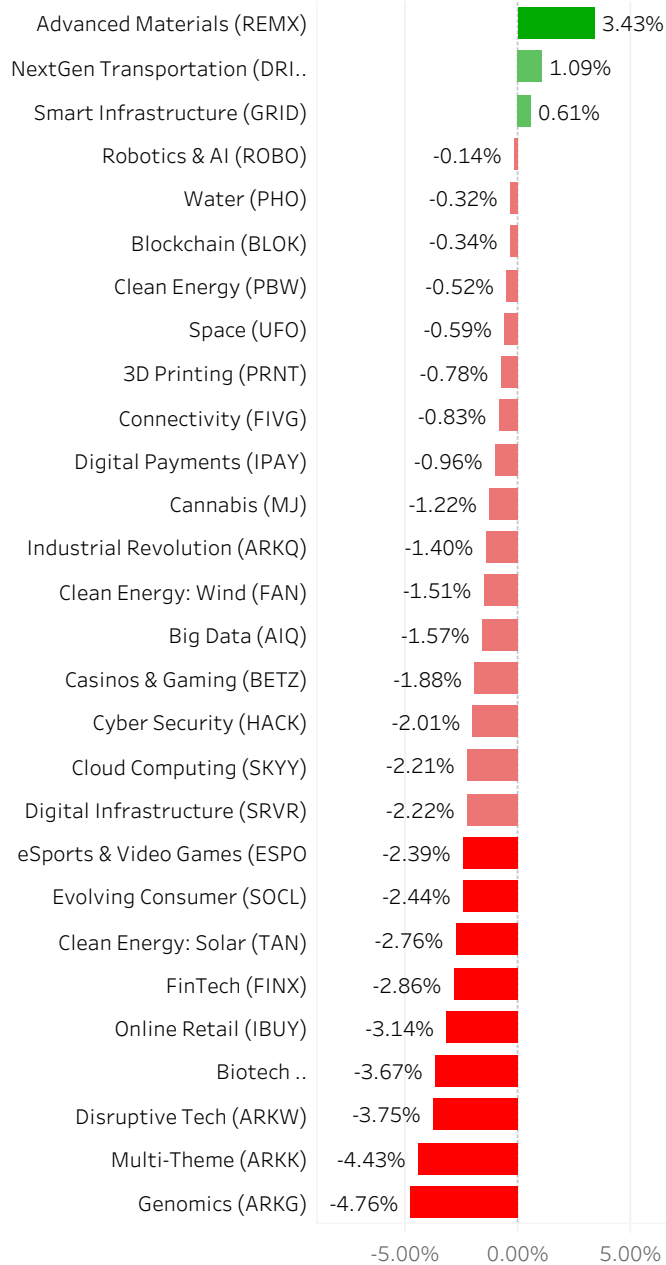


Multi-Sector

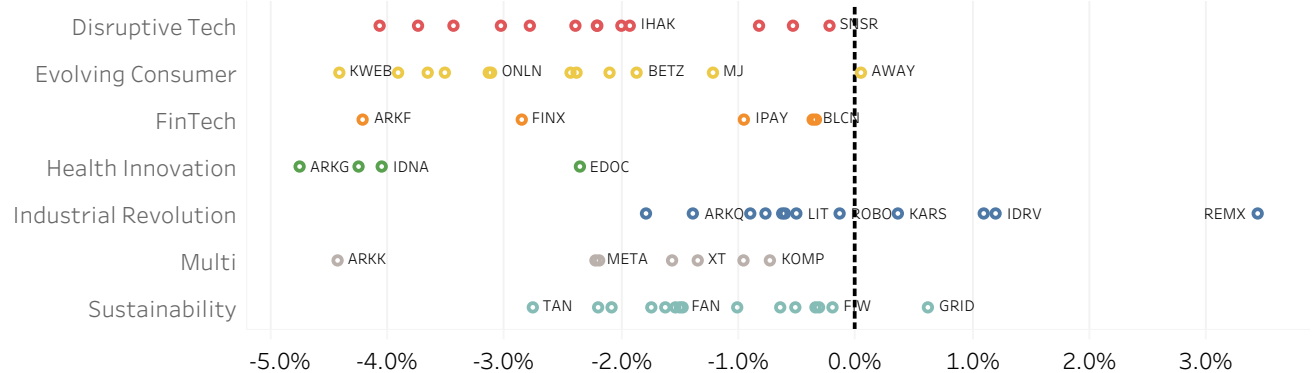


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## Global Thematic Segment 1-Day Performance



