

Large Cap Blend (S&P 500) IVV



Mid Cap Blend (S&P 400) IJH

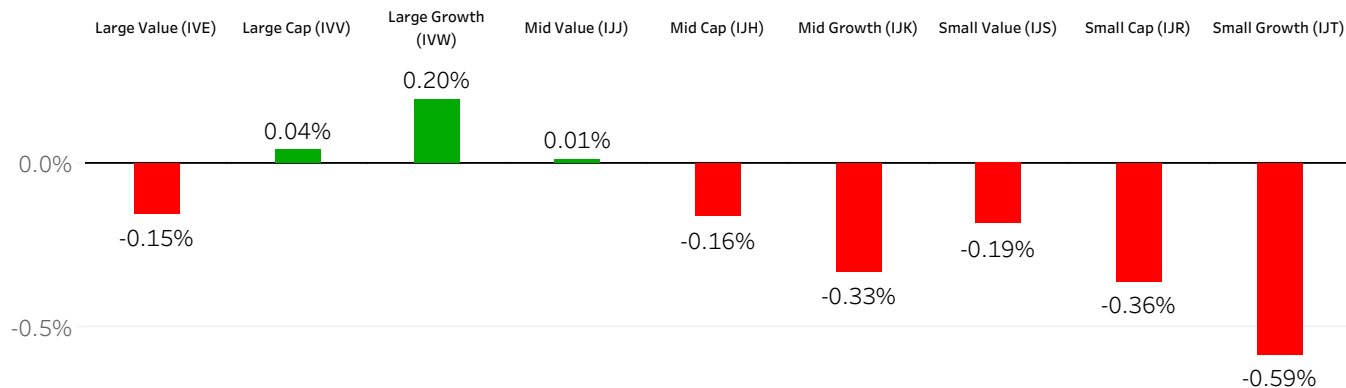


Small Cap Blend (S&P 600) IJR



■ 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
SPVM	Invesco S&P 500 Value with Momentum ETF	0.90%
RDVY	First Trust Rising Dividend Achievers ETF	0.86%
SPVU	Invesco S&P 500 Enhanced Value ETF	0.71%
QVAL	Alpha Architect U.S. Quantitative Value ETF	0.68%
PALC	Pacer Lunt Large Cap Multi-Factor Alternator ETF	0.67%
DUSA	Davis Select U.S. Equity ETF	0.66%
AVUV	Avantis U.S. Small Cap Value ETF	0.62%
SYLD	Cambria Shareholder Yield ETF	0.58%
QMOM	Alpha Architect U.S. Quantitative Momentum ETF	0.54%
SDVY	First Trust SMID Cap Rising Dividend Achievers ETF	0.48%

Size & Style Most Overbought

Ticker	Fund	Price
SPHD	Invesco S&P 500 High Dividend Low Volatility ETF	66.20
DEIF	Sterling Capital Diverse Multi-Manager Active ETF	65.49
FDL	First Trust Morningstar Dividend Leaders Index Fund	64.78
RDIV	Invesco S&P Ultra Dividend Revenue ETF	64.64
DIV	Global X SuperDividend US ETF	63.92
DHS	WisdomTree U.S. High Dividend Fund	63.80
WBIY	WBI Power Factor High Dividend ETF	62.43
SDOG	ALPS Sector Dividend Dogs ETF	60.71
SPYD	SPDR Portfolio S&P 500 High Dividend ETF	60.57
RPV	Invesco S&P 500 Pure Value ETF	60.54

Size & Style 1-Day Performance Laggards

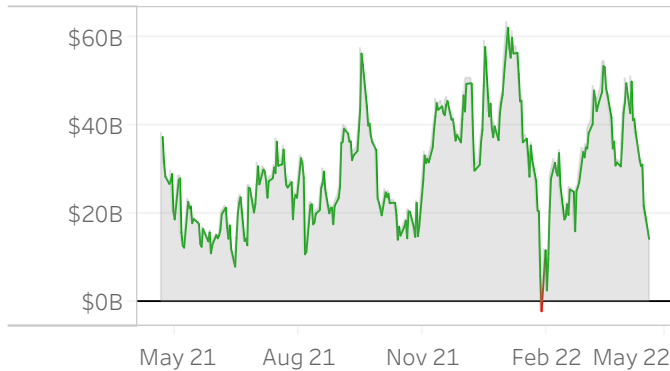
Ticker	Fund	Performance
IPO	Renaissance IPO ETF	-3.03%
TMFS	Motley Fool Small-Cap Growth ETF	-1.49%
TMFM	Motley Fool Mid-Cap Growth ETF	-1.45%
NUMG	Nuveen ESG Mid-Cap Growth ETF	-1.41%
FPX	First Trust US Equity Opportunities ETF	-1.40%
GURU	Global X Guru Index ETF	-1.34%
IWO	iShares Russell 2000 Growth ETF	-1.28%
SIXL	ETC 6 Meridian Low Beta Equity ETF	-1.27%
BUZZ	VanEck Social Sentiment ETF	-1.26%
VBK	Vanguard Small-Cap Growth ETF	-1.22%

Size & Style Most Oversold

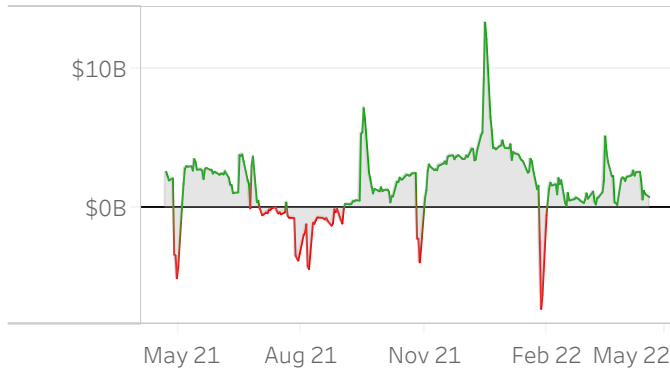
Ticker	Fund	Price
QQH	HCM Defender 100 Index ETF	35.86
PTNQ	Pacer Trendpilot 100 ETF	36.71
LGH	HCM Defender 500 Index ETF	37.46
AQGX	AI Quality Growth ETF	38.16
QVML	Invesco S&P 500 QVM Multi-factor ETF	38.38
NUMG	Nuveen ESG Mid-Cap Growth ETF	38.52
LCG	Sterling Capital Focus Equity ETF	38.67
RZG	Invesco S&P Smallcap 600 Pure Growth ETF	38.83
ETHO	Etho Climate Leadership U.S. ETF	39.15
SIXS	ETC 6 Meridian Small Cap Equity ETF	39.23

