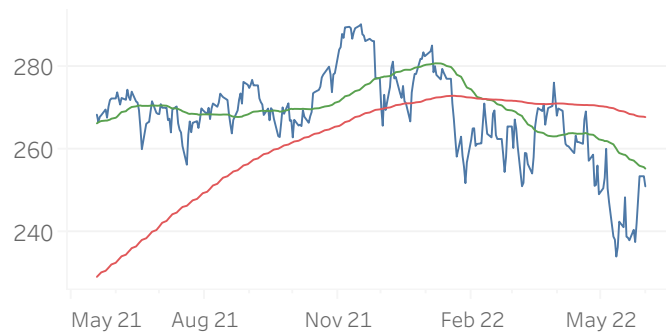


### Large Cap Blend (S&P 500) IVV



### Mid Cap Blend (S&P 400) IJH

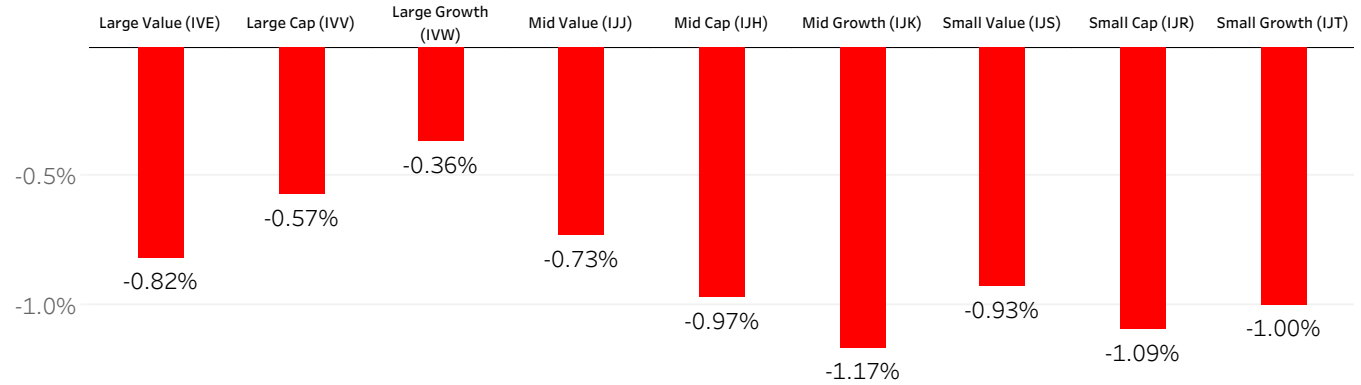


### Small Cap Blend (S&P 600) IJR



■ 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
PABU	iShares Paris-Aligned Climate MSCI USA ETF	5.73%
NZUS	SPDR MSCI USA Climate Paris Aligned ETF	3.87%
RZG	Invesco S&P Smallcap 600 Pure Growth ETF	1.63%
HKND	Humankind US Stock ETF	1.39%
CLRG	IQ Chaikin U.S. Large Cap ETF	1.34%
RPHS	Regents Park Hedged Market Strategy ETF	0.96%
SIXL	ETC 6 Meridian Low Beta Equity ETF	0.58%
ABEQ	Absolute Core Strategy ETF	0.16%
DUSA	Davis Select U.S. Equity ETF	0.13%
PTNQ	Pacer Trendpilot 100 ETF	0.10%

### Size & Style Most Overbought

Ticker	Fund	Value
ONOF	Global X Adaptive U.S. Risk Management ETF	67.35
JMEE	JPMorgan Market Expansion Enhanced Equity ETF	61.04
PTNQ	Pacer Trendpilot 100 ETF	60.35
DVY	iShares Select Dividend ETF	59.49
UTRN	Vesper U.S. Large Cap Short-Term Reversal Strategy ETF	59.28
DIV	Global X SuperDividend US ETF	59.10
DIVZ	TrueShares Low Volatility Equity Income ETF	59.09
FDL	First Trust Morningstar Dividend Leaders Index Fund	58.98
PEY	Invesco High Yield Equity Dividend Achievers ETF	58.89
DEIF	Sterling Capital Diverse Multi-Manager Active ETF	58.24

