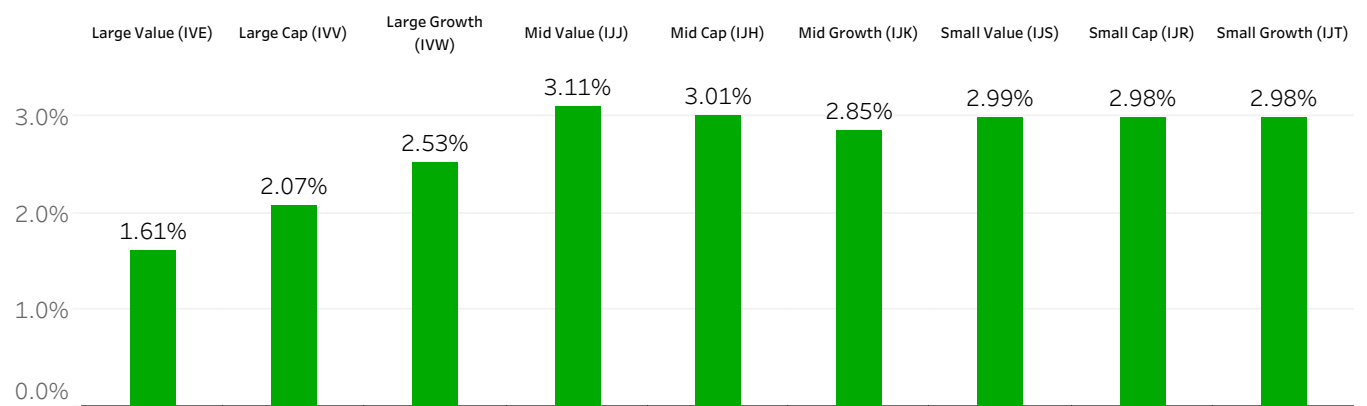


Large Cap Blend (S&P 500) IVV



U.S. Size & Style 1-Day Performance



Mid Cap Blend (S&P 400) IJH



Size & Style 1-Day Performance Leaders

Ticker	Fund	Performance
BUZZ	VanEck Social Sentiment ETF	3.91%
XMVM	Invesco S&P MidCap Value with Momentum ETF	3.59%
JSML	Janus Henderson Small Cap Growth Alpha ETF	3.55%
QUAL	Alpha Architect U.S. Quantitative Value ETF	3.47%
FYT	First Trust Small Cap Value AlphaDEX Fund	3.45%
XSVM	Invesco S&P SmallCap Value with Momentum ETF	3.44%
CALF	Pacer US Small Cap Cash Cows 100 ETF	3.40%
RZG	Invesco S&P Smallcap 600 Pure Growth ETF	3.39%
IWC	iShares Micro-Cap ETF	3.39%
SPHB	Invesco S&P 500 High Beta ETF	3.38%

Size & Style Most Overbought

Ticker	Fund	Price
FDL	First Trust Morningstar Dividend Leaders Index Fund	59.82
WBIY	WBI Power Factor High Dividend ETF	59.30
PTNQ	Pacer Trendpilot 100 ETF	58.58
HDV	iShares Core High Dividend ETF	58.54
DHS	WisdomTree U.S. High Dividend Fund	57.81
RDIV	Invesco S&P Ultra Dividend Revenue ETF	57.70
PEY	Invesco High Yield Equity Dividend Achievers ETF	56.63
SPDV	AAM S&P 500 High Dividend Value ETF	56.58
DVY	iShares Select Dividend ETF	56.43
SPYD	SPDR Portfolio S&P 500 High Dividend ETF	55.98

Small Cap Blend (S&P 600) IJR



Size & Style 1-Day Performance Laggards

Ticker	Fund	Performance
ONOF	Global X Adaptive U.S. Risk Management ETF	-0.08%
PTLC	Pacer Trendpilot US Large Cap ETF	-0.03%
PTMC	Pacer Trendpilot US Mid Cap ETF	0.00%
SPC	CrossingBridge Pre-Merger SPAC ETF	0.00%
CFO	VictoryShares US 500 Enhanced Volatility Wtd ETF	0.45%
CSF	VictoryShares US Discovery Enhanced Volatility Wtd ETF	0.47%
TPLE	Timothy Plan Us Large/Mid Cap Core Enhanced ETF	0.47%
ALTL	Pacer Lunt Large Cap Alternator ETF	0.55%
SPLV	Invesco S&P 500 Low Volatility ETF	0.60%
HUSV	First Trust Horizon Managed Volatility Domestic ETF	0.76%

Size & Style Most Oversold

Ticker	Fund	Price
PABU	iShares Paris-Aligned Climate MSCI USA ETF	28.77
MXDU	Nationwide Maximum Diversification US Core Equit..	29.65
SPC	CrossingBridge Pre-Merger SPAC ETF	32.19
NZUS	SPDR MSCI USA Climate Paris Aligned ETF	33.74
LCG	Sterling Capital Focus Equity ETF	35.94
LGH	HCM Defender 500 Index ETF	37.64
IPO	Renaissance IPO ETF	37.96
TMFS	Motley Fool Small-Cap Growth ETF	38.57
DVOL	First Trust Dorsey Wright Momentum & Low Volatili..	39.14
QQH	HCM Defender 100 Index ETF	39.23

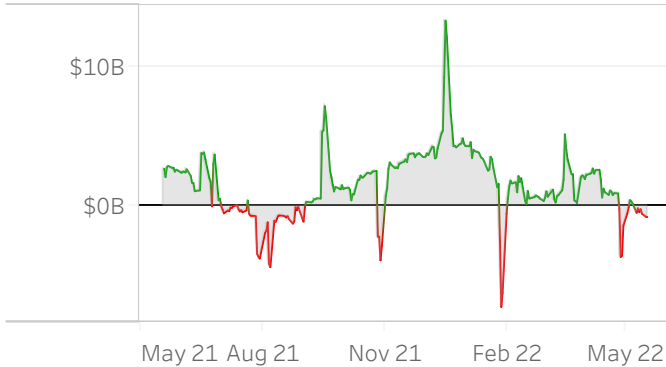
■ Closing Price ■ 50 Day Moving Average ■ 200 Day Moving Average

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

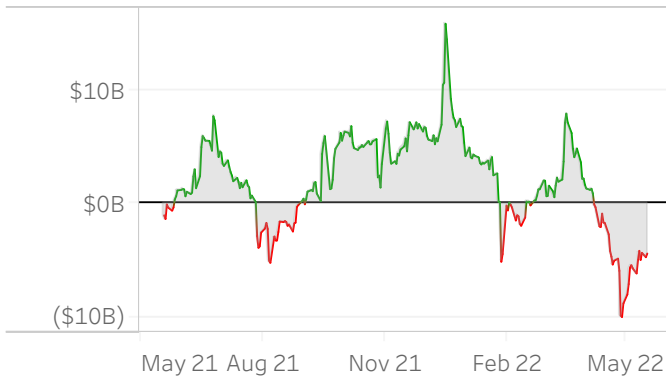
Large-Cap 30-Day Rolling Flows



Mid-Cap 30-Day Rolling Flows



Small-Cap 30-Day Rolling Flows



U.S. Size & Style Landscape Flows

	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Large Cap, Beta Growth, Beta	25	\$1,177B	(\$1.30B)	(\$5.53B)	\$33.53B	\$116.07B
Large Cap, Beta Growth, Beta: Growth	10	\$213B	\$1.06B	\$4.64B	\$6.32B	\$15.04B
Large Cap, Beta Growth, Beta: Value	11	\$217B	\$0.30B	\$3.36B	\$16.27B	\$26.67B
Mid Cap, Beta, Beta	10	\$171B	\$0.15B	\$2.21B	\$7.31B	\$10.74B
Mid Cap, Beta, Beta: Growth	6	\$30B	\$0.04B	(\$0.19B)	(\$0.73B)	(\$0.33B)
Mid Cap, Beta, Beta: Value	6	\$39B	(\$0.13B)	(\$0.92B)	(\$0.23B)	(\$0.13B)
Small Cap, Beta, Beta	13	\$187B	(\$0.57B)	(\$1.60B)	(\$0.11B)	\$11.03B
Small Cap, Beta, Beta: Growth	7	\$29B	\$0.15B	\$0.26B	\$0.72B	\$1.21B
Small Cap, Beta, Beta: Value	7	\$49B	(\$0.73B)	(\$4.39B)	(\$3.31B)	(\$3.02B)

