

Large Cap Blend (S&P 500) IVV



Mid Cap Blend (S&P 400) IJH

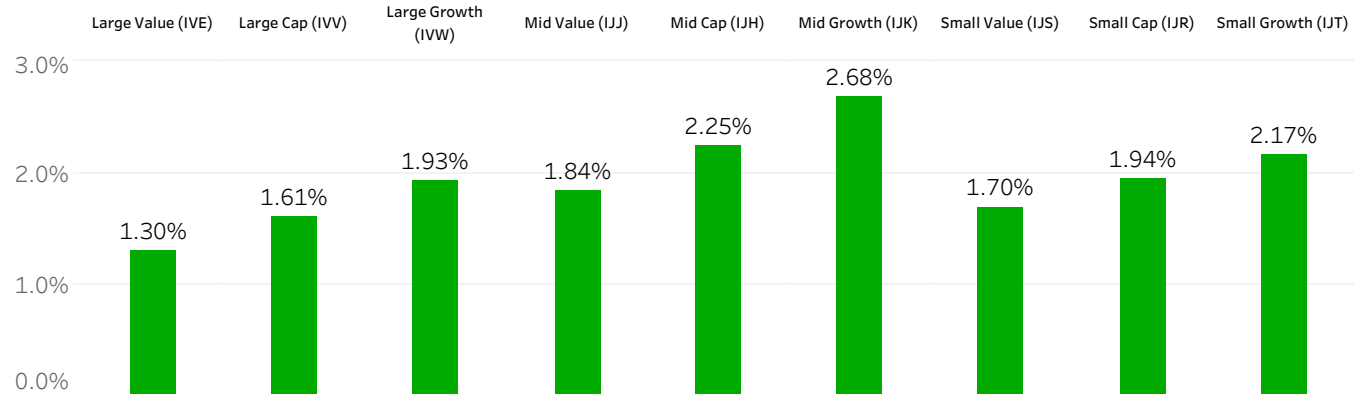


Small Cap Blend (S&P 600) IJR



■ 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
IPO	Renaissance IPO ETF	3.58%
NUMG	Nuveen ESG Mid-Cap Growth ETF	3.22%
BUZZ	VanEck Social Sentiment ETF	3.09%
RFG	Invesco S&P Midcap 400 Pure Growth ETF	2.91%
LCG	Sterling Capital Focus Equity ETF	2.90%
TMFS	Motley Fool Small-Cap Growth ETF	2.89%
RZG	Invesco S&P Smallcap 600 Pure Growth ETF	2.85%
XMHQ	Invesco S&P MidCap Quality ETF	2.79%
IWP	iShares Russell Mid-Cap Growth ETF	2.77%
MMLG	First Trust Multi-Manager Large Growth ETF	2.74%

Size & Style Most Overbought

Ticker	Fund	Price
WBIY	WBI Power Factor High Dividend ETF	71.82
DEIF	Sterling Capital Diverse Multi-Manager Active ETF	70.68
SPHD	Invesco S&P 500 High Dividend Low Volatility ETF	69.26
RDIV	Invesco S&P Ultra Dividend Revenue ETF	68.78
SDOG	ALPS Sector Dividend Dogs ETF	67.92
DVY	iShares Select Dividend ETF	67.16
FDL	First Trust Morningstar Dividend Leaders Index Fund	67.00
JDIV	JPMorgan U.S. Dividend ETF	66.60
TPHE	Timothy Plan High Dividend Stock Enhanced ETF	66.54
LVHD	Legg Mason Low Volatility High Dividend ETF	66.45

Size & Style 1-Day Performance Laggards

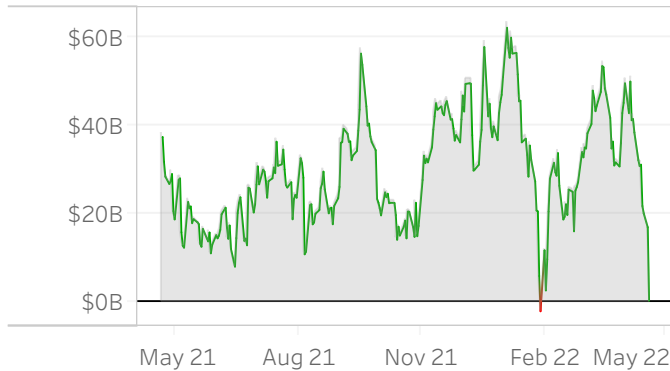
Ticker	Fund	Performance
QVML	Invesco S&P 500 QVM Multi-factor ETF	-1.45%
ONOF	Global X Adaptive U.S. Risk Management ETF	-0.23%
PTMC	Pacer Trendpilot US Mid Cap ETF	-0.06%
PTNQ	Pacer Trendpilot 100 ETF	0.04%
SPC	CrossingBridge Pre-Merger SPAC ETF	0.05%
ABEQ	Absolute Core Strategy ETF	0.07%
DIV	Global X SuperDividend US ETF	0.37%
FDL	First Trust Morningstar Dividend Leaders Index Fund	0.39%
DHS	WisdomTree U.S. High Dividend Fund	0.42%
SPHD	Invesco S&P 500 High Dividend Low Volatility ETF	0.66%

Size & Style Most Oversold

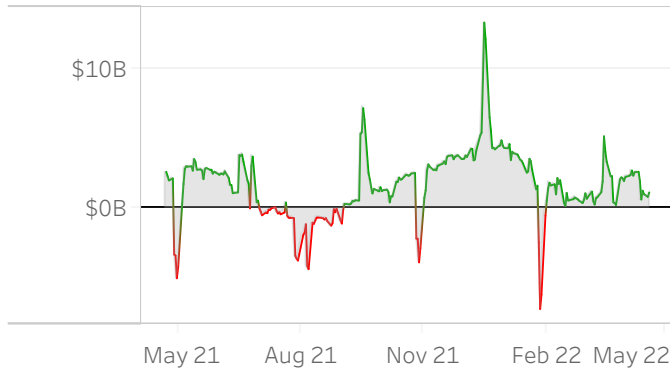
Ticker	Fund	Price
PTNQ	Pacer Trendpilot 100 ETF	37.84
ONOF	Global X Adaptive U.S. Risk Management ETF	39.23
FFTY	Innovator IBD 50 ETF	42.66
PTMC	Pacer Trendpilot US Mid Cap ETF	43.87
QQH	HCM Defender 100 Index ETF	44.64
QVML	Invesco S&P 500 QVM Multi-factor ETF	44.82
AQGX	AI Quality Growth ETF	44.94
IPO	Renaissance IPO ETF	45.91
BUZZ	VanEck Social Sentiment ETF	46.04
LCG	Sterling Capital Focus Equity ETF	46.05