### Size & Style 1-Day Performance Laggards

Ticker	Fund	Performance
NUMG	Nuveen ESG Mid-Cap Growth ETF	-2.40%
EQRR	ProShares Equities for Rising Rates ETF	-2.03%
CSD	Invesco S&P Spin-Off ETF	-1.92%
FPX	First Trust US Equity Opportunities ETF	-1.91%
JSMD	Janus Henderson Small/Mid Cap Growth Alpha ETF	-1.81%
IPO	Renaissance IPO ETF	-1.80%
FFTY	Innovator IBD 50 ETF	-1.75%
CALF	Pacer US Small Cap Cash Cows 100 ETF	-1.72%
VOT	Vanguard Mid-Cap Growth ETF	-1.72%
IMCG	iShares Morningstar Mid-Cap Growth ETF	-1.65%

### Size & Style Most Oversold

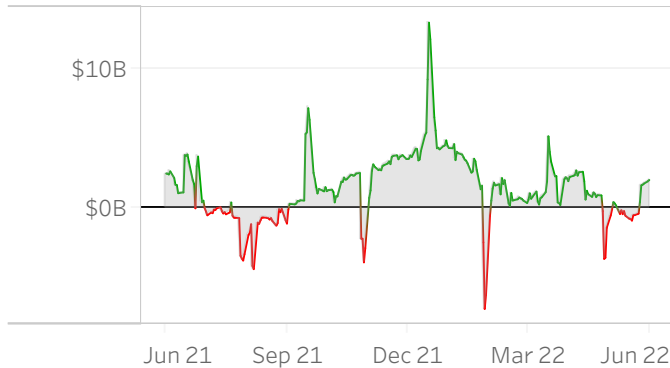
Ticker	Fund	Value
SPC	CrossingBridge Pre-Merger SPAC ETF	42.76
TMFS	Motley Fool Small-Cap Growth ETF	44.85
PTLC	Pacer Trendpilot US Large Cap ETF	45.22
IPO	Renaissance IPO ETF	45.46
QQH	HCM Defender 100 Index ETF	46.22
DVOL	First Trust Dorsey Wright Momentum & Low Volatili..	46.49
CFO	VictoryShares US 500 Enhanced Volatility Wtd ETF	46.55
LGH	HCM Defender 500 Index ETF	46.70
LCG	Sterling Capital Focus Equity ETF	46.75
TPLE	Timothy Plan Us Large/Mid Cap Core Enhanced ETF	47.26

\*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	\$1,238B	\$1.59B	\$6.68B	\$39.10B	\$131.43B
Large Cap, Beta Growth, Beta: Growth	10	\$225B	\$0.57B	\$7.36B	\$8.14B	\$18.52B
Large Cap, Beta Growth, Beta: Value	11	\$227B	\$0.55B	\$4.99B	\$17.89B	\$26.48B
Mid Cap, Beta, Beta	10	\$181B	\$0.33B	\$3.18B	\$7.02B	\$11.00B
Mid Cap, Beta, Beta: Growth	6	\$32B	\$0.07B	\$0.22B	(\$0.59B)	\$0.23B
Mid Cap, Beta, Beta: Value	6	\$42B	\$0.10B	(\$0.55B)	\$0.35B	\$0.12B
Small Cap, Beta, Beta	13	\$195B	\$0.36B	(\$5.02B)	(\$3.08B)	\$7.91B
Small Cap, Beta, Beta: Growth	7	\$31B	\$0.31B	\$0.64B	\$1.20B	\$1.50B
Small Cap, Beta, Beta: Value	7	\$53B	\$0.13B	(\$2.90B)	(\$2.01B)	(\$1.80B)