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

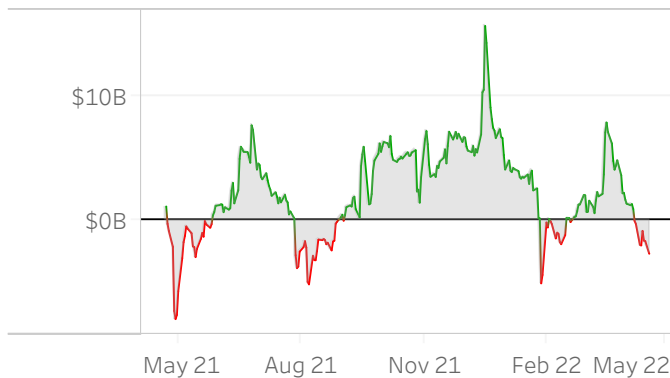
Large-Cap 30-Day Rolling Flows



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	\$1,308B	(\$13.44B)	\$18.84B	\$72.15B	\$124.28B
Large Cap, Beta Growth, Beta: Growth	10	\$242B	(\$0.21B)	\$3.63B	\$6.61B	\$15.23B
Large Cap, Beta Growth, Beta: Value	11	\$229B	(\$0.02B)	\$10.96B	\$18.21B	\$31.01B
Mid Cap, Beta, Beta	10	\$187B	(\$0.18B)	\$1.69B	\$7.50B	\$10.23B
Mid Cap, Beta, Beta: Growth	6	\$35B	\$0.00B	(\$0.45B)	\$0.34B	(\$0.74B)
Mid Cap, Beta, Beta: Value	6	\$43B	(\$0.58B)	(\$0.03B)	\$0.41B	\$2.02B
Small Cap, Beta, Beta	12	\$207B	(\$0.51B)	(\$0.05B)	\$6.06B	\$12.03B
Small Cap, Beta, Beta: Growth	7	\$33B	\$0.00B	\$0.10B	\$0.74B	\$0.40B
Small Cap, Beta, Beta: Value	7	\$54B	(\$0.07B)	(\$2.84B)	(\$2.33B)	(\$1.13B)

U.S. Size & Style Flow Leaders

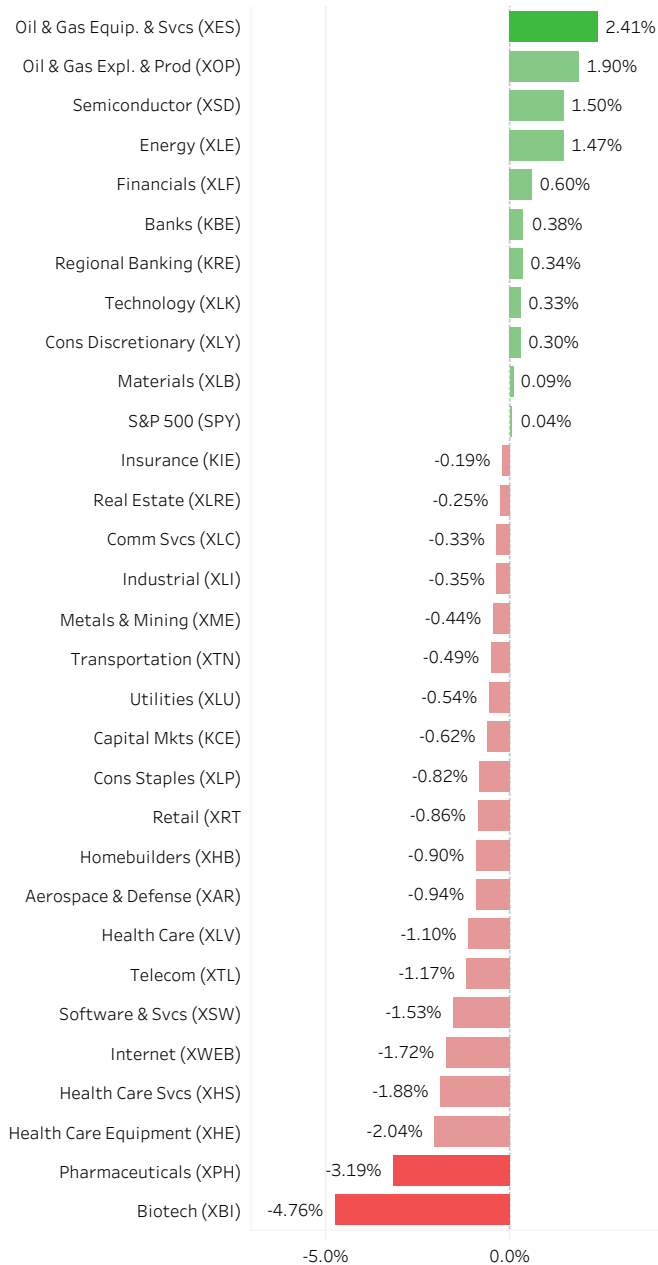
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
USMV	iShares MSCI USA Min Vol Factor ETF	\$0.50B	(\$0.15B)	\$0.55B	(\$2.33B)	\$28.87B
HDV	iShares Core High Dividend ETF	\$0.41B	\$1.56B	\$1.46B	\$2.15B	\$9.67B
VO	Vanguard Mid-Cap ETF	\$0.26B	\$0.86B	\$3.42B	\$6.13B	\$54.02B
SPLV	Invesco S&P 500 Low Volatility ETF	\$0.24B	\$0.39B	\$1.72B	\$1.07B	\$10.22B
OMFL	Invesco Russell 1000 Dynamic Multifactor ETF	\$0.24B	\$0.14B	\$0.35B	\$0.60B	\$2.09B
SCHD	Schwab US Dividend Equity ETF	\$0.19B	\$3.40B	\$5.24B	\$11.29B	\$34.92B
RSP	Invesco S&P 500 Equal Weight ETF	\$0.14B	\$2.36B	\$4.02B	\$6.72B	\$34.19B
VYM	Vanguard High Dividend Yield Index ETF	\$0.12B	\$2.16B	\$4.10B	\$5.34B	\$45.29B
SPSM	SPDR Portfolio S&P 600 Small Cap ETF	\$0.12B	\$0.32B	\$0.46B	\$0.66B	\$4.53B
VTI	Vanguard Total Stock Market ETF	\$0.12B	\$6.98B	\$20.46B	\$40.94B	\$282.41B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
IVV	iShares Core S&P 500 ETF	(\$5.54B)	\$11.16B	\$26.40B	\$29.43B	\$318.54B
VOO	Vanguard S&P 500 ETF	(\$4.62B)	\$18.66B	\$22.93B	\$45.41B	\$275.93B
QQQ	Invesco QQQ Trust	(\$2.81B)	\$0.00B	\$8.28B	\$16.79B	\$180.93B
IWM	iShares Russell 2000 ETF	(\$0.75B)	(\$2.04B)	(\$2.78B)	(\$2.52B)	\$57.98B
MDYV	SPDR S&P 400 Mid Cap Value ETF	(\$0.57B)	\$0.10B	\$0.08B	\$0.10B	\$1.61B
IVW	iShares S&P 500 Growth ETF	(\$0.28B)	\$0.21B	\$0.37B	\$0.44B	\$34.53B
XSLV	Invesco S&P SmallCap Low Volatility ETF	(\$0.22B)	(\$0.36B)	(\$0.40B)	(\$0.48B)	\$0.78B
MDY	SPDR S&P Midcap 400 ETF Trust	(\$0.21B)	(\$0.87B)	(\$0.86B)	(\$1.55B)	\$19.45B
IJH	iShares Core S&P Mid-Cap ETF	(\$0.20B)	\$0.57B	\$2.17B	\$2.19B	\$63.99B
IWB	iShares Russell 1000 ETF	(\$0.13B)	(\$0.29B)	(\$0.46B)	(\$0.28B)	\$29.31B