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

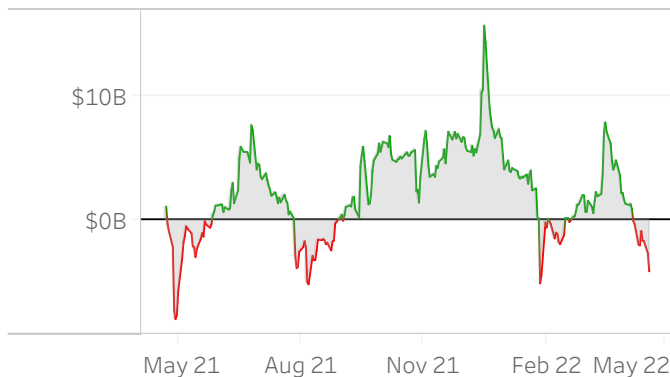
Large-Cap 30-Day Rolling Flows



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	\$1,299B	(\$18.87B)	\$12.19B	\$62.86B	\$117.61B
Large Cap, Beta Growth, Beta: Growth	10	\$242B	(\$0.23B)	\$3.98B	\$6.32B	\$14.89B
Large Cap, Beta Growth, Beta: Value	11	\$229B	(\$0.07B)	\$10.59B	\$18.06B	\$30.91B
Mid Cap, Beta, Beta	10	\$186B	\$0.22B	\$1.97B	\$7.58B	\$10.39B
Mid Cap, Beta, Beta: Growth	6	\$35B	\$0.02B	(\$0.37B)	\$0.33B	(\$0.72B)
Mid Cap, Beta, Beta: Value	6	\$43B	(\$0.12B)	(\$0.05B)	\$0.47B	\$1.99B
Small Cap, Beta, Beta	12	\$205B	(\$1.04B)	(\$0.58B)	\$5.69B	\$12.20B
Small Cap, Beta, Beta: Growth	7	\$33B	(\$0.02B)	\$0.23B	\$0.73B	\$0.31B
Small Cap, Beta, Beta: Value	7	\$54B	(\$0.10B)	(\$2.95B)	(\$2.09B)	(\$1.15B)

U.S. Size & Style Flow Leaders

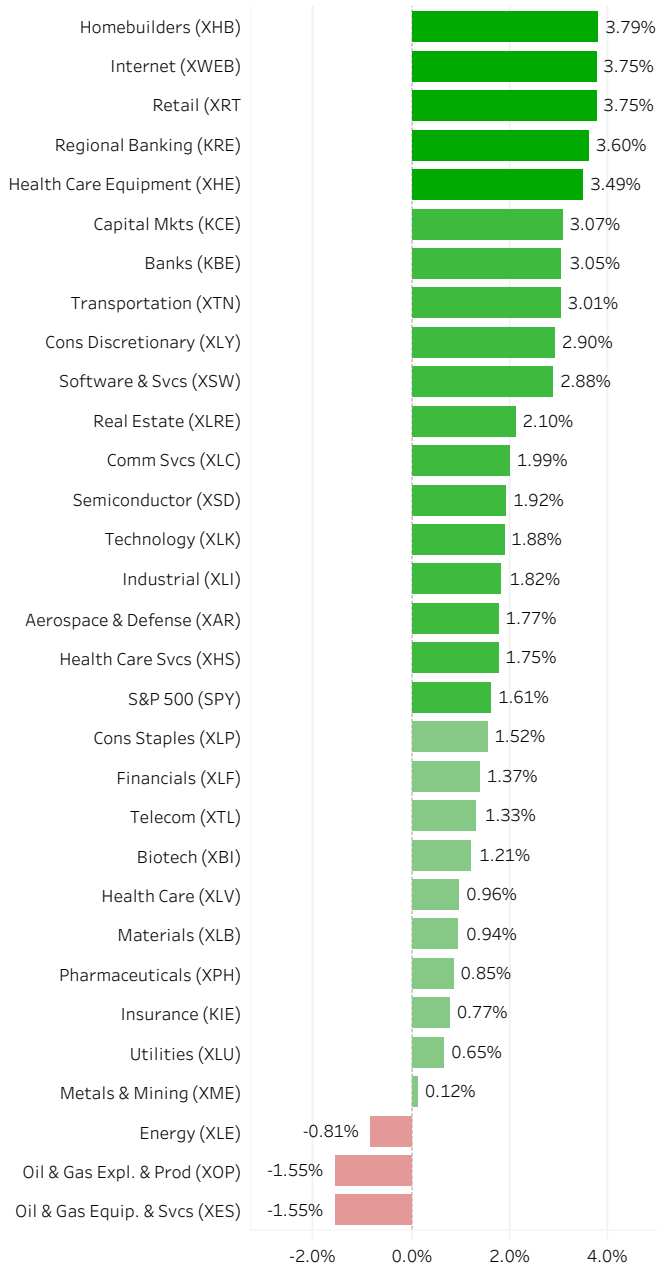
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
VO	Vanguard Mid-Cap ETF	\$0.28B	\$0.88B	\$3.43B	\$6.16B	\$53.84B
SCHD	Schwab US Dividend Equity ETF	\$0.25B	\$3.44B	\$5.31B	\$11.29B	\$34.95B
SPLV	Invesco S&P 500 Low Volatility ETF	\$0.19B	\$0.48B	\$1.72B	\$1.08B	\$10.16B
QQQ	Invesco QQQ Trust	\$0.19B	\$0.83B	\$8.88B	\$18.66B	\$182.00B
HDV	iShares Core High Dividend ETF	\$0.18B	\$1.59B	\$1.62B	\$2.28B	\$9.80B
VTI	Vanguard Total Stock Market ETF	\$0.18B	\$6.93B	\$20.29B	\$40.73B	\$281.94B
COWZ	Pacer US Cash Cows 100 ETF	\$0.14B	\$2.58B	\$3.22B	\$3.69B	\$4.36B
USMV	iShares MSCI USA Min Vol Factor ETF	\$0.12B	(\$0.09B)	\$0.66B	(\$2.24B)	\$28.72B
DFAT	Dimensional U.S. Targeted Value ETF	\$0.11B	\$0.34B	\$0.66B	\$0.92B	\$6.92B
DIA	SPDR Dow Jones Industrial Average ETF Trust	\$0.10B	\$0.34B	\$0.74B	(\$0.22B)	\$29.74B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
IVV	iShares Core S&P 500 ETF	(\$10.79B)	\$6.46B	\$20.88B	\$23.67B	\$313.07B
VOO	Vanguard S&P 500 ETF	(\$4.72B)	\$18.64B	\$23.03B	\$45.47B	\$276.10B
IWM	iShares Russell 2000 ETF	(\$1.05B)	(\$2.39B)	(\$3.23B)	(\$2.21B)	\$57.40B
FTCS	First Trust Capital Strength ETF	(\$0.61B)	(\$1.71B)	\$0.29B	\$0.58B	\$8.63B
IWF	iShares Russell 1000 Growth ETF	(\$0.16B)	(\$0.40B)	(\$1.72B)	(\$1.25B)	\$66.30B
IWD	iShares Russell 1000 Value ETF	(\$0.12B)	(\$0.95B)	\$0.51B	\$1.55B	\$57.07B
IJH	iShares Core S&P Mid-Cap ETF	(\$0.12B)	\$0.56B	\$2.11B	\$2.13B	\$63.85B
MDYV	SPDR S&P 400 Mid Cap Value ETF	(\$0.12B)	\$0.10B	\$0.08B	\$0.10B	\$1.61B
IVW	iShares S&P 500 Growth ETF	(\$0.11B)	\$0.20B	\$0.29B	\$0.37B	\$34.50B
IJR	iShares Core S&P Small Cap ETF	(\$0.10B)	\$0.21B	\$4.20B	\$4.45B	\$69.88B