## Global Thematic 1-Day Performance Landscape



## Global Thematic 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
REMX	VanEck Rare Earth/Strategic Metals ETF	3.43%
IDRV	iShares Self-driving EV & Tech ETF	1.19%
DRIV	Global X Autonomous & Electric Vehicles ETF	1.09%
EVX	VanEck Environmental Services ETF	0.95%
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure..	0.61%
LEGR	First Trust Indxx Innovative Transaction & Process ETF	0.43%
KARS	KraneShares Electric Vehicles & Future Mobility Index ETF	0.36%
EBLU	Ecofin Global Water ESG Fund	0.20%
KLDW	Knowledge Leaders Developed World ETF	0.14%
HAIL	SPDR S&P Kensho Smart Mobility ETF	0.05%

## Thematic Most Overbought

Ticker	Fund	Price
LEGR	First Trust Indxx Innovative Transaction & Process ETF	62.41
DRIV	Global X Autonomous & Electric Vehicles ETF	62.10
IDRV	iShares Self-driving EV & Tech ETF	60.34
REMX	VanEck Rare Earth/Strategic Metals ETF	58.42
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure ..	57.18
NXTG	First Trust Indxx NextG ETF	57.07
FIVG	Defiance Next Gen Connectivity ETF	56.22
QTUM	Defiance Quantum ETF	55.89
SNSR	Global X Internet of Things ETF	54.92
EBLU	Ecofin Global Water ESG Fund	54.90

## Global Thematic 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
ARKG	ARK Genomic Revolution ETF	-4.76%
ARKK	ARK Innovation ETF	-4.43%
KWEB	KraneShares CSI China Internet ETF	-4.42%
GNOM	Global X Genomics & Biotechnology ETF	-4.25%
ARKF	ARK Fintech Innovation ETF	-4.22%
WCLD	WisdomTree Cloud Computing Fund	-4.07%
IDNA	iShares Genomics Immunology and Healthcare ETF Ge..	-4.06%
MSOS	AdvisorShares Pure US Cannabis ETF	-3.92%
KEMQ	KraneShares Emerging Markets Consumer Technology..	-3.88%
ARKW	ARK Next Generation Internet ETF	-3.75%

## Thematic Most Oversold

Ticker	Fund	Price
ENTR	ERShares Entrepreneurs ETF	14.22
FINX	Global X FinTech ETF	29.81
BLOK	Amplify Transformational Data Sharing ETF	30.35
CLOU	Global X Cloud Computing ETF	30.70
IDNA	iShares Genomics Immunology and Healthcare ETF Geno..	31.13
DAPP	VanEck Digital Transformation ETF	31.24
KWEB	KraneShares CSI China Internet ETF	32.34
KEMQ	KraneShares Emerging Markets Consumer Technology In..	33.66
ARKF	ARK Fintech Innovation ETF	33.97
WCLD	WisdomTree Cloud Computing Fund	34.04

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## Thematic 1 Week Flow Leaders

Ticker	Fund	
META	Roundhill Ball Metaverse ETF	\$41M
MSOS	AdvisorShares Pure US Cannabis ETF	\$33M
KOMP	SPDR S&P Kensho New Economies Composite ETF	\$29M
IDRV	iShares Self-driving EV & Tech ETF	\$22M
KARS	KraneShares Electric Vehicles & Future Mobility Index ETF	\$16M
BKCH	Global X Blockchain ETF	\$13M
ERTH	Invesco MSCI Sustainable Future ETF	\$13M
SARK	Tuttle Capital Short Innovation ETF	\$11M
DRIV	Global X Autonomous & Electric Vehicles ETF	\$10M
LRNZ	TrueShares Technology; AI & Deep Learning ETF	\$9M