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

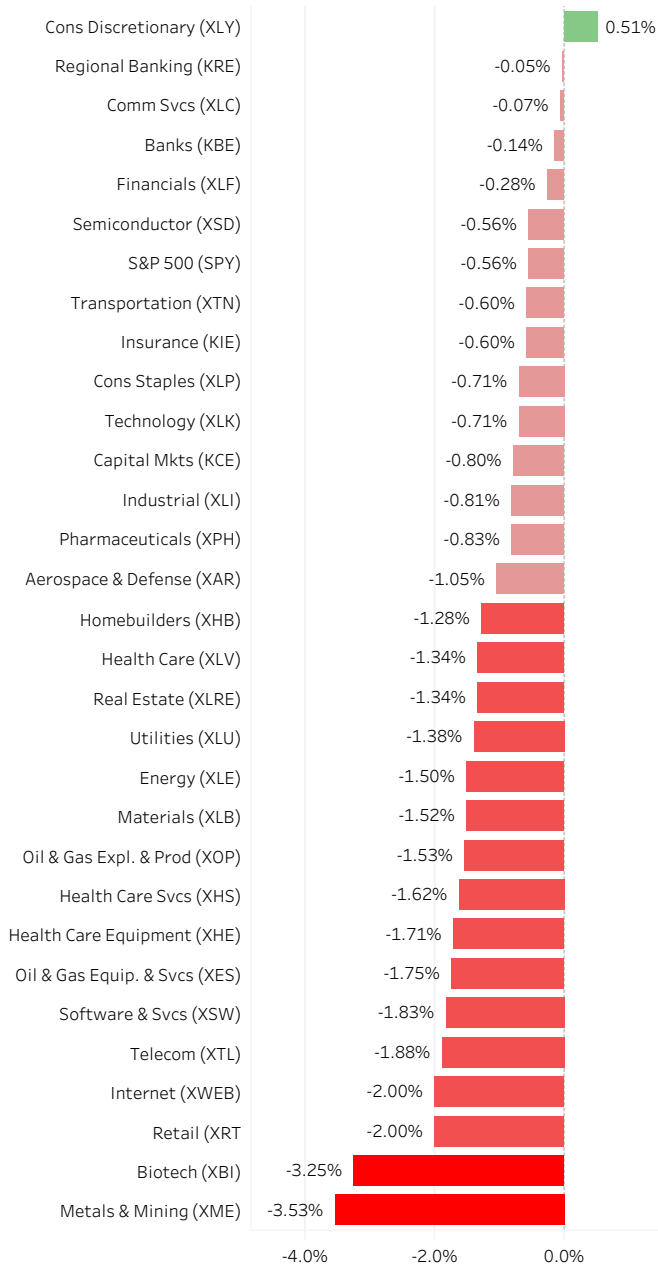
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
SPY	SPDR S&P 500 ETF Trust	\$1.48B	\$1.73B	\$0.32B	\$27.79B	\$380.53B
IVV	iShares Core S&P 500 ETF	\$1.40B	\$0.19B	\$12.95B	\$27.41B	\$302.88B
VOO	Vanguard S&P 500 ETF	\$0.72B	(\$2.21B)	\$16.46B	\$40.99B	\$262.21B
DIA	SPDR Dow Jones Industrial Average ETF Trust	\$0.36B	\$0.54B	\$1.54B	\$0.20B	\$29.13B
VUG	Vanguard Growth ETF	\$0.32B	\$3.34B	\$4.59B	\$6.77B	\$73.06B
COWZ	Pacer US Cash Cows 100 ETF	\$0.31B	\$3.44B	\$4.86B	\$5.31B	\$6.32B
HDV	iShares Core High Dividend ETF	\$0.30B	\$4.16B	\$4.73B	\$5.12B	\$13.24B
VTV	Vanguard Value ETF	\$0.30B	\$3.13B	\$11.96B	\$17.81B	\$103.04B
IWO	iShares Russell 2000 Growth ETF	\$0.28B	\$0.44B	\$0.86B	\$0.96B	\$9.72B
IWM	iShares Russell 2000 ETF	\$0.25B	(\$1.81B)	(\$4.67B)	(\$1.03B)	\$55.16B

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

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
QQQ	Invesco QQQ Trust	(\$2.25B)	\$5.30B	\$3.40B	\$21.21B	\$166.85B
VTI	Vanguard Total Stock Market ETF	(\$0.42B)	\$5.00B	\$14.86B	\$38.10B	\$267.60B
VLUE	iShares MSCI USA Value Factor ETF	(\$0.08B)	(\$2.00B)	(\$4.76B)	(\$5.40B)	\$10.41B
QUAL	iShares MSCI USA Quality Factor ETF	(\$0.07B)	\$0.37B	(\$0.02B)	\$1.81B	\$21.38B
MTUM	iShares MSCI USA Momentum Factor ETF	(\$0.05B)	(\$0.62B)	(\$2.61B)	(\$2.41B)	\$10.48B
RDVY	First Trust Rising Dividend Achievers ETF	(\$0.05B)	\$0.30B	\$2.63B	\$5.16B	\$9.22B
SCHA	Schwab U.S. Small-Cap ETF	(\$0.04B)	(\$0.50B)	\$0.15B	\$1.02B	\$14.39B
SCHX	Schwab U.S. Large-Cap ETF	(\$0.03B)	(\$1.32B)	(\$0.75B)	\$0.83B	\$29.58B
VIOO	Vanguard S&P Small-Cap 600 ETF	(\$0.02B)	(\$0.01B)	\$0.30B	\$0.45B	\$1.95B
VOOG	Vanguard S&P 500 Growth ETF	(\$0.02B)	\$0.31B	\$0.89B	\$1.72B	\$6.86B