U.S. Size & Style Flow Leaders

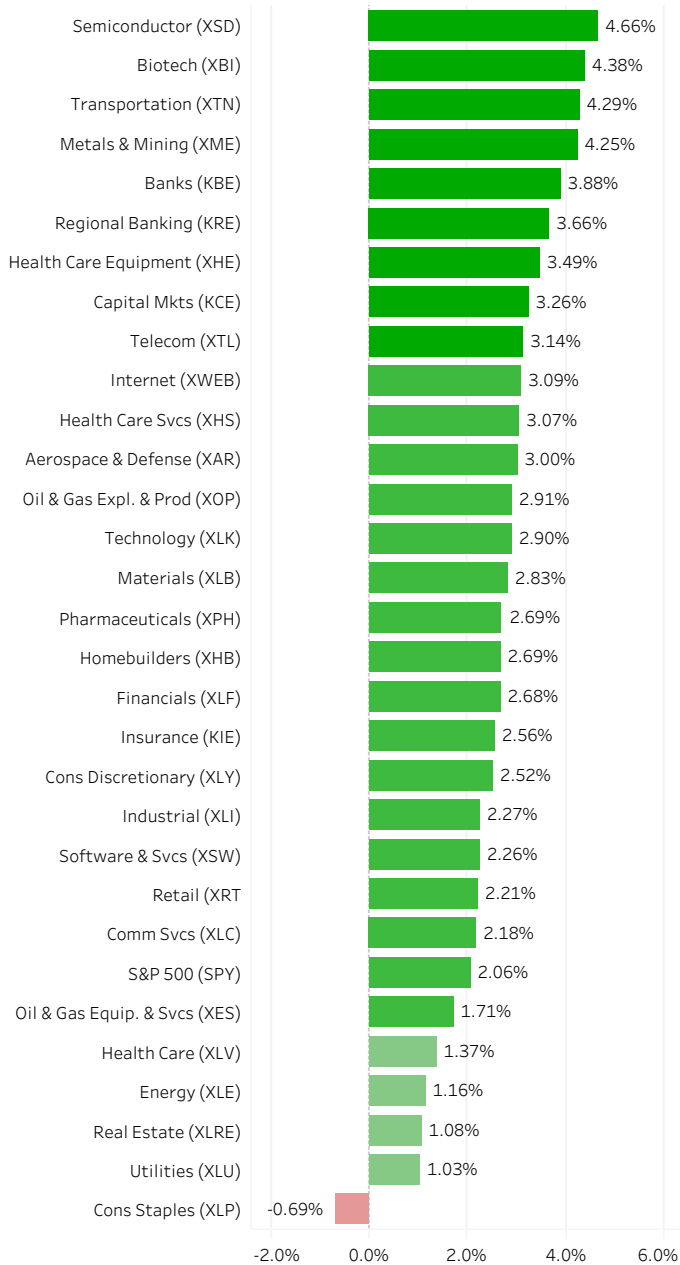
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
IWF	iShares Russell 1000 Growth ETF	\$0.71B	\$0.39B	\$0.27B	\$0.06B	\$59.43B
VUG	Vanguard Growth ETF	\$0.59B	\$2.98B	\$3.91B	\$6.15B	\$69.27B
VOO	Vanguard S&P 500 ETF	\$0.58B	(\$2.23B)	\$14.90B	\$40.09B	\$250.43B
SPLV	Invesco S&P 500 Low Volatility ETF	\$0.33B	\$1.10B	\$1.34B	\$1.93B	\$10.33B
HDV	iShares Core High Dividend ETF	\$0.32B	\$1.79B	\$2.38B	\$2.75B	\$10.48B
COWZ	Pacer US Cash Cows 100 ETF	\$0.31B	\$3.07B	\$4.25B	\$4.70B	\$5.36B
IWD	iShares Russell 1000 Value ETF	\$0.31B	(\$0.68B)	(\$0.21B)	\$1.58B	\$53.62B
DFAC	Dimensional U.S. Core Equity 2 ETF	\$0.28B	\$0.88B	\$1.59B	\$2.23B	\$14.31B
SCHD	Schwab US Dividend Equity ETF	\$0.22B	\$1.53B	\$5.49B	\$10.53B	\$35.15B
IUSG	iShares Core S&P U.S. Growth ETF	\$0.21B	\$0.44B	\$0.48B	\$0.82B	\$10.91B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
QQQ	Invesco QQQ Trust	(\$1.88B)	\$5.32B	\$8.03B	\$23.41B	\$161.92B
VB	Vanguard Small-Cap ETF	(\$0.51B)	(\$0.89B)	\$0.45B	\$3.28B	\$41.20B
VBR	Vanguard Small Cap Value ETF	(\$0.51B)	(\$1.47B)	(\$0.53B)	\$1.16B	\$23.40B
IVE	iShares S&P 500 Value ETF	(\$0.22B)	\$0.64B	\$1.97B	\$1.87B	\$24.08B
IVW	iShares S&P 500 Growth ETF	(\$0.18B)	(\$0.43B)	(\$1.07B)	(\$0.53B)	\$29.41B
MDY	SPDR S&P Midcap 400 ETF Trust	(\$0.17B)	(\$0.21B)	(\$0.55B)	(\$1.67B)	\$17.88B
SPY	SPDR S&P 500 ETF Trust	(\$0.17B)	(\$1.10B)	(\$1.50B)	\$18.71B	\$359.78B
VTWO	Vanguard Russell 2000 ETF	(\$0.17B)	(\$0.36B)	\$0.27B	\$1.78B	\$5.49B
IWN	iShares Russell 2000 Value ETF	(\$0.17B)	(\$1.66B)	(\$1.84B)	(\$3.07B)	\$12.07B
SPLG	SPDR Portfolio S&P 500 ETF	(\$0.14B)	\$0.57B	\$1.69B	\$3.88B	\$13.19B