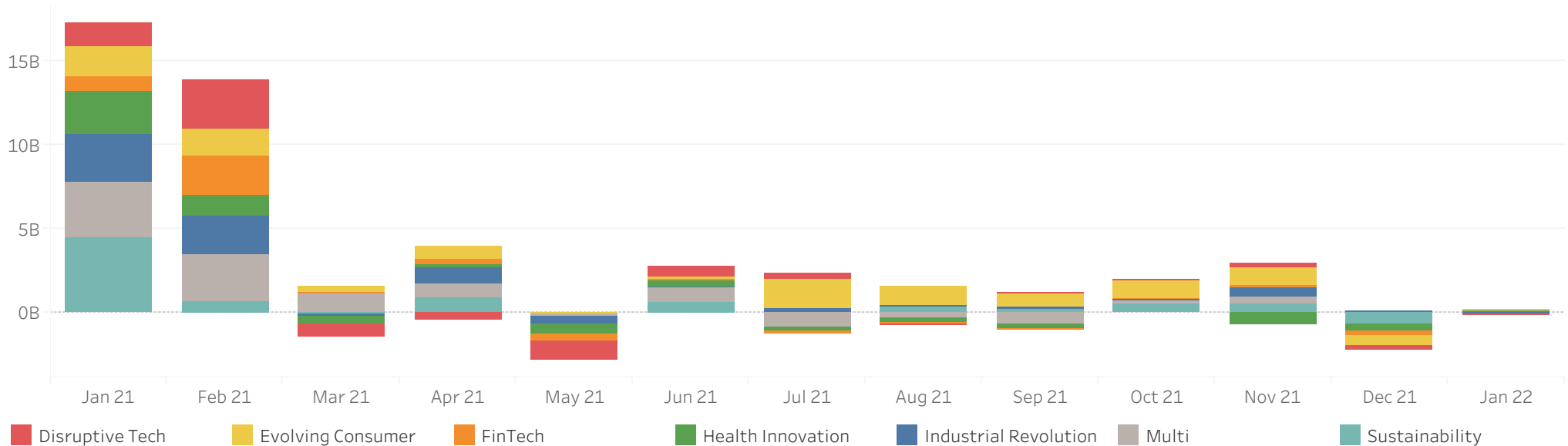
## Thematic 1 Week Flow Laggards

Ticker	Fund	
ARKK	ARK Innovation ETF	(\$202M)
KWEB	KraneShares CSI China Internet ETF	(\$109M)
ARKF	ARK Fintech Innovation ETF	(\$71M)
ICLN	iShares Global Clean Energy ETF	(\$59M)
ARKW	ARK Next Generation Internet ETF	(\$43M)
CLOU	Global X Cloud Computing ETF	(\$35M)
ARKG	ARK Genomic Revolution ETF	(\$33M)
IHAK	iShares Cybersecurity & Tech ETF	(\$31M)
TAN	Invesco Solar ETF	(\$24M)
ARKQ	ARK Autonomous Technology & Robotics ETF	(\$23M)

## Thematic Landscape Assets & Flows

Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	38	\$28B	(\$41M)	\$60M	\$375M	\$2,997M
Evolving Consumer	44	\$14B	\$32M	\$1,644M	\$5,076M	\$9,993M
FinTech	19	\$6B	(\$82M)	\$16M	(\$305M)	\$3,142M
Health Innovation	17	\$7B	(\$8M)	(\$963M)	(\$1,834M)	\$1,381M
Industrial Revolution	25	\$18B	\$25M	\$905M	\$1,398M	\$6,903M
Multi	30	\$26B	(\$11M)	\$216M	(\$871M)	\$7,407M
Sustainability	37	\$23B	(\$78M)	\$403M	\$838M	\$7,587M
Grand Total	210	\$123B	(\$163M)	\$2,280M	\$4,676M	\$39,410M