\* 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%	76.94%	9.49%	35.68%	65.20
XLP	Consumer Staples Select Sector SPDR Fund	-0.85%	13.65%	3.58%	6.44%	62.88
XLB	Materials Select Sector SPDR Fund	-1.62%	12.68%	4.33%	4.52%	60.02
XLU	Utilities Select Sector SPDR Fund	-1.66%	19.69%	6.55%	10.49%	63.68
XLV	Health Care Select Sector SPDR Fund	-4.00%	13.01%	2.57%	3.07%	50.45
XLRE	Real Estate Select Sector SPDR Fund	-6.12%	18.52%	3.86%	2.70%	54.73
XLI	Industrial Select Sector SPDR Fund	-7.03%	4.17%	-0.76%	-2.93%	42.92
SPY	SPDR S&P 500 ETF Trust	-8.32%	8.03%	-0.49%	-2.47%	44.62
XLF	Financial Select Sector SPDR Fund	-10.41%	5.70%	-3.25%	-3.92%	40.35
XLY	Consumer Discretionary Select Sector SPDR Fund	-15.36%	9.65%	0.04%	-4.84%	47.95
XLK	Technology Select Sector SPDR Fund	-16.72%	12.04%	-4.00%	-7.31%	40.01
XLC	Communication Services Select Sector SPDR Fund	-23.00%	4.15%	-2.37%	-13.71%	41.87

### Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
PXE	Invesco Dynamic Energy Exploration & Production ..	2.74%
XES	SPDR S&P Oil & Gas Equipment & Services ETF	2.41%
IEO	iShares U.S. Oil & Gas Exploration & Production ETF	1.97%
FCG	First Trust Natural Gas ETF	1.90%
IEZ	iShares U.S. Oil Equipment & Services ETF	1.90%
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	1.90%
PSCE	Invesco S&P SmallCap Energy ETF	1.83%
PXJ	Invesco Dynamic Oil & Gas Services ETF	1.82%
SOXX	iShares Semiconductor ETF	1.73%
RYE	Invesco S&P 500 Equal Weight Energy ETF	1.73%

### Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
PSCE	Invesco S&P SmallCap Energy ETF	72.85
PXE	Invesco Dynamic Energy Exploration & Production ETF	72.21
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	71.14
FXG	First Trust Consumer Staples AlphaDEX Fund	71.10
FCG	First Trust Natural Gas ETF	70.86
PYZ	Invesco DWA Basic Materials Momentum ETF	69.21
EMLP	First Trust North American Energy Infrastructure Fund	69.01
XME	SPDR S&P Metals & Mining ETF	68.79
FXZ	First Trust Materials AlphaDEX Fund	68.28
PXJ	Invesco Dynamic Oil & Gas Services ETF	68.06

### Sector & Industry 1 Day Performance Laggards

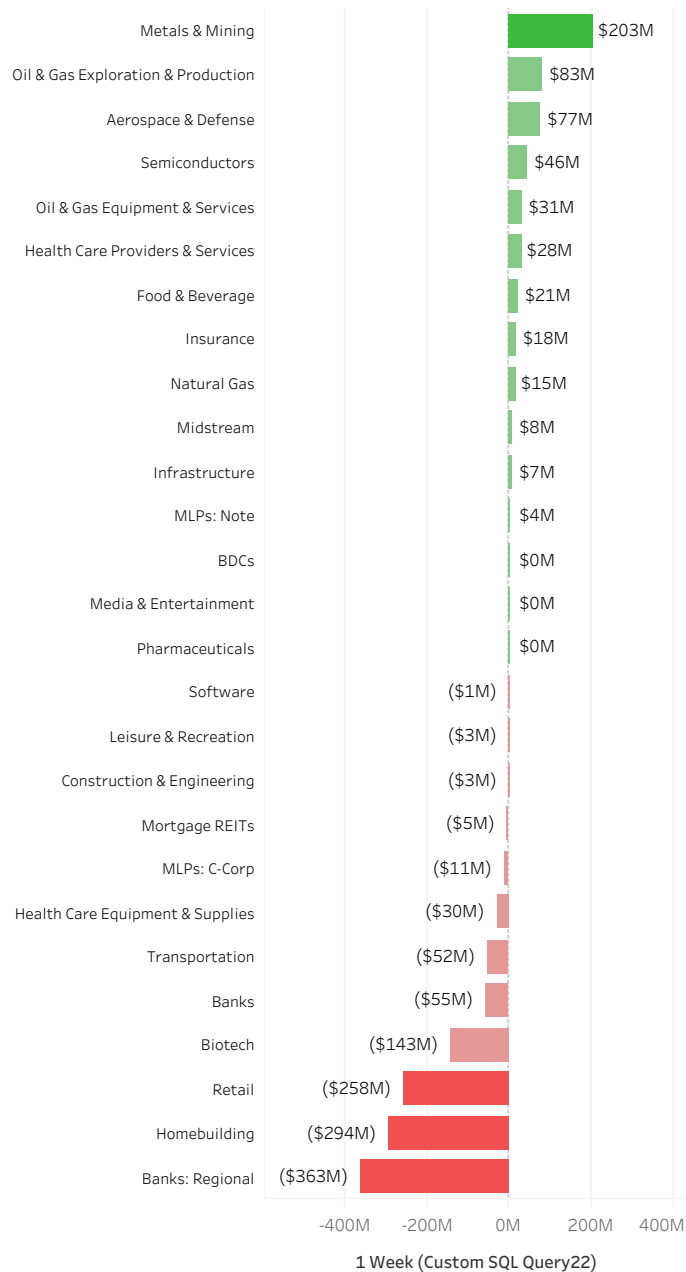
Ticker	Fund	1 Day Performance
XBI	SPDR S&P BIOTECH ETF	-4.76%
FBT	First Trust NYSE Arca Biotechnology Index Fund	-3.54%
XPH	SPDR S&P Pharmaceuticals ETF	-3.19%
IBB	iShares Biotechnology ETF	-2.87%
PBE	Invesco Dynamic Biotechnology & Genome ETF	-2.56%
PJP	Invesco Dynamic Pharmaceuticals ETF	-2.24%
PSCH	Invesco S&P SmallCap Health Care ETF	-2.13%
IHE	iShares U.S. Pharmaceuticals ETF	-2.07%
XHE	SPDR S&P Health Care Equipment ETF	-2.04%
PTH	Invesco DWA Healthcare Momentum ETF	-1.89%

### Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
IAT	iShares U.S. Regional Banks ETF	34.44
KBWB	Invesco KBW Bank ETF	35.33
XHB	SPDR S&P Homebuilders ETF	35.35
ITB	iShares U.S. Home Construction ETF	36.07
KBE	SPDR S&P Bank ETF	36.08
KRE	SPDR S&P Regional Banking ETF	36.15
QABA	First Trust NASDAQ ABA Community Bank Index Fund	36.31
KCE	SPDR S&P Capital Markets ETF	36.69
KBWR	Invesco KBW Regional Banking ETF	36.81
FTXO	First Trust Nasdaq Bank ETF	36.82