\* 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)
XLP	Consumer Staples Select Sector SPDR Fund	0.00%	15.38%	5.07%	7.99%	69.33
XLB	Materials Select Sector SPDR Fund	-0.70%	13.74%	5.16%	5.46%	63.73
XLE	Energy Select Sector SPDR Fund	-0.81%	75.50%	8.25%	34.26%	62.22
XLU	Utilities Select Sector SPDR Fund	-1.03%	20.46%	7.01%	11.11%	66.39
XLV	Health Care Select Sector SPDR Fund	-3.09%	14.09%	3.47%	4.02%	54.29
XLRE	Real Estate Select Sector SPDR Fund	-4.15%	21.00%	5.88%	4.81%	62.48
XLI	Industrial Select Sector SPDR Fund	-5.34%	6.07%	1.04%	-1.16%	53.42
SPY	SPDR S&P 500 ETF Trust	-6.84%	9.78%	1.15%	-0.90%	51.42
XLF	Financial Select Sector SPDR Fund	-9.17%	7.15%	-1.76%	-2.61%	46.87
XLY	Consumer Discretionary Select Sector SPDR Fund	-12.91%	12.83%	2.97%	-2.08%	54.99
XLK	Technology Select Sector SPDR Fund	-15.15%	14.14%	-2.06%	-5.57%	45.38
XLC	Communication Services Select Sector SPDR Fund	-21.46%	6.22%	-0.35%	-11.90%	48.38

### Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
XHB	SPDR S&P Homebuilders ETF	3.79%
XRT	SPDR S&P Retail ETF	3.75%
ITB	iShares U.S. Home Construction ETF	3.73%
KRE	SPDR S&P Regional Banking ETF	3.60%
XHE	SPDR S&P Health Care Equipment ETF	3.49%
KBWR	Invesco KBW Regional Banking ETF	3.46%
RCD	Invesco S&P 500 Equal Weight Consumer Discretio..	3.15%
FXD	First Trust Consumer Discretionary AlphaDEX Fund	3.10%
KCE	SPDR S&P Capital Markets ETF	3.07%
PKB	Invesco Dynamic Building & Construction ETF	3.05%

### Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
FXG	First Trust Consumer Staples AlphaDEX Fund	76.41
RHS	Invesco S&P 500 Equal Weight Consumer Staples ETF	73.13
PBJ	Invesco Dynamic Food & Beverage ETF	72.95
FXZ	First Trust Materials AlphaDEX Fund	72.00
PYZ	Invesco DWA Basic Materials Momentum ETF	71.76
EMLP	First Trust North American Energy Infrastructure Fund	71.68
RYU	Invesco S&P 500 Equal Weight Utilities ETF	70.37
IYK	iShares U.S. Consumer Staples ETF	70.07
TPYP	Tortoise North American Pipeline Fund	70.03
FSTA	FIDELITY COVINGTON TRUST MSCI CONSUMER STAPLES..	69.86

### Sector & Industry 1 Day Performance Laggards

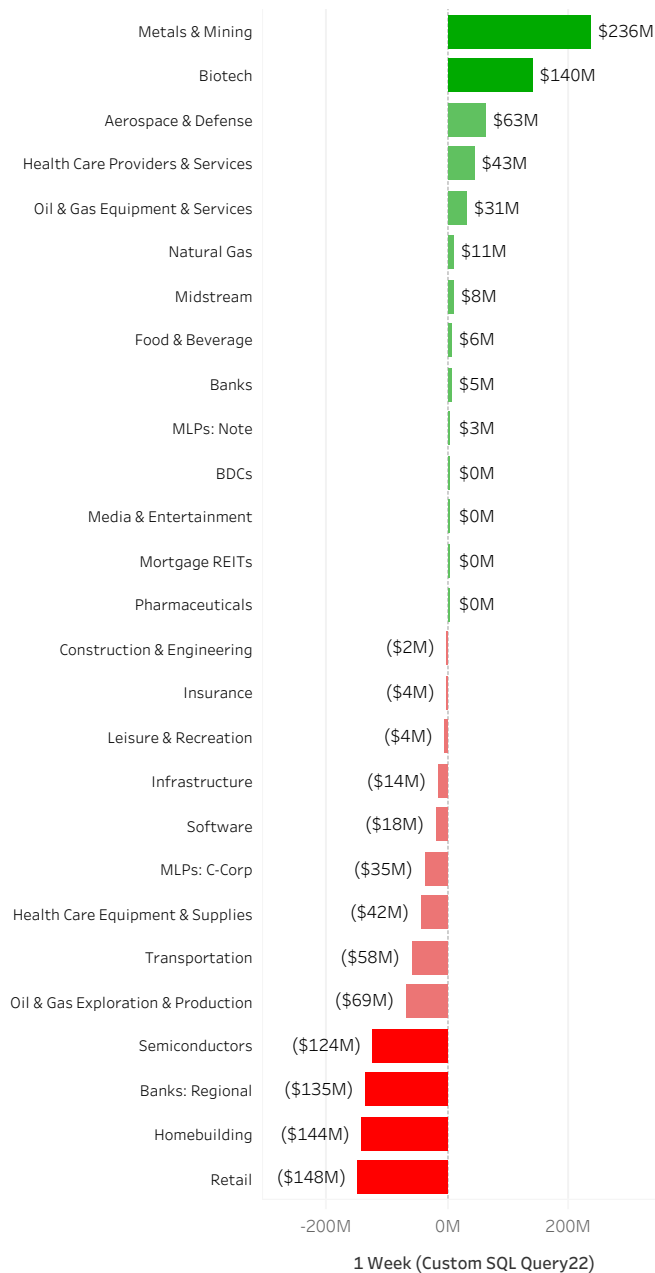
Ticker	Fund	1 Day Performance
MORT	VanEck Mortgage REIT Income ETF	-2.66%
REM	iShares Mortgage Real Estate ETF	-2.42%
PSCE	Invesco S&P SmallCap Energy ETF	-1.80%
FCG	First Trust Natural Gas ETF	-1.64%
XES	SPDR S&P Oil & Gas Equipment & Services ETF	-1.55%
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	-1.55%
PXE	Invesco Dynamic Energy Exploration & Production ETF	-1.45%
PXJ	Invesco Dynamic Oil & Gas Services ETF	-1.19%
PXI	Invesco DWA Energy Momentum ETF	-1.17%
IEO	iShares U.S. Oil & Gas Exploration & Production ETF	-1.17%

### Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
MORT	VanEck Mortgage REIT Income ETF	32.07
REM	iShares Mortgage Real Estate ETF	34.11
KBWD	Invesco KBW High Dividend Yield Financial ETF	38.68
XBI	SPDR S&P BIOTECH ETF	41.46
PSI	Invesco Dynamic Semiconductors ETF	42.36
KBWB	Invesco KBW Bank ETF	42.94
XSD	SPDR S&P Semiconductor ETF	43.27
PSCT	Invesco S&P SmallCap Information Technology ETF	43.34
IAT	iShares U.S. Regional Banks ETF	43.65
SOXX	iShares Semiconductor ETF	44.08