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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%	83.16%	8.29%	33.62%	61.88
XLP	Consumer Staples Select Sector SPDR Fund	-4.72%	11.58%	0.27%	3.51%	47.55
XLU	Utilities Select Sector SPDR Fund	-5.94%	14.49%	-1.01%	4.65%	49.48
XLB	Materials Select Sector SPDR Fund	-6.56%	7.03%	-1.78%	-1.03%	49.15
XLV	Health Care Select Sector SPDR Fund	-8.05%	8.24%	-2.26%	-1.32%	49.03
XLI	Industrial Select Sector SPDR Fund	-11.24%	3.62%	-4.02%	-6.68%	45.70
SPY	SPDR S&P 500 ETF Trust	-14.53%	4.07%	-5.38%	-8.61%	44.26
XLRE	Real Estate Select Sector SPDR Fund	-16.62%	3.52%	-8.25%	-8.73%	36.96
XLF	Financial Select Sector SPDR Fund	-17.58%	3.30%	-7.17%	-11.22%	41.31
XLK	Technology Select Sector SPDR Fund	-21.56%	5.38%	-6.48%	-12.04%	45.27
XLY	Consumer Discretionary Select Sector SPDR Fund	-27.73%	4.97%	-11.66%	-17.94%	38.67
XLC	Communication Services Select Sector SPDR Fund	-30.38%	5.03%	-7.39%	-19.59%	44.84

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance (%)
SOXQ	Invesco PHLX Semiconductor ETF	4.99%
PSI	Invesco Dynamic Semiconductors ETF	4.86%
SOXX	iShares Semiconductor ETF	4.86%
XSD	SPDR S&P Semiconductor ETF	4.66%
XBI	SPDR S&P BIOTECH ETF	4.38%
FTXL	First Trust Nasdaq Semiconductor ETF	4.34%
PYZ	Invesco DWA Basic Materials Momentum ETF	4.33%
XTN	SPDR S&P Transportation ETF	4.29%
XME	SPDR S&P Metals & Mining ETF	4.25%
PTF	Invesco DWA Technology Momentum ETF	4.06%

Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
XLE	Energy Select Sector SPDR Fund	61.88
RYE	Invesco S&P 500 Equal Weight Energy ETF	61.14
IYE	iShares U.S. Energy ETF	60.73
VDE	Vanguard Energy ETF	60.59
FENY	Fidelity MSCI Energy Index ETF	60.50
IEO	iShares U.S. Oil & Gas Exploration & Production ETF	60.13
PXE	Invesco Dynamic Energy Exploration & Production ETF	59.43
FXN	First Trust Energy AlphaDEX Fund	59.30
FTXN	First Trust Nasdaq Oil & Gas ETF	58.30
FXG	First Trust Consumer Staples AlphaDEX Fund	57.39

Sector & Industry 1 Day Performance Laggards

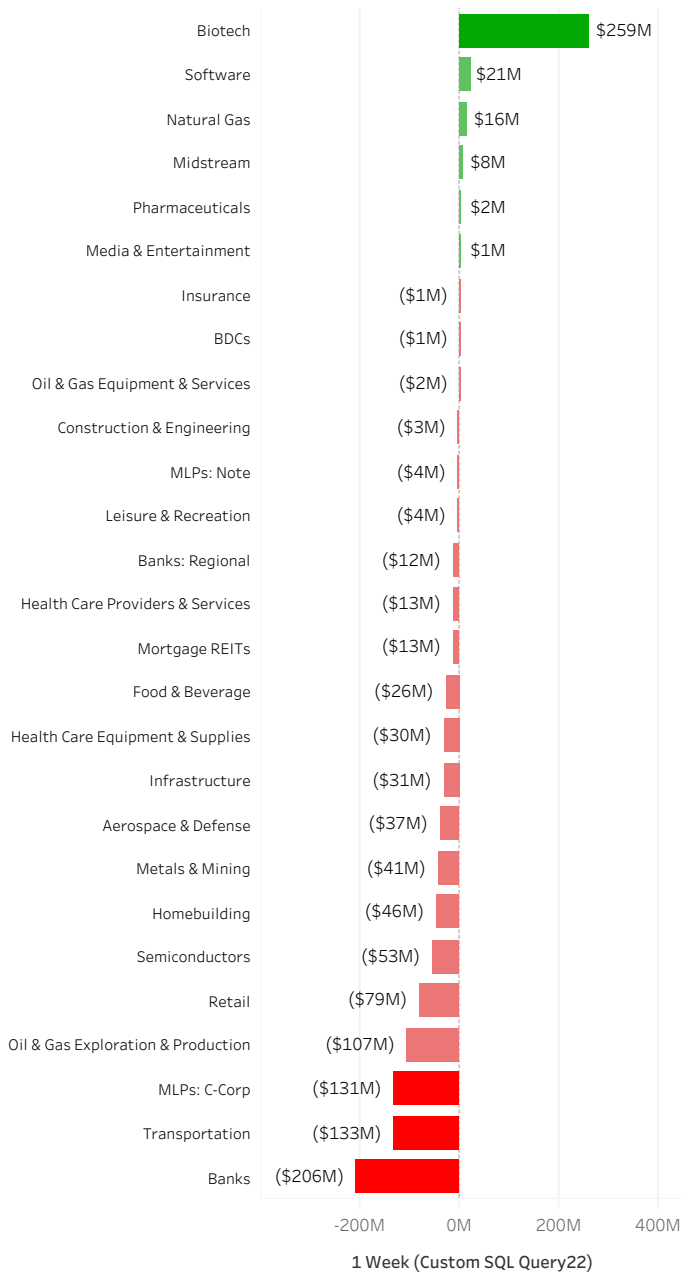
Ticker	Fund	1 Day Performance (%)
FSTA	FIDELITY COVINGTON TRUST MSCI CONSUMER STAPL..	-0.82%
VDC	Vanguard Consumer Staples ETF	-0.79%
XLP	Consumer Staples Select Sector SPDR Fund	-0.69%
RHS	Invesco S&P 500 Equal Weight Consumer Staples ETF	-0.47%
PBJ	Invesco Dynamic Food & Beverage ETF	-0.11%
IYK	iShares U.S. Consumer Staples ETF	0.07%
FTXG	First Trust Nasdaq Food & Beverage ETF	0.40%
INDS	Pacer Benchmark Industrial Real Estate SCTR ETF	0.53%
SZNE	Pacer CFRA-Stovall Equal Weight Seasonal Rotation E..	0.68%
PXJ	Invesco Dynamic Oil & Gas Services ETF	0.68%

Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
INDS	Pacer Benchmark Industrial Real Estate SCTR ETF	34.48
REZ	iShares Residential and Multisector Real Estate ETF	34.86
NURE	Nuveen Short-Term REIT ETF	35.51
RWR	SPDR Dow Jones REIT ETF	36.84
ICF	iShares Cohen & Steers REIT ETF	36.89
XLRE	Real Estate Select Sector SPDR Fund	36.96
FRI	First Trust S&P REIT Index Fund	37.62
PFI	Invesco DWA Financial Momentum ETF	37.75
BBRE	JPMorgan BetaBuilders MSCI U.S. REIT ETF	37.80
USRT	iShares Core U.S. REIT ETF	37.92

* 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	\$14B	(\$486M)	(\$887M)	(\$1,937M)	(\$118M)
Consumer Discretionary	13	\$24B	(\$489M)	(\$2,127M)	(\$4,012M)	(\$4,514M)
Consumer Staples	12	\$28B	\$336M	\$2,860M	\$6,516M	\$7,136M
Energy	34	\$81B	(\$445M)	(\$1,238M)	\$5,231M	\$4,215M
Financials	28	\$63B	(\$1,124M)	(\$13,550M)	(\$6,769M)	(\$7,397M)
Health Care	26	\$86B	\$553M	\$4,298M	\$7,858M	\$11,268M
Industrial	14	\$29B	(\$369M)	(\$533M)	(\$1,859M)	(\$6,156M)
Materials	10	\$17B	(\$237M)	\$1,324M	\$997M	(\$172M)
Multi-Sector	18	\$15B	(\$56M)	(\$3,271M)	(\$4,494M)	(\$3,702M)
Real Estate	23	\$70B	\$133M	(\$3,143M)	\$260M	\$8,273M
Technology	24	\$119B	(\$36M)	\$874M	\$804M	\$6,204M
Utilities	10	\$25B	\$749M	\$2,580M	\$3,807M	\$4,594M