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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	\$16B	(\$304M)	(\$493M)	(\$1,476M)	\$310M
Consumer Discretionary	13	\$30B	(\$343M)	(\$2,796M)	(\$2,129M)	(\$2,693M)
Consumer Staples	12	\$27B	\$213M	\$2,644M	\$4,925M	\$5,901M
Energy	34	\$81B	\$549M	\$1,148M	\$4,450M	\$4,921M
Financials	28	\$75B	(\$679M)	(\$6,338M)	(\$1,156M)	\$2,712M
Health Care	26	\$94B	\$714M	\$3,468M	\$9,372M	\$12,572M
Industrial	14	\$33B	(\$219M)	(\$963M)	(\$1,216M)	(\$4,973M)
Materials	10	\$20B	\$239M	\$1,789M	\$2,633M	\$2,803M
Multi-Sector	18	\$18B	(\$361M)	(\$4,604M)	(\$3,329M)	(\$2,631M)
Real Estate	23	\$80B	\$248M	(\$2,279M)	\$2,358M	\$8,654M
Technology	24	\$133B	\$464M	(\$75M)	\$2,141M	\$6,747M
Utilities	10	\$25B	\$428M	\$2,133M	\$2,423M	\$2,629M

## U.S. Sector & Industry Flow Leaders

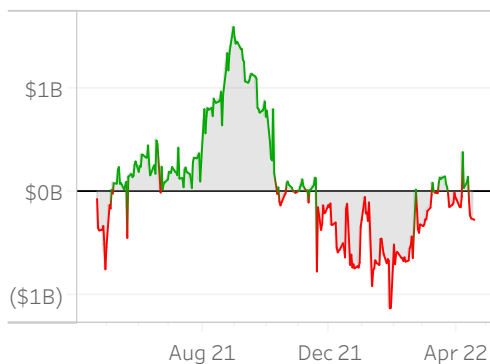
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLV	Health Care Select Sector SPDR Fund	\$785M	\$2,477M	\$6,547M	\$9,241M	\$38,845M
VGT	Vanguard Information Technology ETF	\$726M	\$129M	\$322M	\$3,002M	\$47,467M
XLE	Energy Select Sector SPDR Fund	\$382M	(\$1,271M)	\$64M	\$974M	\$38,718M
XLU	Utilities Select Sector SPDR Fund	\$350M	\$1,183M	\$1,307M	\$1,159M	\$15,531M
XME	SPDR S&P Metals & Mining ETF	\$203M	\$625M	\$708M	\$901M	\$3,817M
XLP	Consumer Staples Select Sector SPDR Fund	\$185M	\$1,762M	\$3,598M	\$4,440M	\$16,625M
VNQ	Vanguard Real Estate ETF	\$141M	\$360M	\$2,685M	\$5,440M	\$47,740M
IYR	iShares U.S. Real Estate ETF	\$93M	(\$2,049M)	(\$1,999M)	(\$1,732M)	\$5,213M
XLB	Materials Select Sector SPDR Fund	\$76M	(\$487M)	\$104M	(\$415M)	\$7,999M
XOP	SPDR S&P Oil & Gas Exploration & Production E..	\$70M	\$237M	(\$15M)	(\$470M)	\$5,911M

## U.S. Sector & Industry Flow Laggards

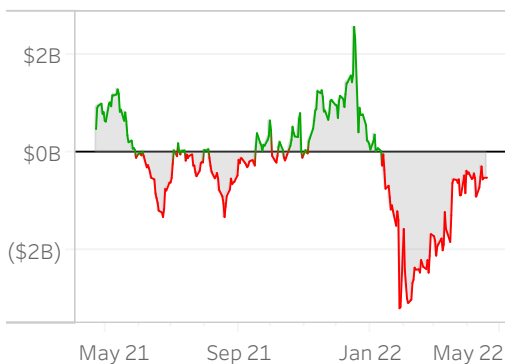
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLC	Communication Services Select Sector SPDR Fu..	(\$315M)	(\$525M)	(\$1,334M)	(\$395M)	\$11,141M
XRT	SPDR S&P Retail ETF	(\$258M)	(\$196M)	(\$485M)	(\$235M)	\$249M
XHB	SPDR S&P Homebuilders ETF	(\$251M)	(\$716M)	(\$272M)	(\$495M)	\$1,103M
KRE	SPDR S&P Regional Banking ETF	(\$227M)	(\$675M)	(\$491M)	\$361M	\$4,414M
XLK	Technology Select Sector SPDR Fund	(\$188M)	\$487M	\$1,576M	\$2,317M	\$44,270M
VFH	Vanguard Financials ETF	(\$160M)	(\$165M)	\$484M	\$947M	\$11,069M
IAT	iShares U.S. Regional Banks ETF	(\$136M)	(\$207M)	(\$85M)	\$430M	\$1,079M
XLI	Industrial Select Sector SPDR Fund	(\$133M)	(\$2,262M)	(\$2,609M)	(\$5,359M)	\$15,058M
IBB	iShares Biotechnology ETF	(\$129M)	(\$119M)	\$194M	(\$12M)	\$8,540M
VIS	Vanguard Industrials ETF	(\$127M)	(\$429M)	(\$695M)	(\$592M)	\$4,404M