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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	(\$118M)	(\$499M)	(\$1,520M)	\$341M
Consumer Discretionary	13	\$30B	(\$140M)	(\$2,556M)	(\$2,116M)	(\$2,558M)
Consumer Staples	12	\$27B	\$143M	\$2,440M	\$4,959M	\$5,950M
Energy	34	\$82B	\$317M	\$987M	\$3,992M	\$4,891M
Financials	28	\$76B	(\$451M)	(\$5,896M)	(\$1,504M)	\$2,737M
Health Care	26	\$92B	\$948M	\$4,036M	\$9,512M	\$12,883M
Industrial	14	\$33B	(\$82M)	(\$854M)	(\$1,182M)	(\$5,163M)
Materials	10	\$21B	\$372M	\$1,889M	\$2,725M	\$2,799M
Multi-Sector	18	\$17B	(\$235M)	(\$4,509M)	(\$3,357M)	(\$2,714M)
Real Estate	23	\$79B	\$299M	(\$2,152M)	\$2,510M	\$8,843M
Technology	24	\$133B	(\$235M)	\$73M	\$1,877M	\$6,717M
Utilities	10	\$25B	\$102M	\$2,129M	\$2,558M	\$2,795M

## U.S. Sector & Industry Flow Leaders

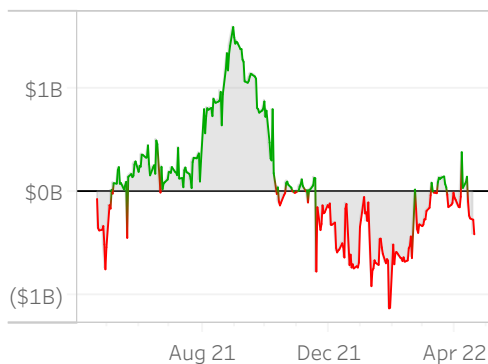
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLV	Health Care Select Sector SPDR Fund	\$768M	\$2,883M	\$6,648M	\$9,461M	\$38,693M
XLE	Energy Select Sector SPDR Fund	\$294M	(\$1,293M)	(\$251M)	\$1,038M	\$39,261M
IYR	iShares U.S. Real Estate ETF	\$261M	(\$1,845M)	(\$1,853M)	(\$1,536M)	\$5,307M
XME	SPDR S&P Metals & Mining ETF	\$236M	\$654M	\$797M	\$892M	\$3,830M
XBI	SPDR S&P BIOTECH ETF	\$122M	\$1,330M	\$2,201M	\$2,314M	\$6,353M
XLRE	Real Estate Select Sector SPDR Fund	\$95M	(\$324M)	\$1,371M	\$2,644M	\$5,891M
XLB	Materials Select Sector SPDR Fund	\$76M	(\$469M)	\$104M	(\$449M)	\$7,997M
XLP	Consumer Staples Select Sector SPDR Fund	\$75M	\$1,529M	\$3,602M	\$4,455M	\$16,500M
XLF	Financial Select Sector SPDR Fund	\$67M	(\$2,943M)	(\$164M)	\$423M	\$41,434M
VDE	Vanguard Energy ETF	\$57M	(\$287M)	\$286M	\$501M	\$8,695M

## U.S. Sector & Industry Flow Laggards

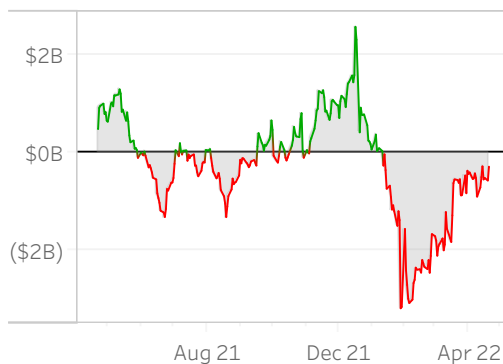
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
VFH	Vanguard Financials ETF	(\$347M)	(\$266M)	\$395M	\$971M	\$11,046M
XLC	Communication Services Select Sector SPDR Fu..	(\$152M)	(\$550M)	(\$1,393M)	(\$370M)	\$11,091M
XRT	SPDR S&P Retail ETF	(\$148M)	(\$43M)	(\$389M)	(\$66M)	\$379M
VIS	Vanguard Industrials ETF	(\$137M)	(\$443M)	(\$705M)	(\$601M)	\$4,376M
KRE	SPDR S&P Regional Banking ETF	(\$127M)	(\$717M)	(\$577M)	\$291M	\$4,434M
SOXX	iShares Semiconductor ETF	(\$124M)	\$134M	\$1,322M	\$1,510M	\$8,002M
XHB	SPDR S&P Homebuilders ETF	(\$98M)	(\$606M)	(\$207M)	(\$404M)	\$1,185M
XOP	SPDR S&P Oil & Gas Exploration & Production E..	(\$95M)	\$72M	(\$200M)	(\$613M)	\$5,908M
QTEC	First Trust NASDAQ-100 Technology Sector Ind..	(\$79M)	(\$1,023M)	(\$1,037M)	(\$1,022M)	\$2,196M
FDN	First Trust Dow Jones Internet Index Fund	(\$62M)	(\$1,698M)	(\$2,163M)	(\$2,206M)	\$5,753M