U.S. Sector & Industry Flow Leaders

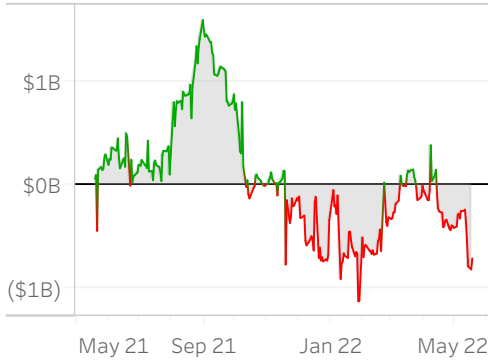
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
FUTY	Fidelity MSCI Utilities Index ETF	\$456M	\$622M	\$652M	\$722M	\$1,874M
XLV	Health Care Select Sector SPDR Fund	\$388M	\$3,629M	\$5,540M	\$8,674M	\$37,158M
XLU	Utilities Select Sector SPDR Fund	\$309M	\$1,745M	\$2,557M	\$3,050M	\$15,861M
XLRE	Real Estate Select Sector SPDR Fund	\$262M	\$539M	\$1,142M	\$2,784M	\$5,538M
XBI	SPDR S&P BIOTECH ETF	\$246M	\$998M	\$2,335M	\$2,444M	\$5,760M
XLP	Consumer Staples Select Sector SPDR Fund	\$230M	\$1,109M	\$4,013M	\$4,415M	\$16,707M
VGT	Vanguard Information Technology ETF	\$203M	\$957M	\$197M	\$2,049M	\$42,186M
IGM	iShares Expanded Tech Sector ETF	\$46M	\$1,045M	\$907M	\$1,050M	\$3,665M
XHB	SPDR S&P Homebuilders ETF	\$42M	(\$391M)	(\$394M)	(\$676M)	\$1,180M
IYK	iShares U.S. Consumer Staples ETF	\$41M	\$265M	\$467M	\$459M	\$1,259M

U.S. Sector & Industry Flow Laggards

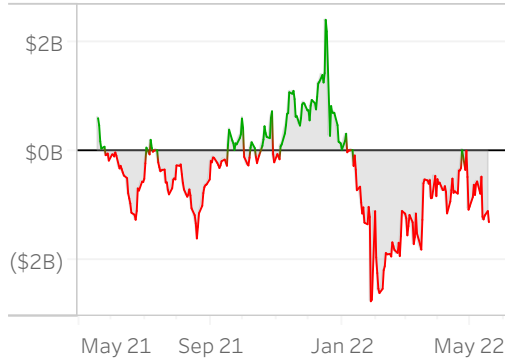
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLF	Financial Select Sector SPDR Fund	(\$686M)	(\$8,106M)	(\$3,994M)	(\$5,771M)	\$33,515M
XLC	Communication Services Select Sector SPDR Fu..	(\$413M)	(\$684M)	(\$1,537M)	(\$572M)	\$9,494M
XLY	Consumer Discretionary Select Sector SPDR Fu..	(\$352M)	(\$489M)	(\$1,518M)	(\$1,565M)	\$15,619M
XLE	Energy Select Sector SPDR Fund	(\$268M)	(\$2,337M)	\$912M	\$504M	\$39,998M
KBWB	Invesco KBW Bank ETF	(\$209M)	(\$846M)	(\$285M)	(\$192M)	\$2,034M
XLK	Technology Select Sector SPDR Fund	(\$179M)	\$566M	\$1,455M	\$2,376M	\$40,148M
AMPLP	Alerian MLP ETF	(\$126M)	\$94M	\$433M	\$352M	\$6,435M
XOP	SPDR S&P Oil & Gas Exploration & Production E..	(\$116M)	(\$454M)	\$190M	(\$930M)	\$4,943M
VAW	Vanguard Materials ETF	(\$112M)	(\$353M)	(\$302M)	(\$53M)	\$3,465M
VIS	Vanguard Industrials ETF	(\$111M)	(\$674M)	(\$914M)	(\$1,407M)	\$3,500M

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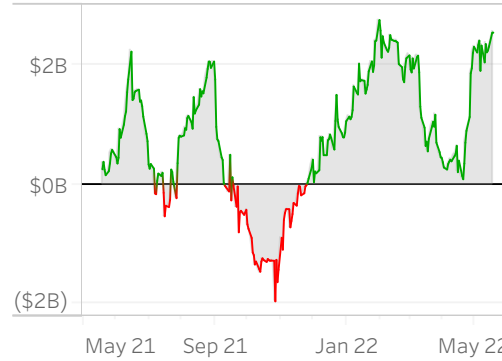
Communication Services