\* 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	-1.50%	90.43%	9.66%	34.95%	63.90
XLU	Utilities Select Sector SPDR Fund	-3.42%	17.55%	0.90%	7.10%	57.10
XLB	Materials Select Sector SPDR Fund	-5.05%	8.75%	-0.30%	0.60%	54.17
XLV	Health Care Select Sector SPDR Fund	-7.42%	6.86%	-1.30%	-0.50%	51.85
XLP	Consumer Staples Select Sector SPDR Fund	-7.57%	8.24%	-2.70%	0.37%	46.62
XLI	Industrial Select Sector SPDR Fund	-11.59%	5.53%	-2.81%	-6.52%	50.65
SPY	SPDR S&P 500 ETF Trust	-13.56%	6.03%	-2.86%	-7.12%	52.27
XLK	Technology Select Sector SPDR Fund	-14.37%	7.75%	-1.63%	-7.28%	55.55
XLRE	Real Estate Select Sector SPDR Fund	-14.65%	5.97%	-4.84%	-6.25%	48.16
XLK	Technology Select Sector SPDR Fund	-20.49%	7.40%	-3.34%	-10.28%	51.95
XLY	Consumer Discretionary Select Sector SPDR Fund	-26.90%	12.13%	-7.64%	-16.24%	49.76
XLC	Communication Services Select Sector SPDR Fund	-30.06%	5.95%	-4.73%	-17.89%	50.26

### Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
FTXO	First Trust Nasdaq Bank ETF	0.54%
XLY	Consumer Discretionary Select Sector SPDR Fund	0.51%
IAT	iShares U.S. Regional Banks ETF	0.40%
FDIS	Fidelity MSCI Consumer Discretionary Index ETF	0.32%
VCR	Vanguard Consumer Discretionary ETF	0.29%
IYC	iShares U.S. Consumer Discretionary ETF	0.27%
KBWB	Invesco KBW Bank ETF	0.27%
QABA	First Trust NASDAQ ABA Community Bank Index F..	0.19%
NETL	NETLease Corporate Real Estate ETF	0.15%
KBWY	Invesco KBW Premium Yield Equity REIT ETF	0.13%

### Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
PXE	Invesco Dynamic Energy Exploration & Production ETF	66.82
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	66.31
PSCE	Invesco S&P SmallCap Energy ETF	66.25
FCG	First Trust Natural Gas ETF	66.24
IEO	iShares U.S. Oil & Gas Exploration & Production ETF	65.94
FXN	First Trust Energy AlphaDEX Fund	64.55
FTXN	First Trust Nasdaq Oil & Gas ETF	64.33
RYE	Invesco S&P 500 Equal Weight Energy ETF	64.31
PXI	Invesco DWA Energy Momentum ETF	63.92
XLE	Energy Select Sector SPDR Fund	63.90