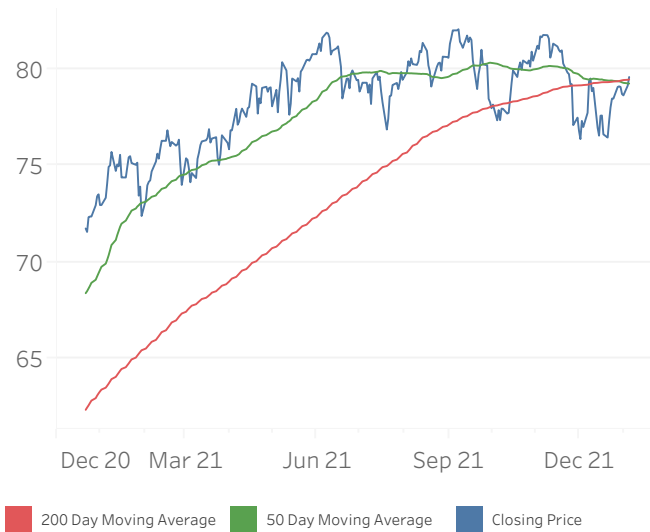
## Thematic Monthly Flows



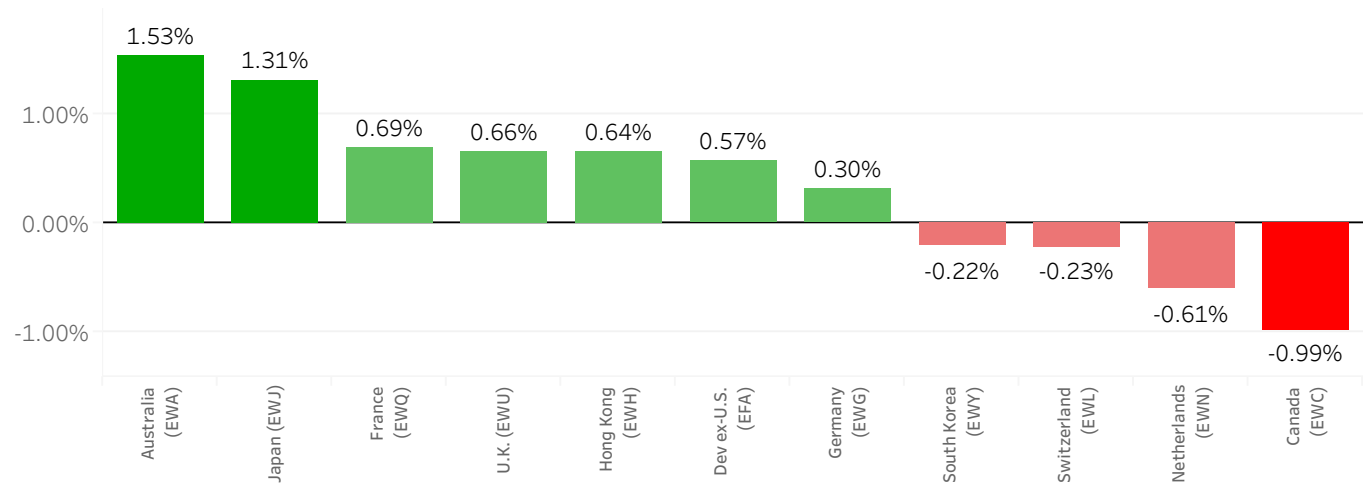
\* ETF Landscape represented using the ETF Action classification system\*\*Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify \*\*\*Flows delayed one day



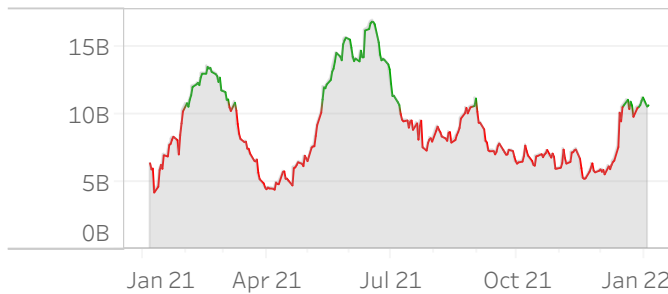
Developed ex-U.S. (EFA)