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Communication Services



Consumer Discretionary



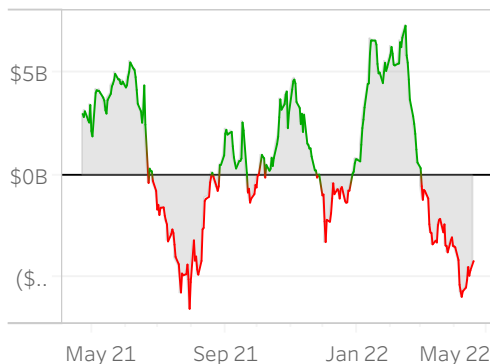
Consumer Staples



Energy



Financials



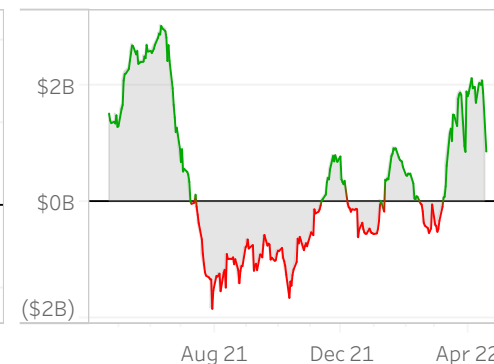
Industrial



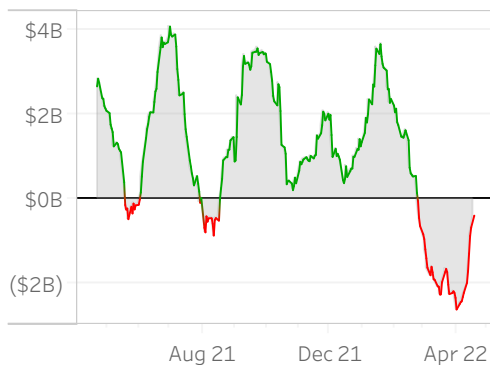
Health Care



Materials



Real Estate



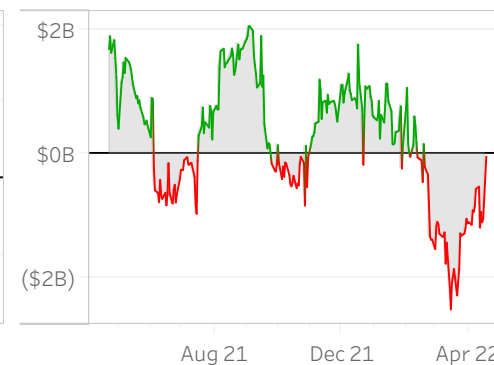
Technology



Utilities

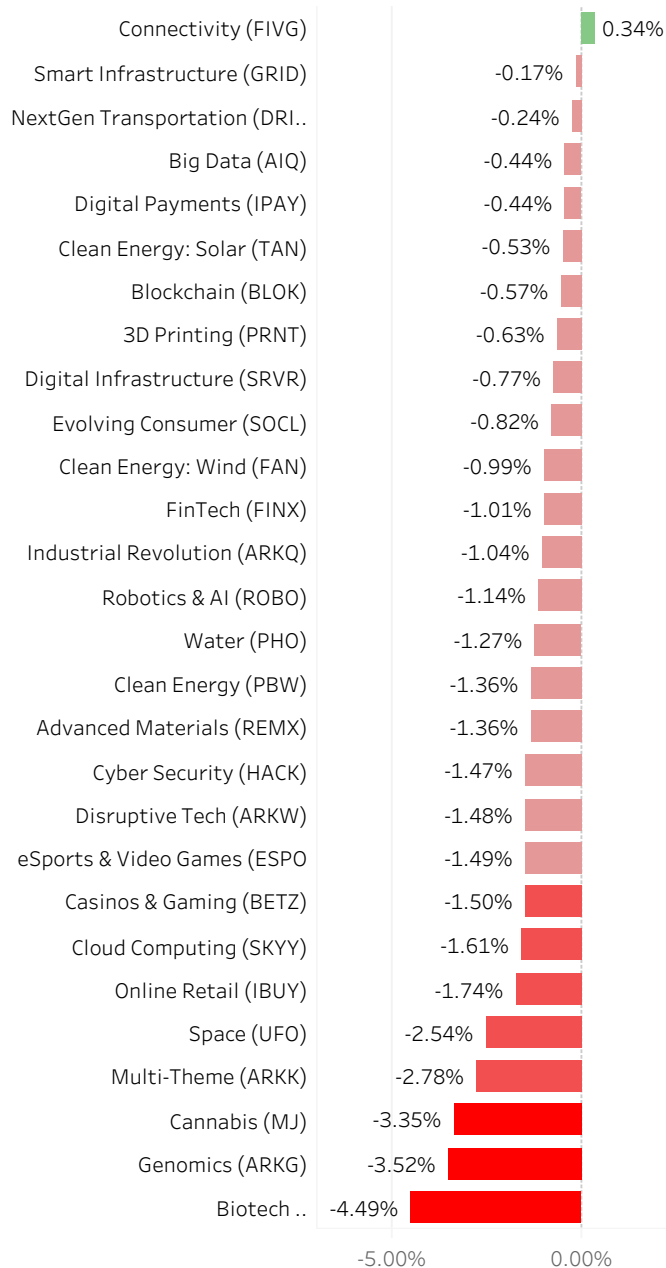


Multi-Sector

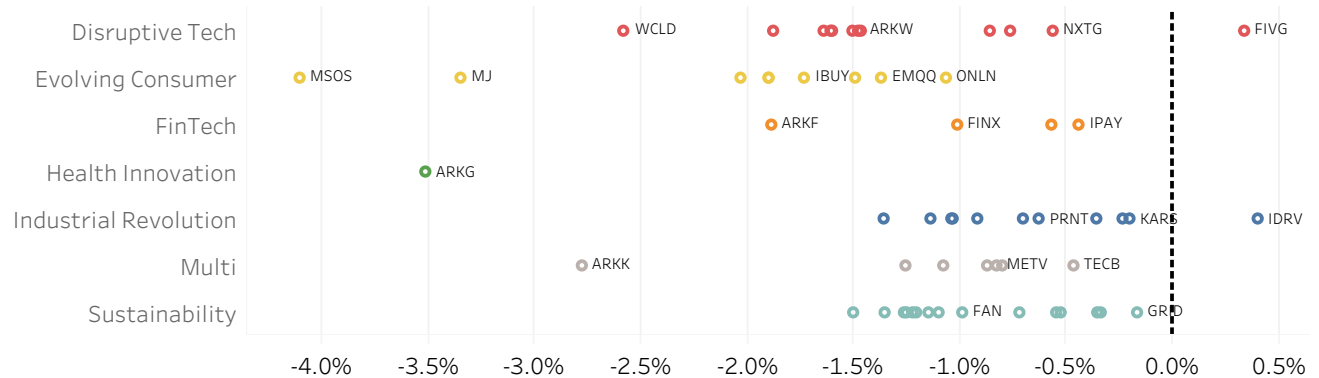


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## Global Thematic Segment 1-Day Performance



## 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	3.96%
IDRV	iShares Self-driving EV & Tech ETF	0.40%
FIVG	Defiance Next Gen Connectivity ETF	0.34%
QTUM	Defiance Quantum ETF	-0.02%
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure..	-0.17%
KARS	KraneShares Electric Vehicles & Future Mobility Index ETF	-0.20%
DRIV	Global X Autonomous & Electric Vehicles ETF	-0.24%
BLCN	Siren ETF Trust Siren Nasdaq NexGen Economy ETF	-0.29%
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	-0.34%
AGNG	Global X Aging Population ETF	-0.35%

## Thematic Most Overbought

Ticker	Fund	Price
AGNG	Global X Aging Population ETF	55.00
BUG	Global X Cybersecurity ETF	51.23
SRVR	Pacer Benchmark Data & Infrastructure Real Estate SCTR ..	51.15
EVX	VanEck Environmental Services ETF	51.04
IHAK	iShares Cybersecurity & Tech ETF	48.97
AWAY	ETFMG Travel Tech ETF	48.69
CIBR	First Trust NASDAQ Cybersecurity ETF	48.17
HACK	ETFMG Prime Cyber Security ETF	47.35
HDRO	Defiance Next Gen H2 ETF	47.02
VPN	Global X Data Center REITs & Digital Infrastructure ETF	46.06

## Global Thematic 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
THCX	Cannabis ETF	-4.98%
YOLO	AdvisorShares Pure Cannabis ETF	-4.53%
SBIO	ALPS Medical Breakthroughs ETF	-4.49%
GNOM	Global X Genomics & Biotechnology ETF	-4.28%
POTX	Global X Cannabis ETF	-4.18%
BTEC	Principal Healthcare Innovators ETF	-4.17%
MSOS	AdvisorShares Pure US Cannabis ETF	-4.11%
ARKG	ARK Genomic Revolution ETF	-3.52%
CNBS	Amplify Seymour Cannabis ETF	-3.38%
MJ	ETFMG Alternative Harvest ETF	-3.35%