Consumer Discretionary



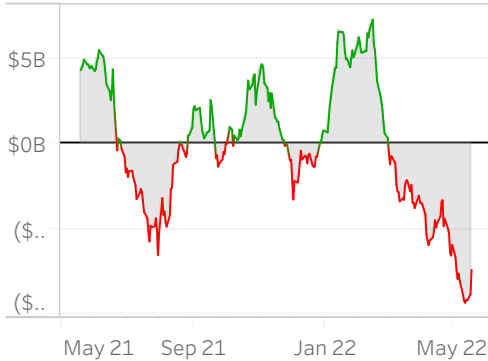
Consumer Staples



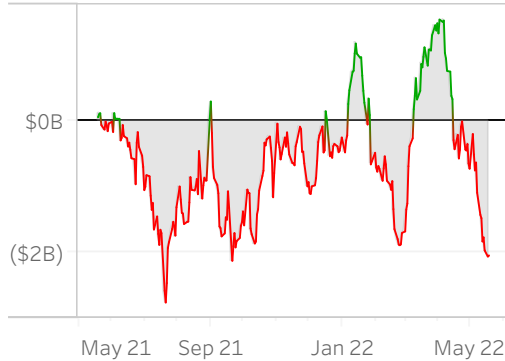
Energy



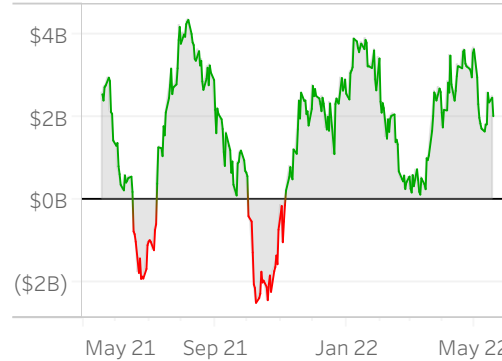
Financials



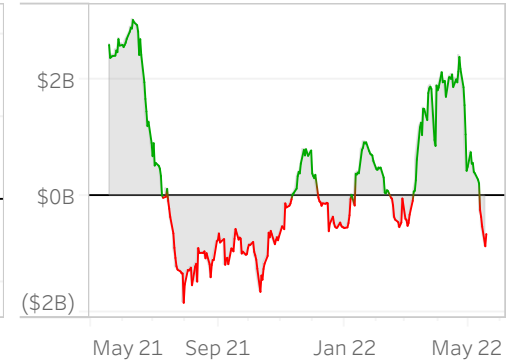
Industrial



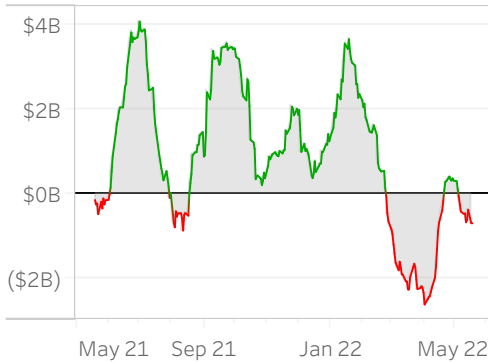
Health Care



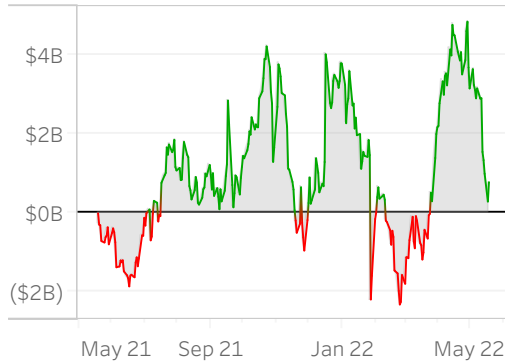
Materials



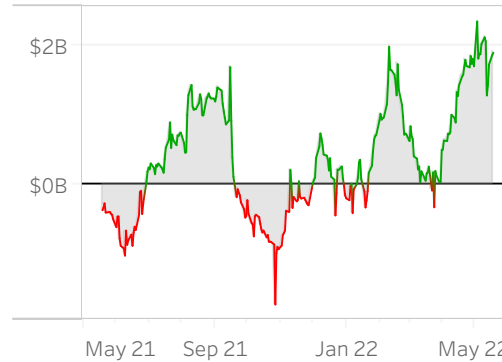
Real Estate



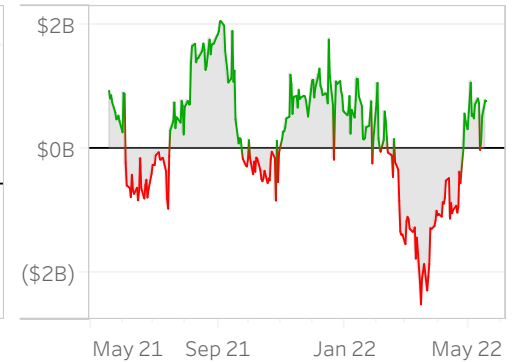
Technology



Utilities

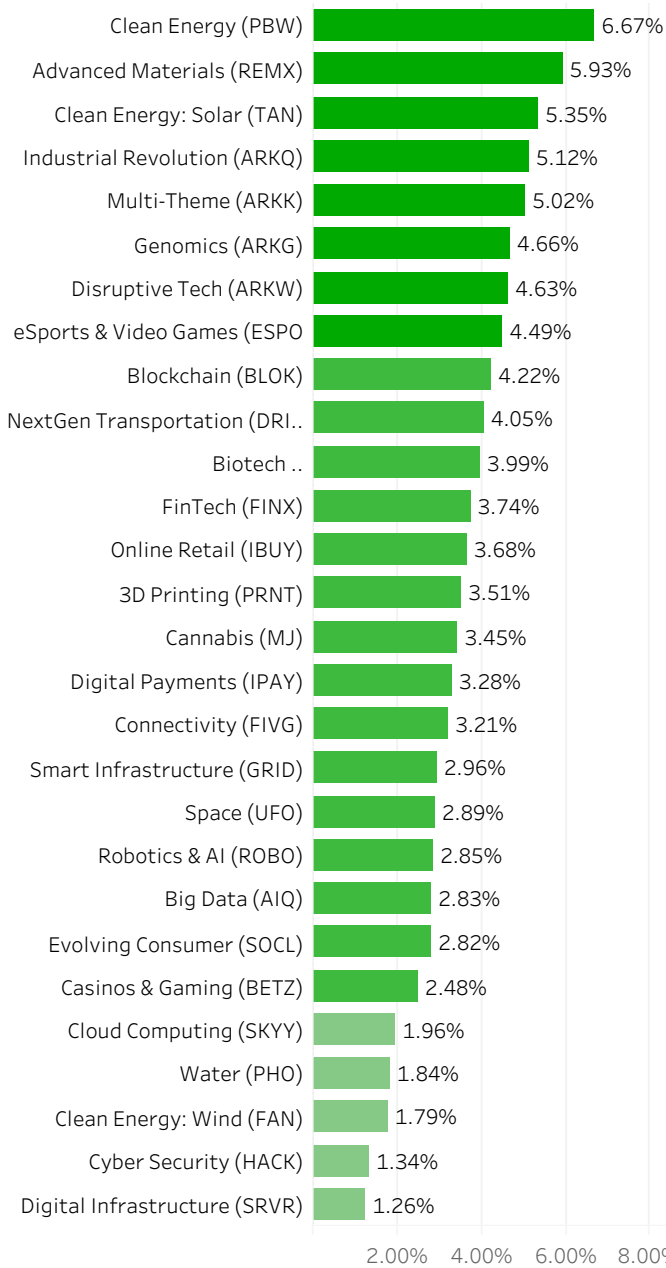


Multi-Sector

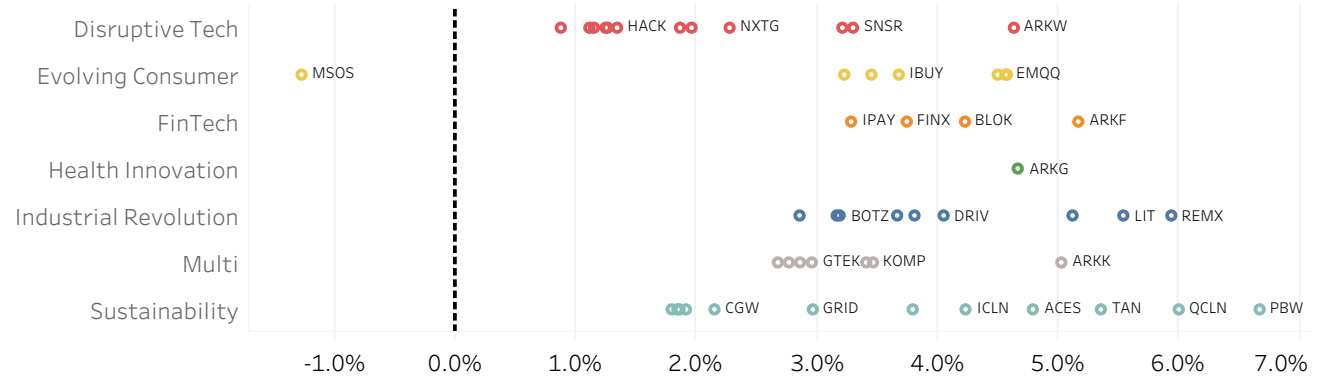


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Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	Performance
BITQ	Bitwise Crypto Industry Innovators ETF	7.20%
PBW	Invesco WilderHill Clean Energy ETF	6.67%
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	6.00%
REMX	VanEck Rare Earth/Strategic Metals ETF	5.93%
BKCH	Global X Blockchain ETF	5.87%
LIT	Global X Lithium & Battery Tech ETF	5.54%
BATT	Amplify Lithium & Battery Technology ETF	5.42%
TAN	Invesco Solar ETF	5.35%
KARS	KraneShares Electric Vehicles & Future Mobility Index ETF	5.19%
ARKF	ARK Fintech Innovation ETF	5.16%