### Sector & Industry 1 Day Performance Laggards

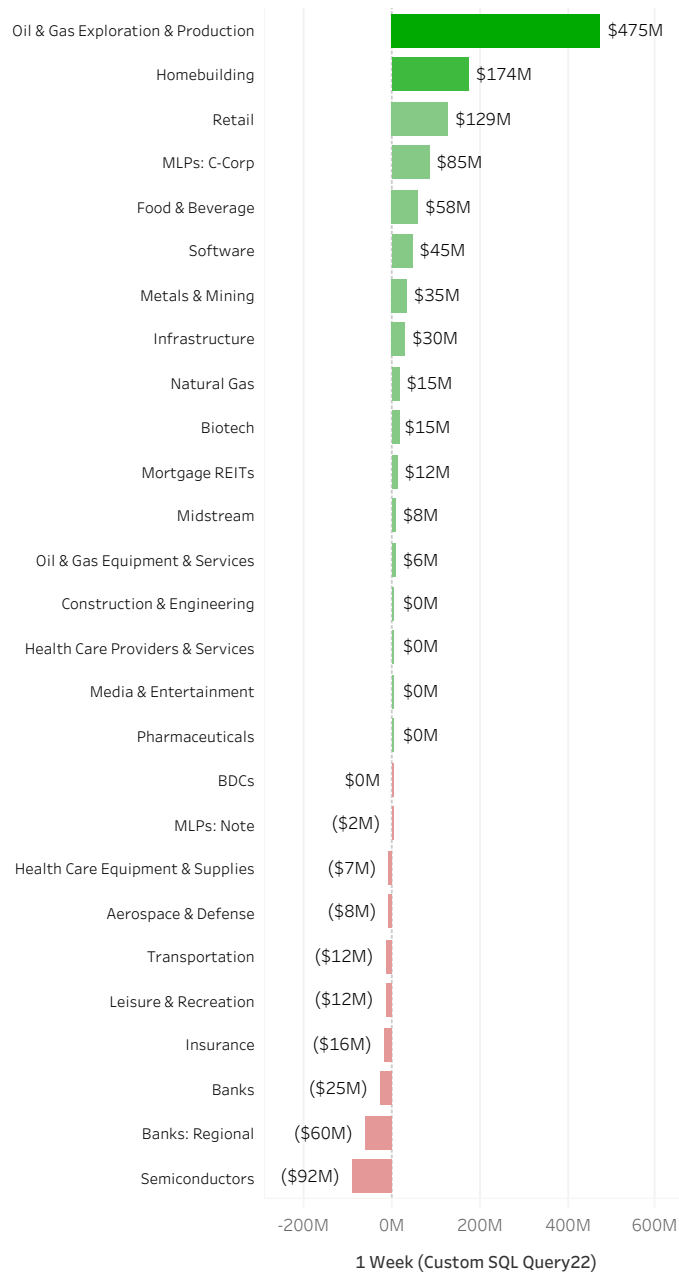
Ticker	Fund	1 Day Performance
XME	SPDR S&P Metals & Mining ETF	-3.53%
XBI	SPDR S&P BIOTECH ETF	-3.25%
PBE	Invesco Dynamic Biotechnology & Genome ETF	-3.01%
FBT	First Trust NYSE Arca Biotechnology Index Fund	-2.69%
IEZ	iShares U.S. Oil Equipment & Services ETF	-2.45%
IBB	iShares Biotechnology ETF	-2.37%
PXJ	Invesco Dynamic Oil & Gas Services ETF	-2.28%
IGN	iShares North American Tech-Multimedia Networking ..	-2.19%
IHF	iShares U.S. Healthcare Providers ETF	-2.08%
PXI	Invesco DWA Energy Momentum ETF	-2.02%

### Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
INDS	Pacer Benchmark Industrial Real Estate SCTR ETF	42.10
FDN	First Trust Dow Jones Internet Index Fund	43.06
XBI	SPDR S&P BIOTECH ETF	43.14
REZ	iShares Residential and Multisector Real Estate ETF	44.93
RWR	SPDR Dow Jones REIT ETF	45.10
NURE	Nuveen Short-Term REIT ETF	45.26
XHE	SPDR S&P Health Care Equipment ETF	45.78
PPTY	US Diversified Real Estate ETF	46.20
FRI	First Trust S&P REIT Index Fund	46.31
FSTA	FIDELITY COVINGTON TRUST MSCI CONSUMER STAPLES I..	46.52

\* 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	\$15B	\$46M	(\$121M)	(\$1,359M)	\$135M
Consumer Discretionary	13	\$24B	\$52M	(\$2,353M)	(\$4,119M)	(\$4,176M)
Consumer Staples	12	\$28B	\$216M	\$2,713M	\$6,866M	\$7,542M
Energy	34	\$87B	\$830M	(\$741M)	\$4,858M	\$4,177M
Financials	28	\$65B	(\$508M)	(\$13,522M)	(\$6,788M)	(\$9,588M)
Health Care	26	\$90B	\$930M	\$5,578M	\$9,262M	\$13,589M
Industrial	14	\$30B	(\$309M)	(\$1,378M)	(\$1,639M)	(\$6,566M)
Materials	10	\$19B	\$268M	\$1,556M	\$1,547M	(\$566M)
Multi-Sector	19	\$16B	\$379M	(\$2,013M)	(\$3,841M)	(\$3,487M)
Real Estate	23	\$73B	\$89M	(\$2,180M)	(\$369M)	\$8,015M
Technology	24	\$125B	(\$42M)	\$940M	(\$1,906M)	\$5,786M
Utilities	10	\$27B	\$277M	\$3,019M	\$4,140M	\$4,918M