## Thematic Most Oversold

Ticker	Fund	Price
YOLO	AdvisorShares Pure Cannabis ETF	30.03
MSOS	AdvisorShares Pure US Cannabis ETF	30.06
CNBS	Amplify Seymour Cannabis ETF	33.62
ROBO	ROBO Global Robotics & Automation Index ETF	34.06
SNSR	Global X Internet of Things ETF	34.68
BOTZ	Global X Robotics & Artificial Intelligence ETF	34.89
KSTR	KraneShares SSE STAR Market 50 Index ETF	34.96
EBLU	Ecofin Global Water ESG Fund	35.16
THCX	Cannabis ETF	35.82
PRNT	3D Printing ETF	35.89

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## Thematic 1 Week Flow Leaders

Ticker	Fund	
ARKK	ARK Innovation ETF	\$352M
ICLN	iShares Global Clean Energy ETF	\$21M
BUG	Global X Cybersecurity ETF	\$15M
ACES	ALPS Clean Energy ETF	\$13M
REMX	VanEck Rare Earth/Strategic Metals ETF	\$11M
CIBR	First Trust NASDAQ Cybersecurity ETF	\$8M
LIT	Global X Lithium & Battery Tech ETF	\$7M
BETZ	Roundhill Sports Betting & iGaming ETF	\$7M
IHAK	iShares Cybersecurity & Tech ETF	\$4M
KOMP	SPDR S&P Kensho New Economies Composite ETF	\$4M

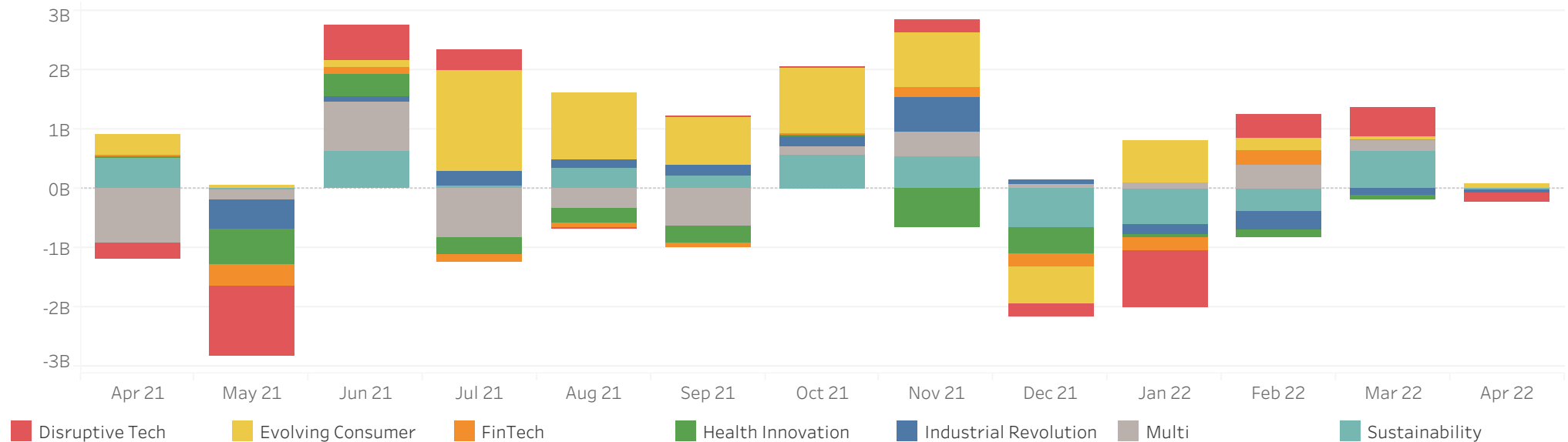
## Thematic 1 Week Flow Laggards

Ticker	Fund	
SKYY	First Trust Cloud Computing ETF	(\$238M)
ARKW	ARK Next Generation Internet ETF	(\$55M)
TAN	Invesco Solar ETF	(\$35M)
SRVR	Pacer Benchmark Data & Infrastructure Real Estate SCTR ETF	(\$34M)
ARKF	ARK Fintech Innovation ETF	(\$26M)
BOTZ	Global X Robotics & Artificial Intelligence ETF	(\$18M)
KARS	KraneShares Electric Vehicles & Future Mobility Index ETF	(\$11M)
KWEB	KraneShares CSI China Internet ETF	(\$11M)
ARKG	ARK Genomic Revolution ETF	(\$10M)
DRIV	Global X Autonomous & Electric Vehicles ETF	(\$10M)

## Thematic Landscape Assets & Flows

Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	36	\$24B	(\$95M)	\$372M	(\$12M)	(\$693M)
Evolving Consumer	45	\$12B	(\$16M)	\$286M	\$1,845M	\$6,613M
FinTech	22	\$5B	(\$17M)	\$184M	\$61M	(\$492M)
Health Innovation	19	\$5B	\$15M	(\$225M)	(\$1,219M)	(\$2,327M)
Industrial Revolution	29	\$14B	(\$40M)	(\$666M)	\$333M	\$354M
Multi	38	\$19B	\$267M	\$1,060M	\$1,003M	(\$877M)
Sustainability	39	\$20B	(\$8M)	(\$52M)	(\$70M)	\$1,697M
Grand Total	228	\$98B	\$105M	\$960M	\$1,941M	\$4,276M