Thematic Most Overbought

Ticker	Fund	Value
LIT	Global X Lithium & Battery Tech ETF	55.45
KGRN	KraneShares MSCI China Clean Technology Index ETF	53.78
KWEB	KraneShares CSI China Internet ETF	52.38
KSTR	KraneShares SSE STAR Market 50 Index ETF	52.03
KARS	KraneShares Electric Vehicles & Future Mobility Index ETF	51.45
FIVG	Defiance Next Gen Connectivity ETF	49.38
ESPO	VanEck Video Gaming and eSports ETF	49.27
REMX	VanEck Rare Earth/Strategic Metals ETF	49.26
QTUM	Defiance Quantum ETF	48.81
NXTG	First Trust Indxx NextG ETF	48.57

Global Thematic 1-Day Performance Laggards

Ticker	Fund	Performance
MSOS	AdvisorShares Pure US Cannabis ETF	-1.27%
CNBS	Amplify Seymour Cannabis ETF	0.69%
BUG	Global X Cybersecurity ETF	0.87%
VPN	Global X Data Center REITs & Digital Infrastructure ETF	1.08%
CLOU	Global X Cloud Computing ETF	1.11%
CIBR	First Trust NASDAQ Cybersecurity ETF	1.15%
BJK	VanEck Gaming ETF	1.16%
IHAK	iShares Cybersecurity & Tech ETF	1.24%
SRVR	Pacer Benchmark Data & Infrastructure Real Estate S..	1.26%
HACK	ETFMG Prime Cyber Security ETF	1.34%

Thematic Most Oversold

Ticker	Fund	Value
BKCH	Global X Blockchain ETF	29.77
MSOS	AdvisorShares Pure US Cannabis ETF	30.33
BITQ	Bitwise Crypto Industry Innovators ETF	31.64
YOLO	AdvisorShares Pure Cannabis ETF	32.64
BUG	Global X Cybersecurity ETF	34.29
BLOK	Amplify Transformational Data Sharing ETF	34.64
CIBR	First Trust NASDAQ Cybersecurity ETF	35.03
HACK	ETFMG Prime Cyber Security ETF	35.12
CNBS	Amplify Seymour Cannabis ETF	35.71
CLOU	Global X Cloud Computing ETF	36.16

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Thematic 1 Week Flow Leaders

Ticker	Fund	Flow
ARKK	ARK Innovation ETF	\$469M
KWEB	KraneShares CSI China Internet ETF	\$255M
ARKG	ARK Genomic Revolution ETF	\$96M
GNOM	Global X Genomics & Biotechnology ETF	\$40M
WCLD	WisdomTree Cloud Computing Fund	\$17M
SRVR	Pacer Benchmark Data & Infrastructure Real Estate SCTR ETF	\$10M
TARK	AXS 2X Innovation ETF	\$4M
FDIG	Fidelity Crypto Industry and Digital Payments ETF	\$3M
KOMP	SPDR S&P Kensho New Economies Composite ETF	\$2M
TENG	Direxion Daily 5G Communications Bull 2X Shares	\$2M

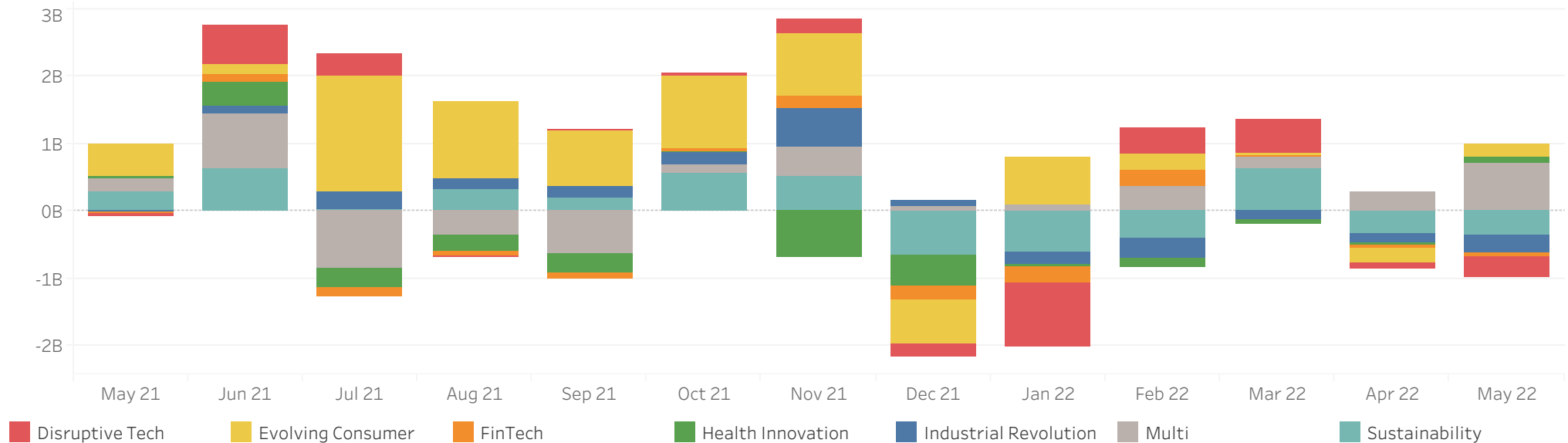
Thematic 1 Week Flow Laggards

Ticker	Fund	Flow
ICLN	iShares Global Clean Energy ETF	(\$114M)
LIT	Global X Lithium & Battery Tech ETF	(\$94M)
SKYY	First Trust Cloud Computing ETF	(\$72M)
HACK	ETFMG Prime Cyber Security ETF	(\$42M)
TAN	Invesco Solar ETF	(\$41M)
BOTZ	Global X Robotics & Artificial Intelligence ETF	(\$38M)
ONLN	ProShares Online Retail ETF	(\$37M)
CIBR	First Trust NASDAQ Cybersecurity ETF	(\$34M)
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure Index	(\$32M)
METV	Roundhill Ball Metaverse ETF	(\$25M)

Thematic Landscape Assets & Flows

Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	35	\$19B	(\$143M)	\$220M	(\$707M)	\$506M
Evolving Consumer	48	\$10B	\$238M	(\$36M)	\$192M	\$6,618M
FinTech	24	\$3B	(\$47M)	(\$23M)	(\$305M)	(\$280M)
Health Innovation	19	\$4B	\$94M	(\$22M)	(\$939M)	(\$1,690M)
Industrial Revolution	32	\$12B	(\$133M)	(\$551M)	(\$721M)	\$499M
Multi	42	\$15B	\$193M	\$1,643M	\$1,966M	\$1,435M
Sustainability	41	\$16B	(\$221M)	(\$220M)	(\$1,702M)	\$830M
Grand Total	241	\$80B	(\$19M)	\$1,012M	(\$2,216M)	\$7,917M