## U.S. Sector & Industry Flow Leaders

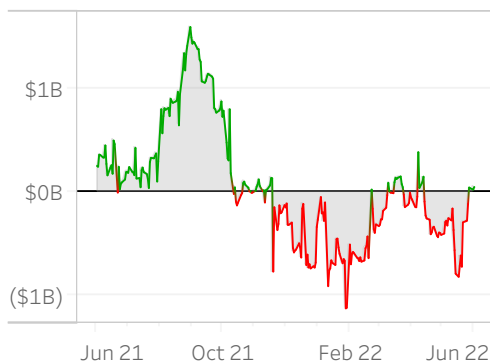
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLV	Health Care Select Sector SPDR Fund	\$858M	\$5,252M	\$7,162M	\$10,012M	\$40,024M
XOP	SPDR S&P Oil & Gas Exploration & Production E..	\$375M	(\$141M)	\$190M	(\$689M)	\$5,882M
VGT	Vanguard Information Technology ETF	\$254M	\$956M	\$240M	\$2,205M	\$44,635M
XLE	Energy Select Sector SPDR Fund	\$228M	(\$1,696M)	\$941M	\$708M	\$42,941M
XLB	Materials Select Sector SPDR Fund	\$209M	\$121M	(\$610M)	(\$1,872M)	\$7,661M
XLU	Utilities Select Sector SPDR Fund	\$208M	\$2,003M	\$2,727M	\$3,165M	\$16,773M
FDN	First Trust Dow Jones Internet Index Fund	\$189M	(\$1,075M)	(\$2,324M)	(\$2,100M)	\$4,582M
XHB	SPDR S&P Homebuilders ETF	\$130M	(\$289M)	(\$422M)	(\$702M)	\$1,176M
XRT	SPDR S&P Retail ETF	\$129M	\$211M	\$78M	(\$16M)	\$601M
PXE	Invesco Dynamic Energy Exploration & Producti..	\$96M	\$128M	\$169M	\$208M	\$423M

## U.S. Sector & Industry Flow Laggards

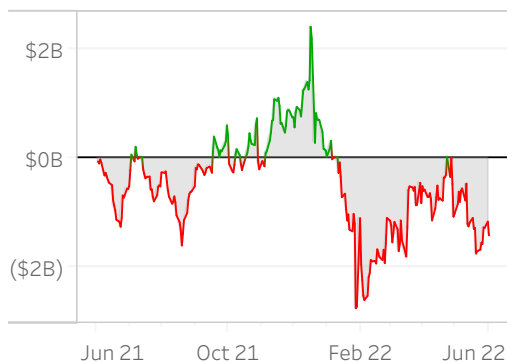
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLF	Financial Select Sector SPDR Fund	(\$372M)	(\$8,090M)	(\$3,303M)	(\$6,581M)	\$34,736M
XLI	Industrial Select Sector SPDR Fund	(\$224M)	(\$1,774M)	(\$1,836M)	(\$5,518M)	\$13,858M
XLK	Technology Select Sector SPDR Fund	(\$200M)	\$643M	\$434M	\$2,343M	\$42,258M
SOXX	iShares Semiconductor ETF	(\$85M)	(\$454M)	\$153M	\$1,368M	\$7,646M
KRE	SPDR S&P Regional Banking ETF	(\$50M)	(\$1,033M)	(\$485M)	(\$1,253M)	\$3,837M
IBB	iShares Biotechnology ETF	(\$47M)	(\$7M)	\$4M	(\$353M)	\$7,648M
KBE	SPDR S&P Bank ETF	(\$37M)	(\$688M)	(\$448M)	(\$743M)	\$2,568M
XLV	Consumer Discretionary Select Sector SPDR Fu..	(\$33M)	(\$875M)	(\$1,997M)	(\$1,364M)	\$16,064M
IYE	iShares U.S. Energy ETF	(\$32M)	(\$525M)	(\$477M)	(\$666M)	\$3,261M
VIS	Vanguard Industrials ETF	(\$31M)	(\$821M)	(\$1,043M)	(\$1,492M)	\$3,579M