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



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



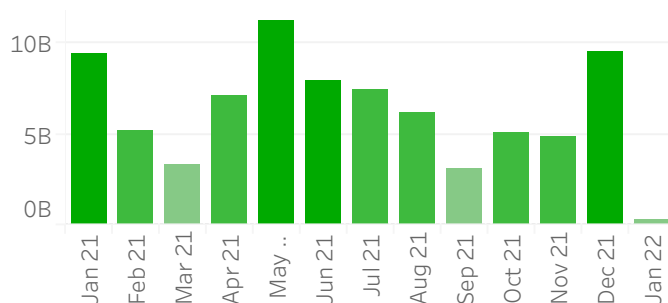
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
DXJ	WisdomTree Japan Hedged Equity Fund	2.52%
EWJV	iShares MSCI Japan Value ETF	2.20%
ENZL	iShares MSCI New Zealand ETF	2.12%
EWO	iShares MSCI Austria ETF	2.12%
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	2.05%
HEWJ	iShares Currency Hedged MSCI Japan ETF	2.04%
FLJP	Franklin FTSE Japan ETF	1.55%
EWA	iShares MSCI Australia ETF	1.53%
DFIV	Dimensional International Value ETF	1.42%
FNDF	Schwab Fundamental International Large Co. Index ETF	1.34%

Developed ex-U.S. Most Overbought

Ticker	Fund	Price
LVHI	Legg Mason International Low Volatility High Dividend ETF	68.88
EIRL	iShares MSCI Ireland ETF	68.02
FDD	First Trust Stoxx European Select Dividend Index Fund	67.96
DFE	WisdomTree Europe SmallCap Dividend Fund	67.93
FKU	First Trust United Kingdom AlphaDEX Fund	67.82
EUSC	WisdomTree Europe Hedged SmallCap Equity Fund	67.80
HDEF	Xtrackers MSCI EAFE High Dividend Yield Equity ETF	67.31
DOL	WisdomTree International LargeCap Dividend Fund	67.31
ICOW	Pacer Developed Markets International Cash Cows 100 ETF	66.92
FLGB	Franklin FTSE United Kingdom ETF	66.91

Developed ex-U.S. Monthly Flows



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

Ticker	Fund	1-Day Performance
PIZ	Invesco DWA Developed Markets Momentum ETF	-1.84%
EDEN	iShares MSCI Denmark ETF	-1.22%
ISRA	VanEck Israel ETF	-1.03%
EWC	iShares MSCI Canada ETF	-0.99%
BBCA	JPMorgan BetaBuilders Canada ETF	-0.86%
EWS	iShares MSCI Singapore ETF	-0.65%
EWN	iShares MSCI Netherlands ETF	-0.61%
AAXJ	iShares MSCI All Country Asia ex Japan ETF	-0.41%
EIS	iShares MSCI Israel ETF	-0.38%
IEUS	iShares MSCI Europe Small-Cap ETF	-0.26%

Developed ex-U.S. Most Oversold

Ticker	Fund	Price
EWS	iShares MSCI Singapore ETF	38.20
EWY	iShares MSCI South Korea ETF	43.86
FLKR	Franklin FTSE South Korea ETF	44.65
SCJ	iShares MSCI Japan Small-Cap ETF	45.20
RBIN	Nationwide Risk-Based International Equity ETF	45.33
EFAD	ProShares MSCI EAFE Dividend Growers ETF	45.81
BBJP	JPMorgan BetaBuilders Japan ETF	47.33
GREK	Global X MSCI Greece ETF	47.40
IMOM	Alpha Architect International Quantitative Moment...	47.64
AAXJ	iShares MSCI All Country Asia ex Japan ETF	47.83