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Communication Services



Consumer Discretionary



Consumer Staples



Energy



Financials



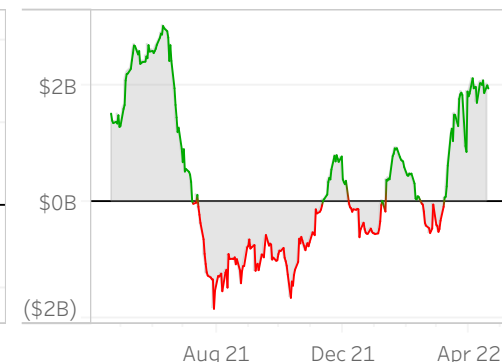
Industrial



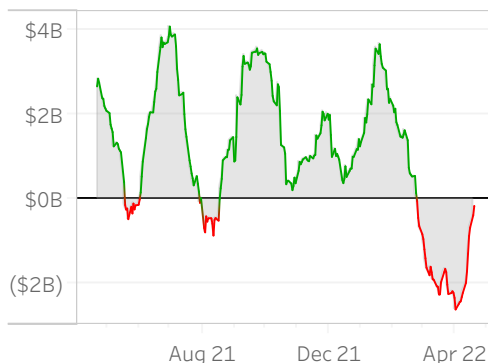
Health Care



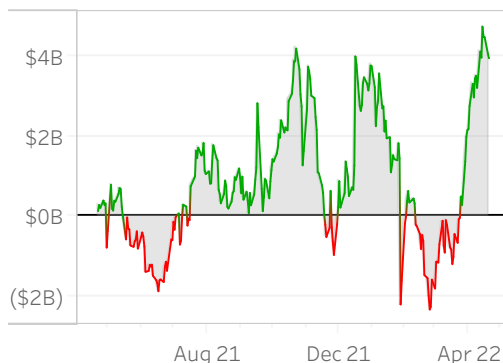
Materials



Real Estate



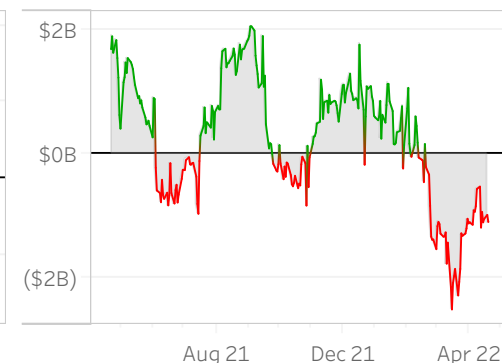
Technology



Utilities

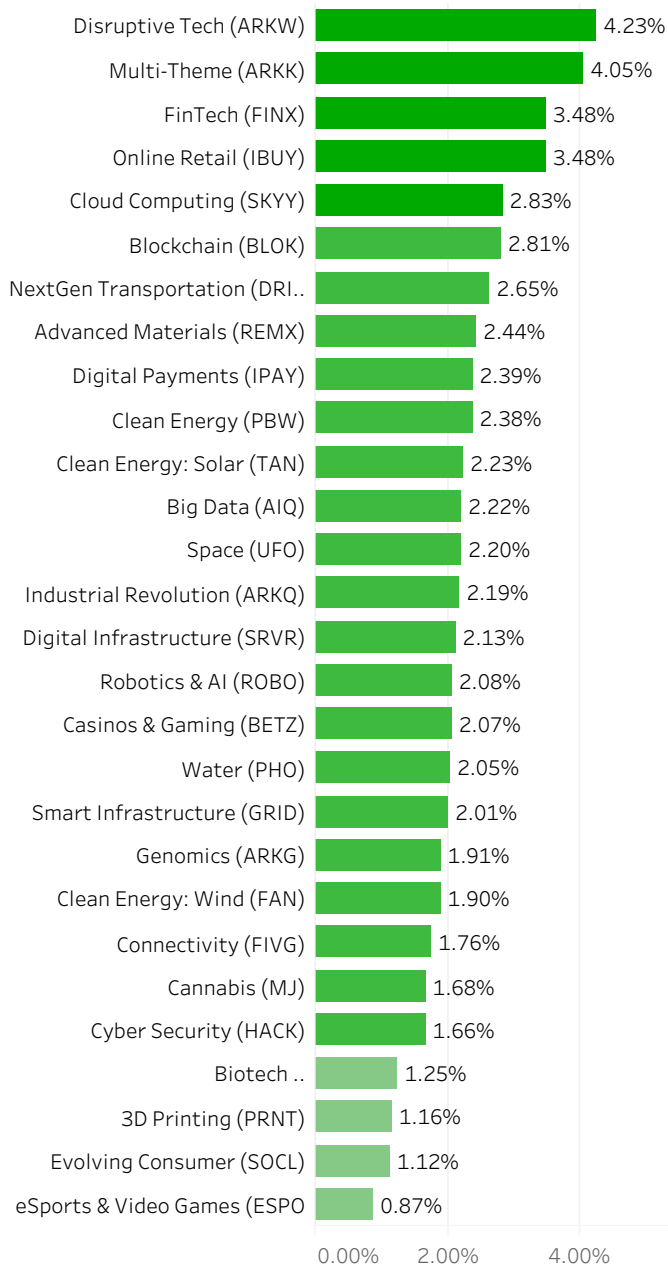


Multi-Sector

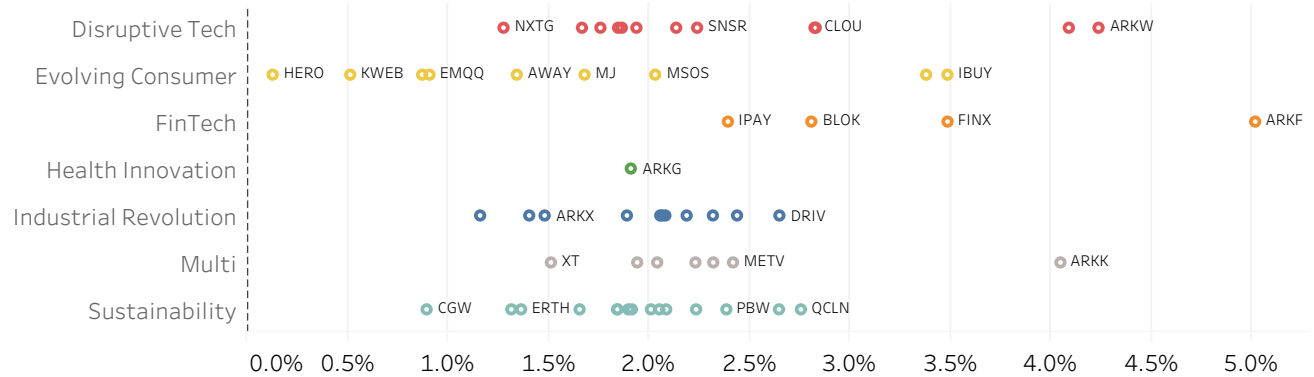


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## Global Thematic Segment 1-Day Performance



## Global Thematic 1-Day Performance Landscape



## Global Thematic 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
ARKF	ARK Fintech Innovation ETF	5.01%
ARKW	ARK Next Generation Internet ETF	4.23%
WCLD	WisdomTree Cloud Computing Fund	4.09%
ARKK	ARK Innovation ETF	4.05%
FINX	Global X FinTech ETF	3.48%
IBUY	Amplify Online Retail ETF	3.48%
ONLN	ProShares Online Retail ETF	3.38%
BITQ	Bitwise Crypto Industry Innovators ETF	3.32%
DAPP	VanEck Digital Transformation ETF	3.11%
LOUP	Innovator Loup Frontier Tech ETF	3.04%

## Thematic Most Overbought

Ticker	Fund	Price
EVX	VanEck Environmental Services ETF	60.16
SRVR	Pacer Benchmark Data & Infrastructure Real Estate SCTR ..	58.76
AGNG	Global X Aging Population ETF	55.91
BUG	Global X Cybersecurity ETF	55.78
VPN	Global X Data Center REITs & Digital Infrastructure ETF	54.62
IHAK	iShares Cybersecurity & Tech ETF	54.11
CIBR	First Trust NASDAQ Cybersecurity ETF	53.03
HACK	ETFMG Prime Cyber Security ETF	52.34
ICLN	iShares Global Clean Energy ETF	51.86
HDRO	Defiance Next Gen H2 ETF	51.84