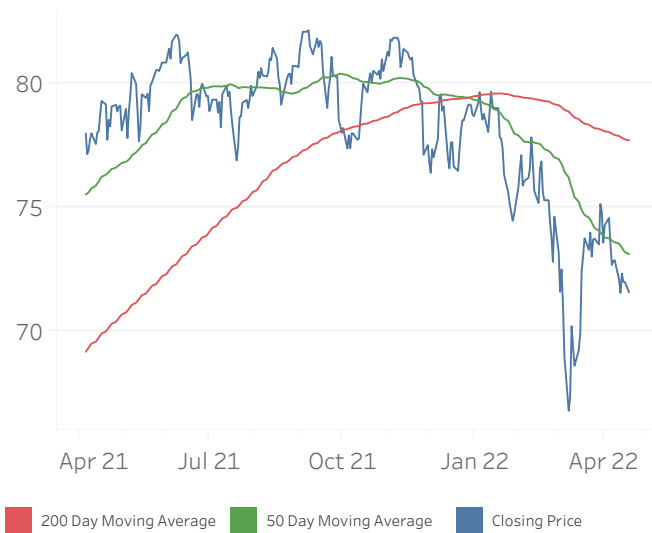
## Thematic Monthly Flows



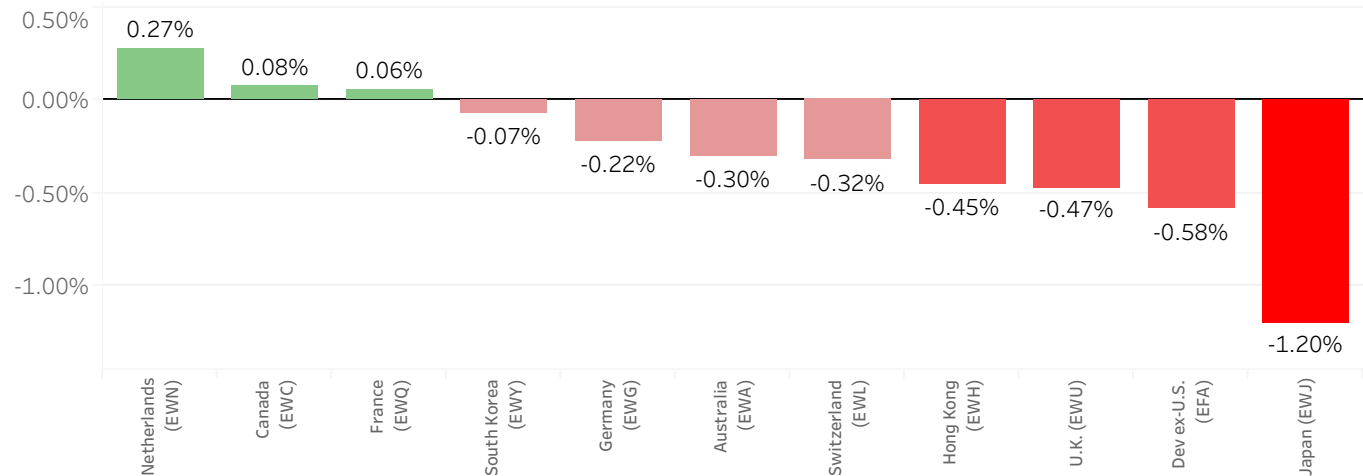
\* ETF Landscape represented using the ETF Action classification system\*\*Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify \*\*\*Flows delayed one day



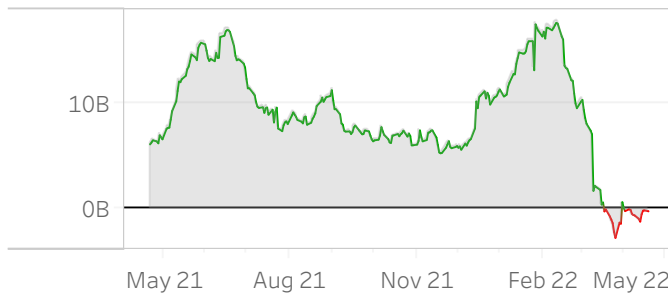
Developed ex-U.S. (EFA)



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



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



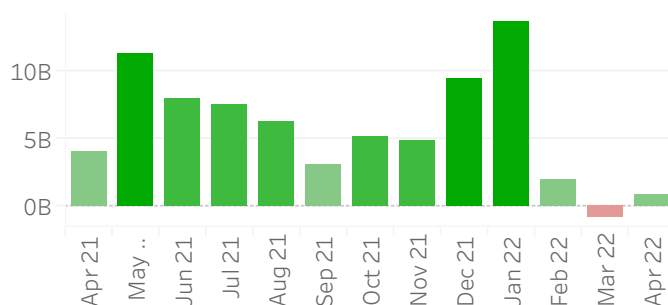
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
HEZU	iShares Currency Hedged MSCI Eurozone ETF	0.32%
EWN	iShares MSCI Netherlands ETF	0.27%
LVHI	Legg Mason International Low Volatility High Dividend ETF	0.22%
EUSC	WisdomTree Europe Hedged SmallCap Equity Fund	0.14%
DBEU	Xtrackers MSCI Europe Hedged Equity ETF	0.14%
DXJ	WisdomTree Japan Hedged Equity Fund	0.11%
EWC	iShares MSCI Canada ETF	0.08%
BBCA	JPMorgan BetaBuilders Canada ETF	0.07%
EWQ	iShares MSCI France ETF	0.06%
FIDI	Fidelity International High Dividend ETF	0.05%

Developed ex-U.S. Most Overbought

Ticker	Fund	Price
LVHI	Legg Mason International Low Volatility High Dividend ETF	58.44
EWA	iShares MSCI Australia ETF	56.65
NORW	Global X MSCI Norway ETF	56.31
EWU	iShares MSCI United Kingdom ETF	53.98
DDWM	WisdomTree Dynamic Currency Hedged International Equi..	53.57
GREK	Global X MSCI Greece ETF	53.40
EWP	iShares MSCI Spain ETF	53.36
FLGB	Franklin FTSE United Kingdom ETF	52.84
DBEU	Xtrackers MSCI Europe Hedged Equity ETF	52.57
HDEF	Xtrackers MSCI EAFE High Dividend Yield Equity ETF	52.47

Developed ex-U.S. Monthly Flows



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

Ticker	Fund	1-Day Performance
SCJ	iShares MSCI Japan Small-Cap ETF	-1.49%
EWS	iShares MSCI Singapore ETF	-1.39%
JPXN	iShares JPX-Nikkei 400 ETF	-1.37%
DFJ	WisdomTree Japan SmallCap Dividend Fund	-1.31%
FLJP	Franklin FTSE Japan ETF	-1.28%
EWJ	iShares MSCI Japan ETF	-1.20%
ENZL	iShares MSCI New Zealand ETF	-1.19%
BBJP	JPMorgan BetaBuilders Japan ETF	-1.04%
DMXF	iShares ESG Advanced MSCI EAFE ETF	-1.02%
EDEN	iShares MSCI Denmark ETF	-0.97%

Developed ex-U.S. Most Oversold

Ticker	Fund	Price
DFJ	WisdomTree Japan SmallCap Dividend Fund	27.53
SCJ	iShares MSCI Japan Small-Cap ETF	30.61
PTIN	Pacer Trendpilot International ETF	30.98
JPXN	iShares JPX-Nikkei 400 ETF	32.56
FLJP	Franklin FTSE Japan ETF	33.29
EWJ	iShares MSCI Japan ETF	33.58
BBJP	JPMorgan BetaBuilders Japan ETF	33.82
ENZL	iShares MSCI New Zealand ETF	35.74
EWJV	iShares MSCI Japan Value ETF	36.10
VPL	Vanguard FTSE Pacific ETF	37.88

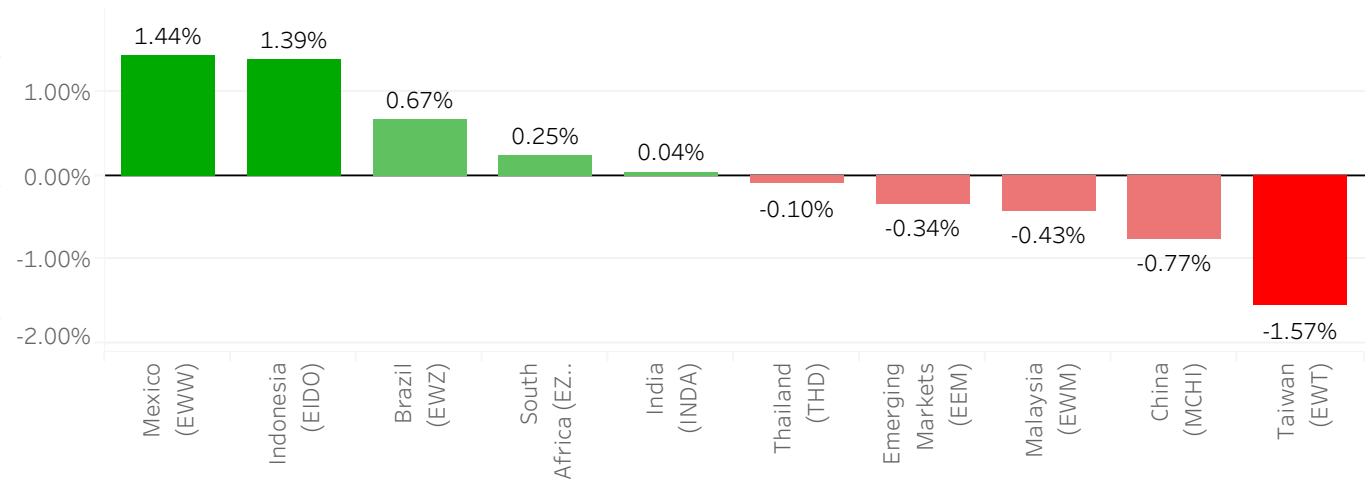
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Emerging (EEM)