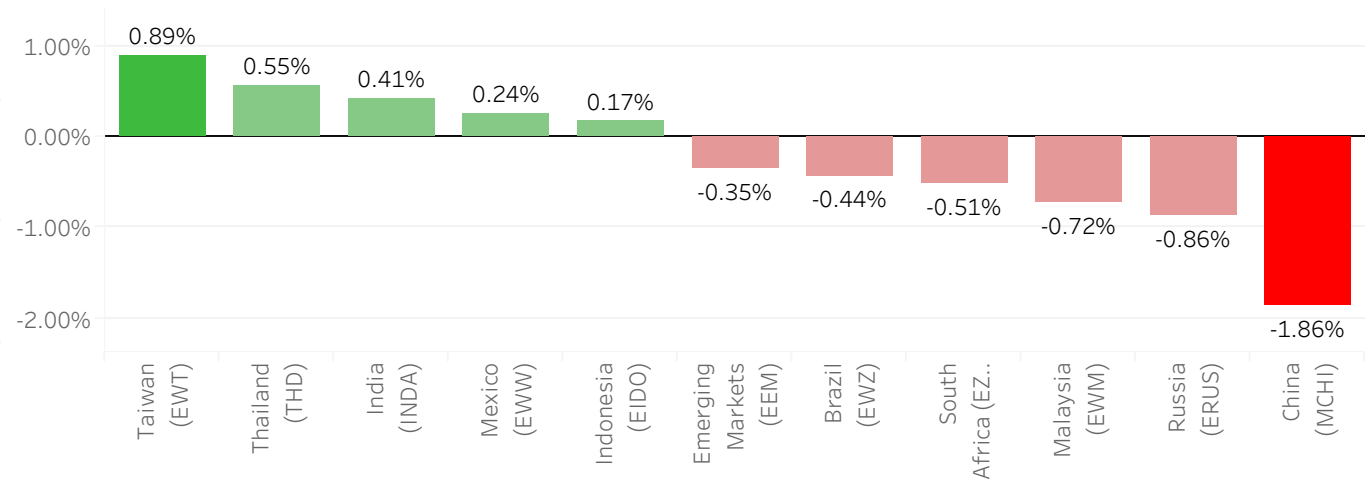
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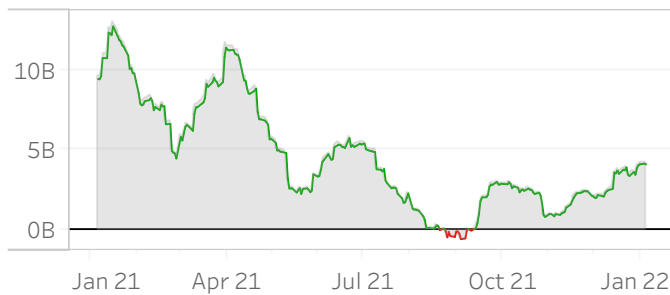
Emerging (EEM)



Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



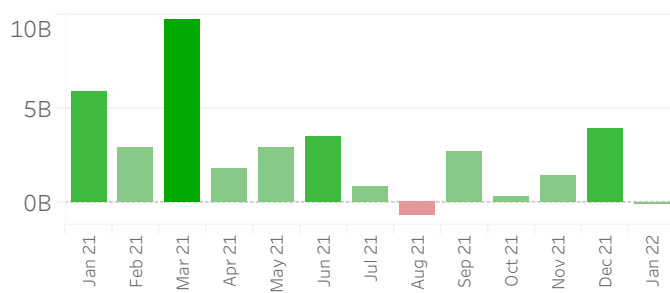
Emerging 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
EPU	iShares MSCI Peru ETF	1.64%
EWT	iShares MSCI Taiwan ETF	0.89%
QAT	iShares MSCI Qatar ETF	0.84%
INDY	iShares India 50 ETF	0.75%
EPOL	iShares MSCI Poland ETF	0.56%
THD	iShares MSCI Thailand ETF	0.55%
EPI	WisdomTree India Earnings Fund	0.46%
INDA	iShares MSCI India ETF	0.41%
EDIV	SPDR S&P Emerging Markets Dividend ETF	0.35%
PIN	Invesco India ETF	0.33%

Emerging Most Overbought

Ticker	Fund	Value
EPU	iShares MSCI Peru ETF	68.35
VNM	VanEck Vietnam ETF	68.34
GLIN	VanEck India Growth Leaders ETF	66.15
EWV	iShares MSCI Mexico ETF	66.11
EWT	iShares MSCI Taiwan ETF	64.92
EPOL	iShares MSCI Poland ETF	61.74
EYLD	Cambria Emerging Shareholder Yield ETF	61.72
FM	iShares MSCI Frontier and Select EM ETF	61.52
EPI	WisdomTree India Earnings Fund	61.13
SMIN	iShares MSCI India Small Cap ETF	60.88

Emerging Monthly Flows



Emerging 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
PGJ	Invesco Golden Dragon China ETF	-4.25%
FNI	First Trust Chindia ETF	-2.85%
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	-2.59%
EWZS	iShares MSCI Brazil Small-Cap ETF	-2.07%
MCHI	iShares MSCI China ETF	-1.86%
TUR	iShares MSCI Turkey ETF	-1.85%
FXI	iShares China Large-Cap ETF	-1.81%
FLCH	Franklin FTSE China ETF	-1.79%
GXC	SPDR S&P China ETF	-1.57%
CNYA	iShares MSCI China A ETF	-1.15%