## Global Thematic 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
KSTR	KraneShares SSE STAR Market 50 Index ETF	-2.64%
GDOC	Goldman Sachs Future Health Care Equity ETF	-0.99%
HERO	Global X Video Games & Esports ETF	0.13%
IDNA	iShares Genomics Immunology and Healthcare ETF Ge..	0.21%
AGNG	Global X Aging Population ETF	0.22%
KEMQ	KraneShares Emerging Markets Consumer Technology..	0.45%
KWEB	KraneShares CSI China Internet ETF	0.51%
RNRG	Global X Funds Global X Renewable Energy Producers ..	0.52%
LEGR	First Trust Indxx Innovative Transaction & Process ETF	0.52%
CNBS	Amplify Seymour Cannabis ETF	0.74%

## Thematic Most Oversold

Ticker	Fund	Price
KSTR	KraneShares SSE STAR Market 50 Index ETF	31.27
YOLO	AdvisorShares Pure Cannabis ETF	33.59
MSOS	AdvisorShares Pure US Cannabis ETF	34.75
CNBS	Amplify Seymour Cannabis ETF	35.31
THCX	Cannabis ETF	37.81
HERO	Global X Video Games & Esports ETF	38.15
POTX	Global X Cannabis ETF	39.06
BKCH	Global X Blockchain ETF	39.16
PRNT	3D Printing ETF	39.25
GAMR	Wedbush ETFMG Video Game Tech ETF	39.64

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## Thematic 1 Week Flow Leaders

Ticker	Fund	
ARKK	ARK Innovation ETF	\$308M
ARKG	ARK Genomic Revolution ETF	\$40M
CIBR	First Trust NASDAQ Cybersecurity ETF	\$28M
ICLN	iShares Global Clean Energy ETF	\$21M
BUG	Global X Cybersecurity ETF	\$16M
KOMP	SPDR S&P Kensho New Economies Composite ETF	\$11M
ACES	ALPS Clean Energy ETF	\$7M
LIT	Global X Lithium & Battery Tech ETF	\$3M
WCLD	WisdomTree Cloud Computing Fund	\$3M
KEMQ	KraneShares Emerging Markets Consumer Technology Index ETF	\$2M

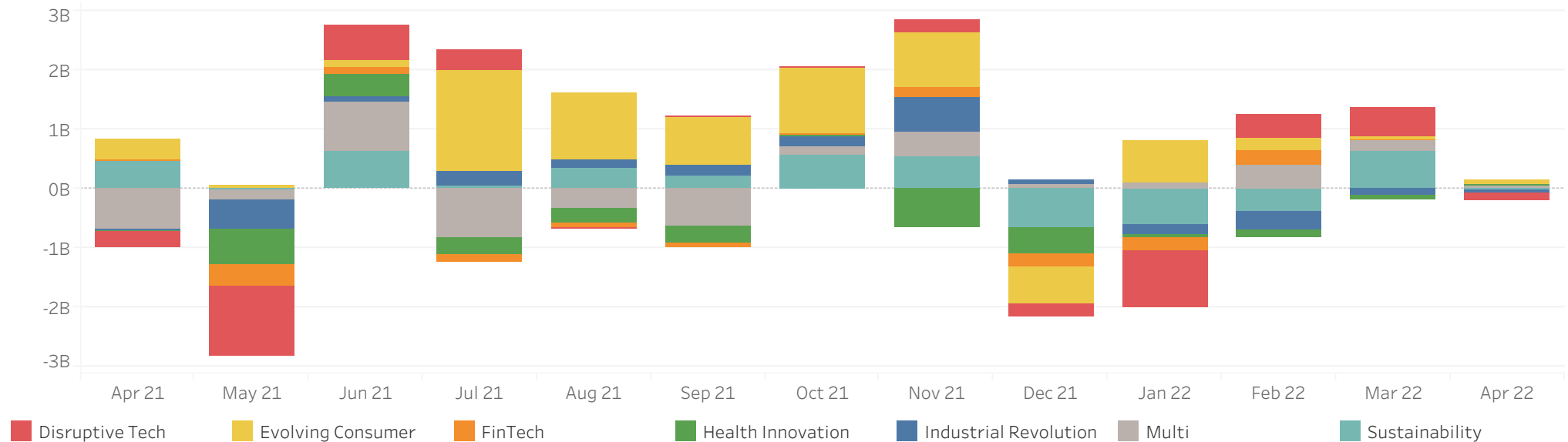
## Thematic 1 Week Flow Laggards

Ticker	Fund	
SRVR	Pacer Benchmark Data & Infrastructure Real Estate SCTR ETF	(\$34M)
SKYY	First Trust Cloud Computing ETF	(\$25M)
TAN	Invesco Solar ETF	(\$23M)
CLOU	Global X Cloud Computing ETF	(\$16M)
ARKF	ARK Fintech Innovation ETF	(\$16M)
BOTZ	Global X Robotics & Artificial Intelligence ETF	(\$14M)
KWEB	KraneShares CSI China Internet ETF	(\$12M)
KARS	KraneShares Electric Vehicles & Future Mobility Index ETF	(\$11M)
DRIV	Global X Autonomous & Electric Vehicles ETF	(\$10M)
ARKQ	ARK Autonomous Technology & Robotics ETF	(\$9M)

## Thematic Landscape Assets & Flows

Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	36	\$23B	(\$41M)	\$500M	\$27M	(\$636M)
Evolving Consumer	45	\$12B	(\$17M)	\$278M	\$1,764M	\$6,610M
FinTech	22	\$5B	(\$16M)	\$195M	\$49M	(\$495M)
Health Innovation	19	\$4B	\$54M	(\$172M)	(\$1,300M)	(\$2,387M)
Industrial Revolution	29	\$14B	(\$22M)	(\$639M)	\$296M	\$331M
Multi	38	\$18B	\$184M	\$972M	\$832M	(\$583M)
Sustainability	39	\$20B	\$10M	\$36M	(\$126M)	\$1,669M
Grand Total	228	\$96B	\$152M	\$1,170M	\$1,542M	\$4,507M

## Thematic Monthly Flows



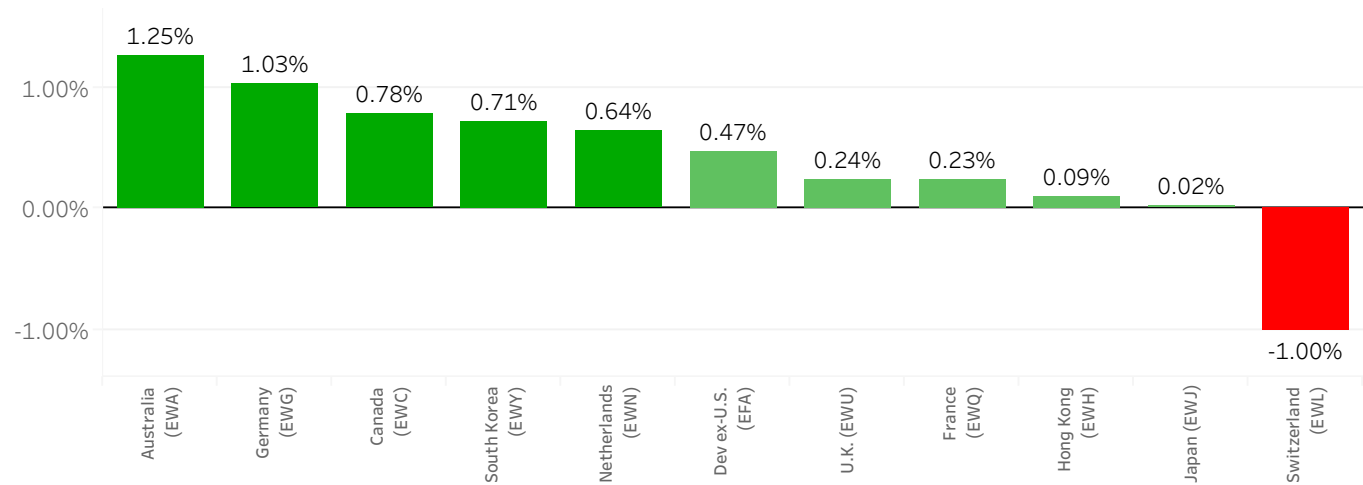
\* ETF Landscape represented using the ETF Action classification system\*\*Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify \*\*\*Flows delayed one day