Thematic Monthly Flows

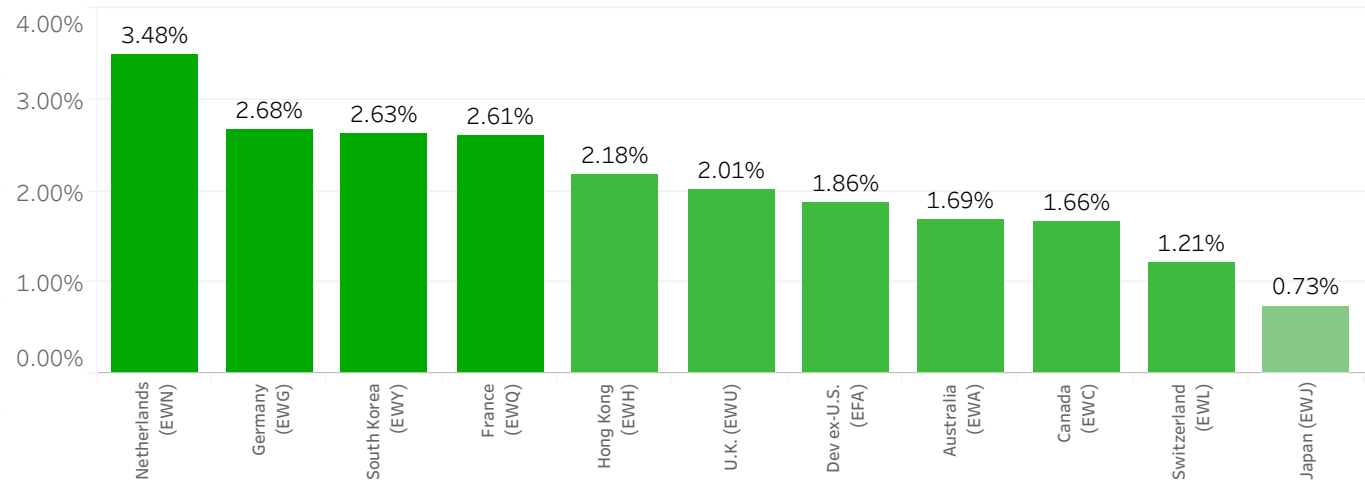


* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

Developed ex-U.S. (EFA)



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



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



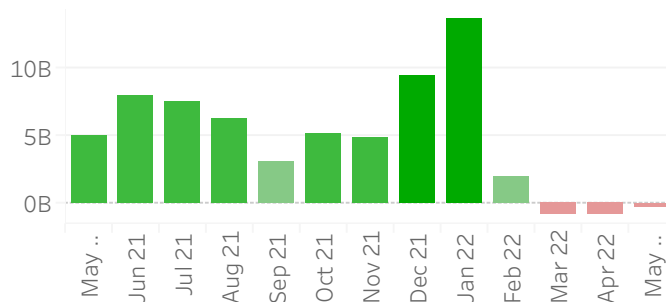
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
RBIN	Nationwide Risk-Based International Equity ETF	3.95%
EIS	iShares MSCI Israel ETF	3.56%
EWN	iShares MSCI Netherlands ETF	3.48%
ISRA	VanEck Israel ETF	3.40%
AIA	iShares Asia 50 ETF	3.17%
EWO	iShares MSCI Austria ETF	3.16%
FEZ	SPDR EURO STOXX 50 ETF	2.88%
AAXJ	iShares MSCI All Country Asia ex Japan ETF	2.86%
IEUS	iShares MSCI Europe Small-Cap ETF	2.85%
EDEN	iShares MSCI Denmark ETF	2.80%

Developed ex-U.S. Most Overbought

Ticker	Fund	Value
HEDJ	WisdomTree Europe Hedged Equity Fund	55.19
LVHI	Legg Mason International Low Volatility High Dividend ETF	55.13
EUSC	WisdomTree Europe Hedged SmallCap Equity Fund	54.46
HEZU	iShares Currency Hedged MSCI Eurozone ETF	54.16
FDD	First Trust Stoxx European Select Dividend Index Fund	53.81
IQIN	IQ 500 International ETF	52.77
DBEU	Xtrackers MSCI Europe Hedged Equity ETF	52.66
IDOG	ALPS International Sector Dividend Dogs ETF	52.50
AIVI	WisdomTree International AI Enhanced Value Fund	52.50
IDV	iShares International Select Dividend ETF	52.42

Developed ex-U.S. Monthly Flows



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

Ticker	Fund	1-Day Performance
PTIN	Pacer Trendpilot International ETF	-0.04%
EWJV	iShares MSCI Japan Value ETF	0.08%
CIL	VictoryShares International Volatility Wtd ETF	0.10%
ENZL	iShares MSCI New Zealand ETF	0.24%
DFJ	WisdomTree Japan SmallCap Dividend Fund	0.54%
SCJ	iShares MSCI Japan Small-Cap ETF	0.62%
LVHI	Legg Mason International Low Volatility High Dividend ETF	0.62%
FLJP	Franklin FTSE Japan ETF	0.73%
EWJ	iShares MSCI Japan ETF	0.73%
BBJP	JPMorgan BetaBuilders Japan ETF	0.76%

Developed ex-U.S. Most Oversold

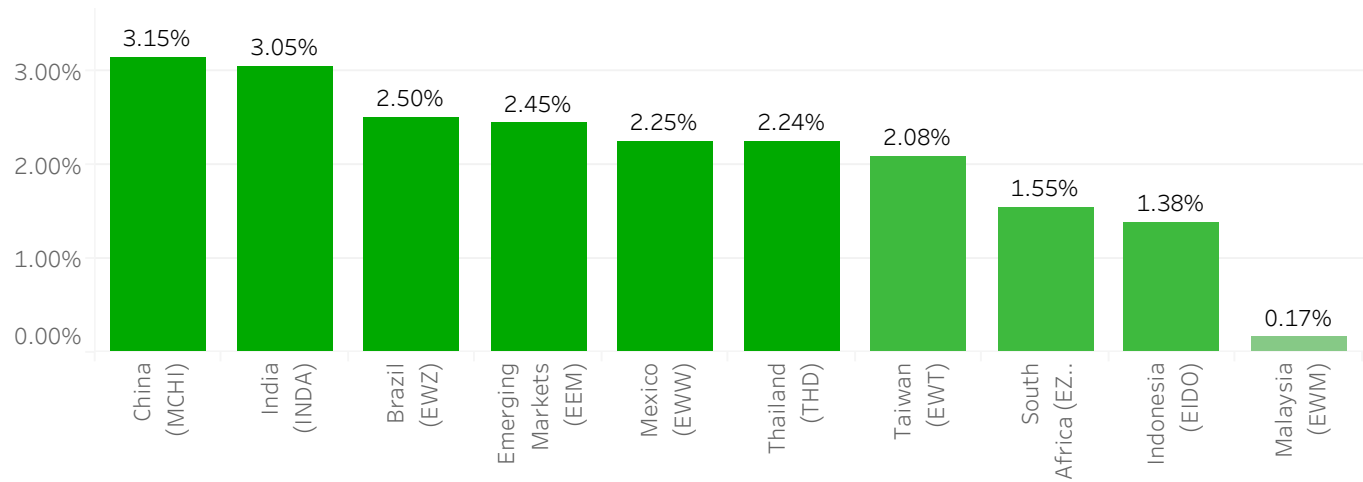
Ticker	Fund	Value
ENZL	iShares MSCI New Zealand ETF	30.07
PTIN	Pacer Trendpilot International ETF	31.40
FLSW	Franklin FTSE Switzerland ETF	38.89
WPS	iShares International Developed Property ETF	39.36
EWL	iShares MSCI Switzerland ETF	39.46
EFAV	iShares MSCI EAFE Min Vol Factor ETF	42.06
NORW	Global X MSCI Norway ETF	42.61
EFAD	ProShares MSCI EAFE Dividend Growers ETF	42.83
EDEN	iShares MSCI Denmark ETF	42.98
EWS	iShares MSCI Singapore ETF	43.02