Emerging Most Oversold

Ticker	Fund	Value
KBA	KraneShares Bosera MSCI China A Share ETF	26.16
MFEM	PIMCO RAFI Dynamic Multi-Factor Emerging Market..	26.52
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	37.48
FXI	iShares China Large-Cap ETF	37.93
EWZ	iShares MSCI Brazil ETF	38.04
EPHE	iShares MSCI Philippines ETF	38.33
FLBR	Franklin FTSE Brazil ETF	38.75
MCHI	iShares MSCI China ETF	39.28
PGJ	Invesco Golden Dragon China ETF	39.29
EWZS	iShares MSCI Brazil Small-Cap ETF	39.63

\*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	-0.01%	-1.45%	-0.69%
SHY	1-3 Year Treasury Bonds	0.06%	-0.21%	-0.06%
IEF	7-10 Year Treasury Bonds	-0.05%	-2.05%	-0.98%
TLT	20+ Year Treasury Bonds	-0.42%	-6.80%	-3.03%
TIP	TIPS Bonds	-0.38%	-0.74%	-0.95%
FLOT	Floating Rate Bonds	-0.05%	0.05%	-0.10%
LQD	Investment Grade Corporate	0.08%	-2.08%	-0.98%
HYG	High Yield Corporate	-0.25%	1.22%	-0.30%
BKLN	Senior Loan	0.09%	1.26%	0.05%
PFF	Preferred & Income Securities	-0.51%	2.03%	-1.24%
MUB	Municipal Bonds	0.01%	-0.07%	-0.09%
MBB	MBS	0.06%	-0.53%	-0.34%
EMB	Dollar Denominated EM Bonds	-0.06%	-0.33%	-1.05%
LEMB	Local Currency EM Bond	-0.40%	0.39%	-0.59%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	1.18%	5.84%	1.67%
DBE	Energy	1.09%	13.15%	2.75%
USO	WTI Crude Oil	1.39%	15.81%	2.26%
BNO	Brent Crude Oil	1.37%	14.40%	2.58%
UNG	Natural Gas	-2.58%	-6.68%	-0.40%
UGA	Gasoline	1.13%	17.27%	2.64%
DBP	Precious Metals	0.93%	1.96%	-0.78%
GLD	Gold	0.74%	1.76%	-0.81%
SLV	Silver	0.66%	2.25%	-0.88%
PPLT	Platinum	1.88%	4.27%	1.01%
PALL	Palladium	2.82%	4.11%	-1.17%
DBB	Base Metals	1.36%	7.91%	0.54%
CPER	Copper	1.11%	4.52%	0.18%
LD	Lead	0.38%	5.96%	-0.92%
JJN	Nickel	1.09%	4.75%	0.87%
JJU	Aluminum	0.87%	8.03%	0.70%
JJT	Tin	0.58%	0.29%	0.91%
DBA	Agriculture	0.66%	0.30%	0.25%
CORN	Corn	2.51%	2.61%	2.32%
SOYB	Soybeans	2.08%	7.88%	3.47%
WEAT	Wheat	1.65%	-4.15%	0.00%
CANE	Sugar	-0.43%	1.76%	-0.43%
BAL	Cotton	2.43%	11.29%	3.17%
NIB	Cocoa	-1.47%	-0.32%	-2.92%
JO	Coffee	3.99%	-4.41%	3.45%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	0.08%	0.16%	0.70%
UDN	Short Dollar	-0.02%	-0.25%	-0.67%
FXE	Euro	-0.11%	-0.33%	-0.83%
FXB	British Pound Sterling	0.39%	2.19%	0.05%
FXF	Swiss Franc	0.22%	0.07%	-0.51%
FXJ	Japanese Yen	-0.58%	-2.95%	-0.81%
FXC	Canadian Dollar	0.30%	0.93%	-0.55%
FXA	Australian Dollar	0.76%	3.32%	-0.35%

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