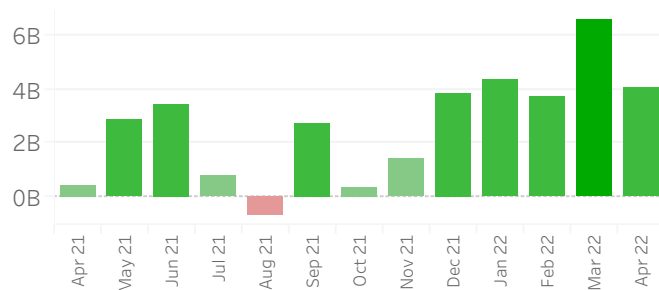
Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
KSA	iShares MSCI Saudi Arabia ETF	1.82%
EWZ	iShares MSCI Mexico ETF	1.44%
EIDO	iShares MSCI Indonesia ETF	1.39%
IDX	VanEck Indonesia Index ETF	1.07%
EPHE	iShares MSCI Philippines ETF	1.01%
TUR	iShares MSCI Turkey ETF	1.00%
EWZS	iShares MSCI Brazil Small-Cap ETF	0.80%
FLN	First Trust Latin America AlphaDEX Fund	0.76%
FLBR	Franklin FTSE Brazil ETF	0.69%
EWZ	iShares MSCI Brazil ETF	0.67%

Emerging Most Overbought

Ticker	Fund	Value
KSA	iShares MSCI Saudi Arabia ETF	79.25
TUR	iShares MSCI Turkey ETF	78.70
IDX	VanEck Indonesia Index ETF	60.36
FLBR	Franklin FTSE Brazil ETF	58.23
EWZ	iShares MSCI Brazil ETF	58.11
FLN	First Trust Latin America AlphaDEX Fund	55.71
EWZ	iShares MSCI Mexico ETF	55.39
SMIN	iShares MSCI India Small Cap ETF	54.73
ILF	iShares Latin America 40 ETF	54.47
EWZS	iShares MSCI Brazil Small-Cap ETF	54.18

Emerging 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
PGJ	Invesco Golden Dragon China ETF	-2.19%
FNI	First Trust Chindia ETF	-2.11%
EWT	iShares MSCI Taiwan ETF	-1.57%
ECNS	iShares MSCI China Small-Cap ETF	-1.55%
PIE	Invesco DWA Emerging Markets Momentum ETF	-1.21%
QAT	iShares MSCI Qatar ETF	-0.94%
FXI	iShares China Large-Cap ETF	-0.92%
NUEM	Nuveen ESG Emerging Markets Equity ETF	-0.88%
MCHI	iShares MSCI China ETF	-0.77%
INDY	iShares India 50 ETF	-0.74%

Emerging Most Oversold

Ticker	Fund	Value
VNM	VanEck Vietnam ETF	31.61
EWT	iShares MSCI Taiwan ETF	33.30
EPZ	iShares MSCI Peru ETF	34.34
XCEM	Columbia EM Core ex-China ETF	39.17
FNI	First Trust Chindia ETF	39.66
JEMA	JPMorgan ActiveBuilders Emerging Markets Equity ..	40.30
XSOE	WisdomTree Emerging Markets ex-State-Owned Ent..	40.38
ADRE	Invesco BDRS Emerging Markets 50 ADR Index Fund	40.73
EEMA	iShares MSCI Emerging Markets Asia ETF	41.06
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	41.09

\*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	-0.31%	-3.97%	-8.74%
SHY	1-3 Year Treasury Bonds	0.00%	-0.76%	-2.66%
IEF	7-10 Year Treasury Bonds	-0.29%	-5.33%	-10.04%
TLT	20+ Year Treasury Bonds	-0.50%	-9.82%	-18.58%
TIP	TIPS Bonds	-0.03%	-3.79%	-5.14%
FLOT	Floating Rate Bonds	0.02%	0.12%	-0.26%
LQD	Investment Grade Corporate	-0.76%	-5.80%	-13.07%
HYG	High Yield Corporate	-0.16%	-2.54%	-6.88%
BKLN	Senior Loan	-0.05%	0.59%	-0.76%
PFF	Preferred & Income Securities	-0.46%	-3.51%	-10.92%
MUB	Municipal Bonds	-0.22%	-2.84%	-7.08%
MBB	MBS	-0.28%	-3.90%	-7.76%
EMB	Dollar Denominated EM Bonds	-0.05%	-3.61%	-13.16%
LEMB	Local Currency EM Bond	0.00%	-2.89%	-7.37%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	2.29%	11.61%	41.39%
DBE	Energy	1.05%	13.86%	51.46%
USO	WTI Crude Oil	1.06%	7.73%	47.92%
BNO	Brent Crude Oil	1.64%	8.23%	54.09%
UNG	Natural Gas	5.98%	57.55%	117.21%
UGA	Gasoline	0.27%	5.32%	46.02%
DBP	Precious Metals	0.37%	3.10%	8.24%
GLD	Gold	0.31%	2.96%	7.98%
SLV	Silver	0.97%	3.69%	10.97%
PPLT	abrdn Physical Platin..	2.38%	-1.24%	4.62%
PALL	abrdn Physical Palla..	3.31%	-2.58%	28.23%
DBB	Base Metals	1.31%	5.26%	17.79%
CPER	Copper	2.31%	1.85%	7.50%
LD	Lead	1.04%	10.92%	7.30%
JJN	Nickel	2.50%	19.82%	64.34%
JJU	Aluminum	0.63%	-2.90%	18.67%
JJT	Tin	1.39%	4.27%	13.52%
DBA	Agriculture	1.20%	5.59%	15.65%
CORN	Corn	2.19%	14.76%	38.58%
SOYB	Soybeans	1.06%	4.80%	25.67%
WEAT	Wheat	2.29%	11.71%	51.01%
CANE	Sugar	0.60%	7.32%	10.00%
BAL	Cotton	1.74%	13.82%	31.18%
NIB	Cocoa	-1.33%	-0.15%	-1.94%
JO	Coffee	0.23%	1.69%	-0.85%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	0.41%	2.63%	5.11%
UDN	Short Dollar	-0.46%	-2.66%	-5.26%
FXE	Euro	-0.38%	-2.57%	-5.53%
FXB	British Pound Sterling	-0.51%	-1.38%	-3.89%
FXF	Swiss Franc	-0.18%	-1.44%	-3.78%
FXJ	Japanese Yen	-0.83%	-6.25%	-9.44%
FXC	Canadian Dollar	-0.04%	-0.26%	0.05%
FXA	Australian Dollar	-0.95%	-0.88%	1.04%

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