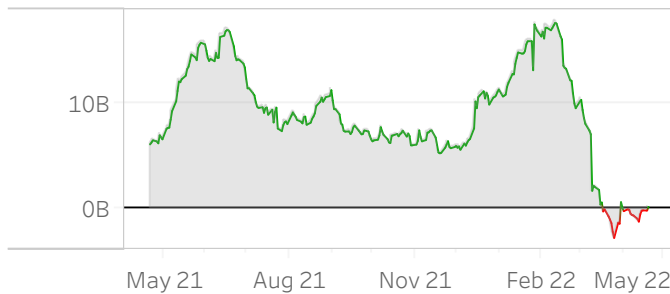
Developed ex-U.S. (EFA)



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



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



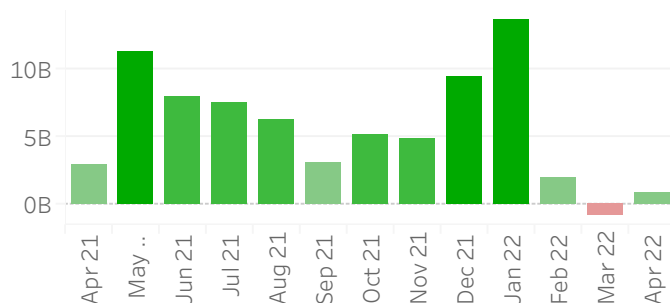
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
EIS	iShares MSCI Israel ETF	2.24%
GREK	Global X MSCI Greece ETF	2.21%
EWD	iShares MSCI Sweden ETF	1.87%
DXJ	WisdomTree Japan Hedged Equity Fund	1.71%
ISRA	VanEck Israel ETF	1.71%
EDEN	iShares MSCI Denmark ETF	1.62%
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	1.54%
HEWJ	iShares Currency Hedged MSCI Japan ETF	1.54%
TOK	iShares MSCI Kokusai ETF	1.33%
EWA	iShares MSCI Australia ETF	1.25%

Developed ex-U.S. Most Overbought

Ticker	Fund	Value
EWA	iShares MSCI Australia ETF	62.24
LVHI	Legg Mason International Low Volatility High Dividend ETF	60.00
GREK	Global X MSCI Greece ETF	58.66
NORW	Global X MSCI Norway ETF	56.68
DXJ	WisdomTree Japan Hedged Equity Fund	56.62
DDWM	WisdomTree Dynamic Currency Hedged International Equi..	56.37
EWP	iShares MSCI Spain ETF	56.12
BBCA	JPMorgan BetaBuilders Canada ETF	55.64
EUSC	WisdomTree Europe Hedged SmallCap Equity Fund	55.43
EWC	iShares MSCI Canada ETF	55.32

Developed ex-U.S. Monthly Flows



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

Ticker	Fund	1-Day Performance
EWL	iShares MSCI Switzerland ETF	-1.00%
WPS	iShares International Developed Property ETF	-0.44%
QLVD	FlexShares Developed Markets ex-US Quality Low Volatilit..	-0.37%
HDEF	Xtrackers MSCI EAFE High Dividend Yield Equity ETF	-0.29%
FSZ	First Trust Switzerland AlphaDEX Fund	-0.29%
EFAV	iShares MSCI EAFE Min Vol Factor ETF	-0.25%
AAXJ	iShares MSCI All Country Asia ex Japan ETF	-0.25%
EWUS	iShares MSCI United Kingdom Small Cap ETF	-0.21%
EWJV	iShares MSCI Japan Value ETF	-0.20%
OEUR	OShares Europe Quality Dividend ETF	-0.20%

Developed ex-U.S. Most Oversold

Ticker	Fund	Value
DFJ	WisdomTree Japan SmallCap Dividend Fund	27.32
PTIN	Pacer Trendpilot International ETF	30.18
SCJ	iShares MSCI Japan Small-Cap ETF	30.36
JPXN	iShares JPX-Nikkei 400 ETF	33.29
FLJP	Franklin FTSE Japan ETF	33.48
EWJ	iShares MSCI Japan ETF	33.67
BBJP	JPMorgan BetaBuilders Japan ETF	33.72
EWJV	iShares MSCI Japan Value ETF	35.41
ENZL	iShares MSCI New Zealand ETF	36.51
EFAD	ProShares MSCI EAFE Dividend Growers ETF	37.66

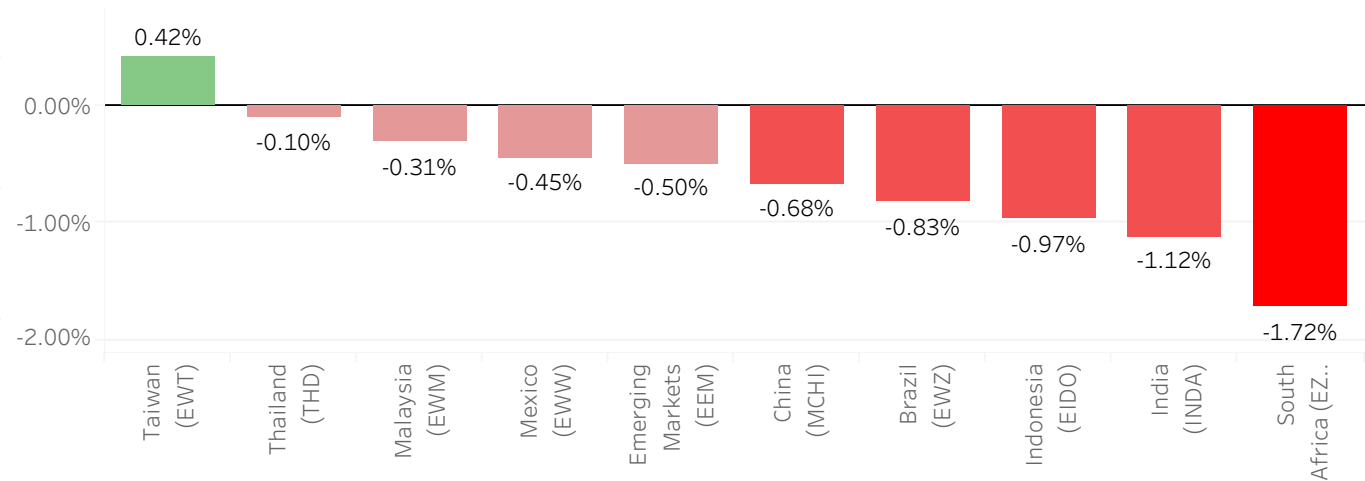
\*ETF Landscape represented using the ETF Action classification system\*\*Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify \*\*\*Flows delayed one day