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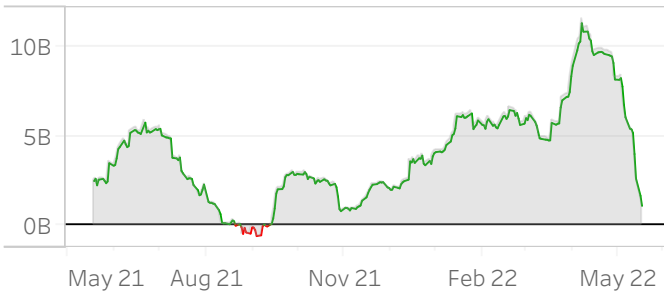
Emerging (EEM)



Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



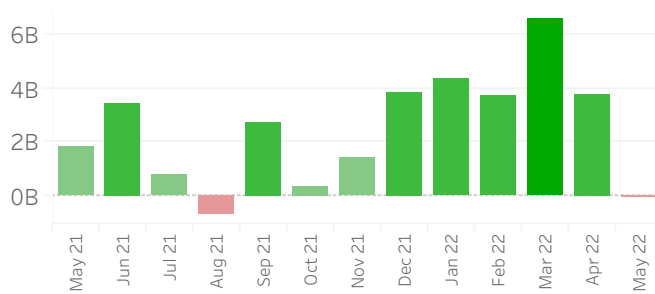
Emerging 1-Day Performance Leaders

Ticker	Fund	Performance
ECH	iShares MSCI Chile ETF	5.27%
PGJ	Invesco Golden Dragon China ETF	5.07%
FNI	First Trust Chindia ETF	3.99%
EWZS	iShares MSCI Brazil Small-Cap ETF	3.92%
GLIN	VanEck India Growth Leaders ETF	3.77%
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	3.55%
EPOL	iShares MSCI Poland ETF	3.49%
BKF	iShares MSCI BIC ETF	3.32%
ADRE	Invesco BLDRS Emerging Markets 50 ADR Index Fund	3.17%
MCHI	iShares MSCI China ETF	3.15%

Emerging Most Overbought

Ticker	Fund	Value
ECH	iShares MSCI Chile ETF	59.31
EWW	iShares MSCI Mexico ETF	54.39
FXI	iShares China Large-Cap ETF	51.71
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	51.13
ILF	iShares Latin America 40 ETF	51.08
MCHI	iShares MSCI China ETF	50.89
FLCH	Franklin FTSE China ETF	50.49
GXC	SPDR S&P China ETF	50.46
EWZS	iShares MSCI Brazil Small-Cap ETF	50.37
FLBR	Franklin FTSE Brazil ETF	49.92

Emerging Monthly Flows



Emerging 1-Day Performance Laggards

Ticker	Fund	Performance
KSA	iShares MSCI Saudi Arabia ETF	-1.85%
TUR	iShares MSCI Turkey ETF	-0.53%
EWM	iShares MSCI Malaysia ETF	0.17%
EDIV	SPDR S&P Emerging Markets Dividend ETF	0.61%
IDX	VanEck Indonesia Index ETF	0.64%
EELV	Invesco S&P Emerging Markets Low Volatility ETF	0.76%
NFTY	First Trust India NIFTY 50 Equal Weight ETF	0.89%
AFK	VanEck Africa Index ETF	1.23%
EEMV	iShares MSCI Emerging Markets Min Vol Factor ETF	1.33%
EIDO	iShares MSCI Indonesia ETF	1.38%

Emerging Most Oversold

Ticker	Fund	Value
FM	iShares MSCI Frontier and Select EM ETF	26.52
KSA	iShares MSCI Saudi Arabia ETF	30.17
EPU	iShares MSCI Peru ETF	33.99
EWM	iShares MSCI Malaysia ETF	34.16
TUR	iShares MSCI Turkey ETF	34.24
VNM	VanEck Vietnam ETF	34.56
IDX	VanEck Indonesia Index ETF	35.50
GLIN	VanEck India Growth Leaders ETF	35.52
QAT	iShares MSCI Qatar ETF	37.01
SMIN	iShares MSCI India Small Cap ETF	37.34

* 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	-0.55%	-1.55%	-9.88%
SHY	1-3 Year Treasury Bonds	-0.22%	-0.15%	-2.81%
IEF	7-10 Year Treasury Bonds	-0.76%	-1.02%	-10.70%
TLT	20+ Year Treasury Bonds	-1.21%	-5.04%	-22.30%
TIP	TIPS Bonds	-0.51%	-1.72%	-6.74%
FLOT	Floating Rate Bonds	-0.04%	-0.13%	-0.41%
LQD	Investment Grade Corporate	-0.57%	-3.44%	-15.42%
HYG	High Yield Corporate	-0.09%	-4.13%	-10.58%
BKLN	Senior Loan	0.72%	-2.90%	-3.59%
PFF	Preferred & Income Securities	0.18%	-4.11%	-14.19%
MUB	Municipal Bonds	-0.41%	-2.65%	-9.34%
MBB	MBS	-0.61%	-0.78%	-8.22%
EMB	Dollar Denominated EM Bonds	0.36%	-4.49%	-17.02%
LEMB	Local Currency EM Bond	0.64%	-5.20%	-12.19%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	0.13%	-0.91%	36.97%
DBE	Energy	-2.09%	2.34%	53.40%
USO	WTI Crude Oil	-2.41%	1.94%	49.21%
BNO	Brent Crude Oil	-2.59%	0.69%	52.65%
UNG	Natural Gas	3.80%	11.09%	127.70%
UGA	Gasoline	-2.66%	17.00%	70.39%
DBP	Precious Metals	-0.56%	-9.96%	-2.90%
GLD	Gold	-0.63%	-7.99%	-0.95%
SLV	Silver	-0.05%	-15.74%	-7.39%
PPLT	abrdrn Physical Platin..	0.99%	-3.54%	-1.43%
PALL	abrdrn Physical Palla..	1.32%	-12.81%	8.21%
DBB	Base Metals	1.26%	-12.98%	1.17%
CPER	Copper	0.39%	-10.56%	-6.03%
LD	Lead	-0.35%	-11.66%	-6.19%
JJN	Nickel	-2.29%	-20.34%	27.73%
JJU	Aluminum	2.06%	-12.46%	3.23%
JJT	Tin	-0.13%	-21.37%	-11.97%
DBA	Agriculture	0.53%	1.73%	16.25%
CORN	Corn	-0.37%	2.26%	38.67%
SOYB	Soybeans	1.18%	0.28%	24.70%
WEAT	Wheat	1.81%	13.29%	67.25%
CANE	Sugar	1.32%	-0.80%	8.48%
BAL	Cotton	-2.63%	7.89%	39.10%
NIB	Cocoa	0.27%	-3.49%	-4.08%
JO	Coffee	1.13%	3.01%	1.90%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	-0.83%	2.98%	7.80%
UDN	Short Dollar	0.92%	-3.13%	-7.81%
FXE	Euro	1.04%	-2.65%	-7.69%
FXB	British Pound Sterling	1.24%	-4.63%	-7.86%
FXF	Swiss Franc	0.82%	-5.26%	-8.67%
FXJ	Japanese Yen	-0.22%	-2.77%	-11.20%
FXC	Canadian Dollar	0.26%	-1.56%	-1.47%
FXA	Australian Dollar	0.63%	-5.51%	-3.61%

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