Emerging (EEM)



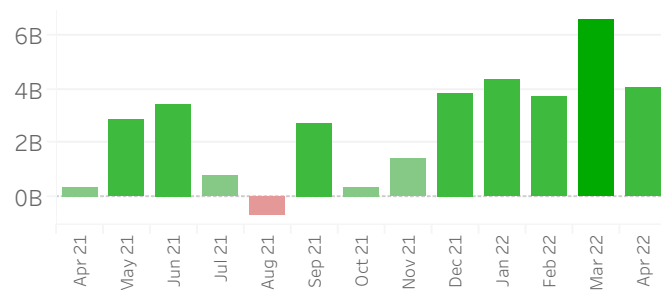
Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
PGJ	Invesco Golden Dragon China ETF	1.01%
TUR	iShares MSCI Turkey ETF	0.90%
ECNS	iShares MSCI China Small-Cap ETF	0.88%
FNI	First Trust Chindia ETF	0.74%
FEMS	First Trust Emerging Markets Small Cap AlphaDEX Fund	0.53%
EWT	iShares MSCI Taiwan ETF	0.42%
ECH	iShares MSCI Chile ETF	0.40%
EWZS	iShares MSCI Brazil Small-Cap ETF	0.36%
EEMS	iShares MSCI Emerging Markets Small Cap ETF	0.29%
FEM	First Trust Emerging Markets AlphaDEX Fund	0.24%

Emerging Most Overbought

Ticker	Fund	Price
TUR	iShares MSCI Turkey ETF	79.92
KSA	iShares MSCI Saudi Arabia ETF	66.73
IDX	VanEck Indonesia Index ETF	57.52
FLBR	Franklin FTSE Brazil ETF	55.19
EWZS	iShares MSCI Brazil Small-Cap ETF	55.08
EWZ	iShares MSCI Brazil ETF	54.81
FLN	First Trust Latin America AlphaDEX Fund	54.32
FEMS	First Trust Emerging Markets Small Cap AlphaDEX Fu..	53.64
EWW	iShares MSCI Mexico ETF	53.33
QAT	iShares MSCI Qatar ETF	53.04

Emerging 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
KBA	KraneShares Bosera MSCI China A 50 Connect Index ETF	-1.75%
EZA	iShares MSCI South Africa ETF	-1.72%
CNYA	iShares MSCI China A ETF	-1.65%
KSA	iShares MSCI Saudi Arabia ETF	-1.61%
GLIN	VanEck India Growth Leaders ETF	-1.60%
NFTY	First Trust India NIFTY 50 Equal Weight ETF	-1.51%
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	-1.44%
SMIN	iShares MSCI India Small Cap ETF	-1.37%
INDA	iShares MSCI India ETF	-1.12%
PIN	Invesco India ETF	-1.05%

Emerging Most Oversold

Ticker	Fund	Price
VNM	VanEck Vietnam ETF	28.16
EPD	iShares MSCI Peru ETF	34.17
EWT	iShares MSCI Taiwan ETF	35.09
CNYA	iShares MSCI China A ETF	37.16
EZA	iShares MSCI South Africa ETF	37.43
XCEM	Columbia EM Core ex-China ETF	38.03
JEMA	JPMorgan ActiveBuilders Emerging Markets Equity ..	38.29
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	38.49
QEMM	SPDR MSCI Emerging Markets StrategicFactors ETF	39.05
XSOE	WisdomTree Emerging Markets ex-State-Owned Ent..	39.15

\*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	-0.61%	-4.56%	-9.30%
SHY	1-3 Year Treasury Bonds	-0.23%	-0.98%	-2.88%
IEF	7-10 Year Treasury Bonds	-0.66%	-5.95%	-10.64%
TLT	20+ Year Treasury Bonds	-0.75%	-10.50%	-19.19%
TIP	TIPS Bonds	-0.50%	-4.27%	-5.61%
FLOT	Floating Rate Bonds	-0.01%	0.11%	-0.27%
LQD	Investment Grade Corporate	-0.79%	-6.55%	-13.77%
HYG	High Yield Corporate	-0.09%	-2.62%	-6.96%
BKLN	Senior Loan	0.32%	0.91%	-0.44%
PFF	Preferred & Income Securities	0.00%	-3.51%	-10.92%
MUB	Municipal Bonds	-0.57%	-3.39%	-7.61%
MBB	MBS	-0.72%	-4.59%	-8.42%
EMB	Dollar Denominated EM Bonds	-0.40%	-3.99%	-13.51%
LEMB	Local Currency EM Bond	-0.33%	-3.21%	-7.67%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	-3.20%	8.03%	36.86%
DBE	Energy	-3.48%	9.90%	46.19%
USO	WTI Crude Oil	-4.41%	2.97%	41.39%
BNO	Brent Crude Oil	-4.97%	2.86%	46.44%
UNG	Natural Gas	-7.89%	45.12%	100.08%
UGA	Gasoline	-3.63%	1.50%	40.72%
DBP	Precious Metals	-1.84%	1.20%	6.24%
GLD	Gold	-1.51%	1.41%	6.35%
SLV	Silver	-2.64%	0.96%	8.04%
PPLT	abrdn Physical Platin..	-2.01%	-3.22%	2.51%
PALL	abrdn Physical Palla..	-1.94%	-4.47%	25.74%
DBB	Base Metals	-1.22%	3.97%	16.35%
CPER	Copper	-2.15%	-0.35%	5.18%
LD	Lead	-0.74%	10.09%	6.50%
JJN	Nickel	0.49%	20.40%	65.14%
JJU	Aluminum	-2.49%	-5.31%	15.72%
JJT	Tin	-1.57%	2.63%	11.73%
DBA	Agriculture	-0.96%	4.58%	14.53%
CORN	Corn	-0.60%	14.07%	37.74%
SOYB	Soybeans	0.35%	5.17%	26.11%
WEAT	Wheat	-2.06%	9.41%	47.90%
CANE	Sugar	-2.77%	4.35%	6.96%
BAL	Cotton	-3.33%	10.02%	26.80%
NIB	Cocoa	-0.38%	-0.53%	-2.31%
JO	Coffee	-0.96%	0.72%	-1.80%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	0.22%	2.86%	5.35%
UDN	Short Dollar	-0.28%	-2.94%	-5.53%
FXE	Euro	0.06%	-2.52%	-5.47%
FXB	British Pound Sterling	-0.05%	-1.43%	-3.93%
FXF	Swiss Franc	-0.75%	-2.18%	-4.51%
FXJ	Japanese Yen	-1.50%	-7.66%	-10.80%
FXC	Canadian Dollar	0.00%	-0.26%	0.05%
FXA	Australian Dollar	0.45%	-0.44%	1.50%

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