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

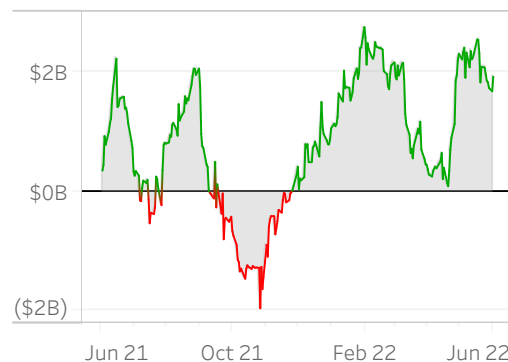
Communication Services



Consumer Discretionary



Consumer Staples



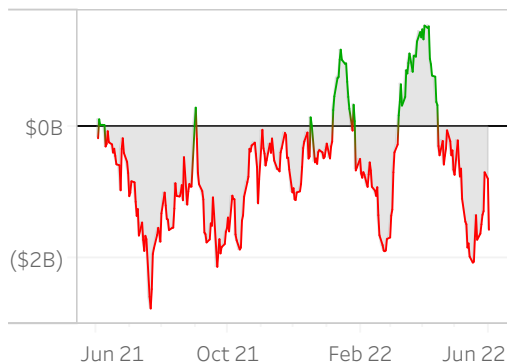
Energy



Financials



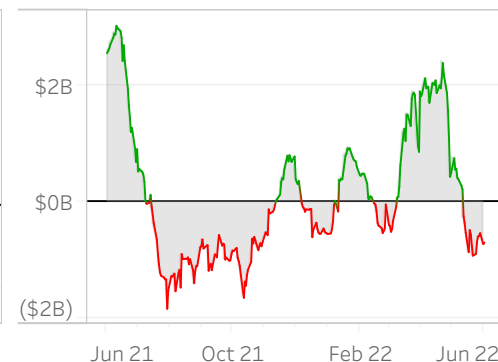
Industrial



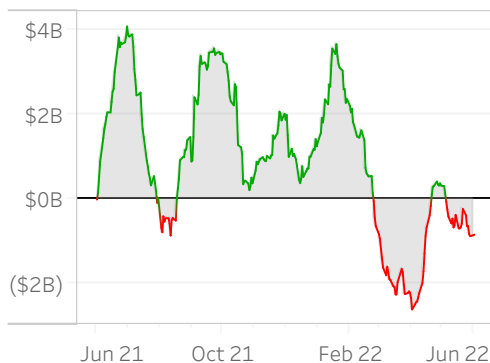
Health Care



Materials



Real Estate



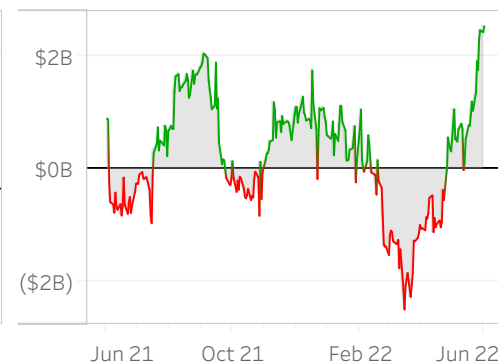
Technology



Utilities

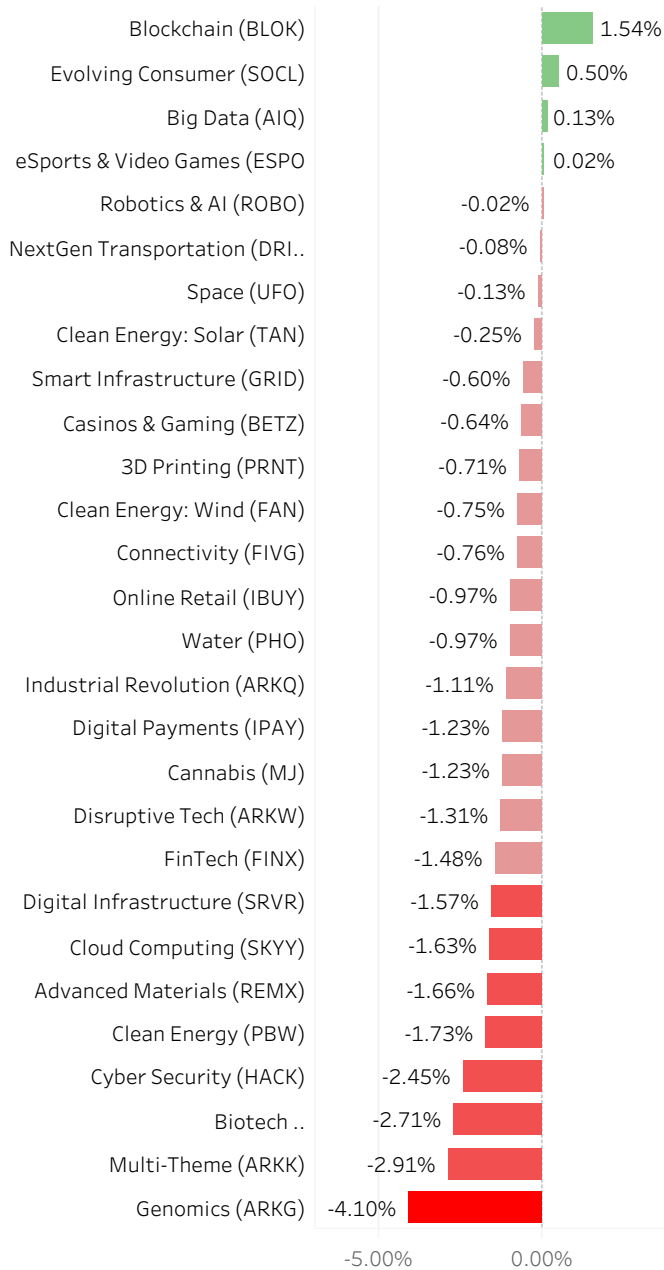


Multi-Sector

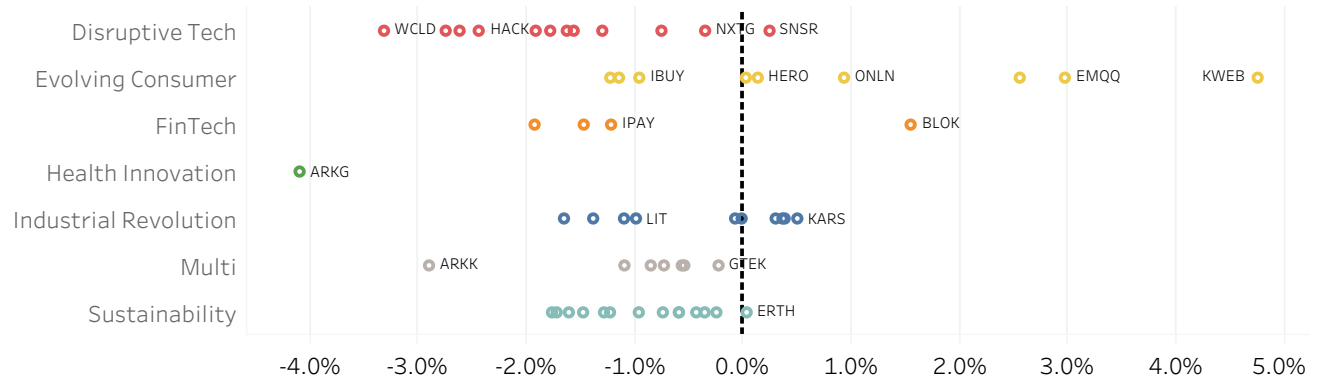


\*ETF Landscape represented using the ETF Action classification system\*\*Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify \*\*\*Flows delayed one day

## Global Thematic Segment 1-Day Performance



## Global Thematic 1-Day Performance Landscape



## Global Thematic 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
BITQ	Bitwise Crypto Industry Innovators ETF	6.01%
KWEB	KraneShares CSI China Internet ETF	4.75%
BKCH	Global X Blockchain ETF	4.55%
KSTR	KraneShares SSE STAR Market 50 Index ETF	4.45%
EMQQ	EMQQ The Emerging Markets Internet & Ecommerce ETF	2.97%
MSOS	AdvisorShares Pure US Cannabis ETF	2.55%
KEMQ	KraneShares Emerging Markets Consumer Technology In..	2.52%
KGRN	KraneShares MSCI China Clean Technology Index ETF	2.39%
BLOK	Amplify Transformational Data Sharing ETF	1.54%
GBUY	Goldman Sachs Future Consumer Equity ETF	0.93%

## Thematic Most Overbought

Ticker	Fund	Price
TAN	Invesco Solar ETF	60.34
LIT	Global X Lithium & Battery Tech ETF	59.43
KWEB	KraneShares CSI China Internet ETF	58.98
KARS	KraneShares Electric Vehicles & Future Mobility Index ETF	58.62
KGRN	KraneShares MSCI China Clean Technology Index ETF	58.53
VPN	Global X Data Center REITs & Digital Infrastructure ETF	57.82
ICLN	iShares Global Clean Energy ETF	57.81
EMQQ	EMQQ The Emerging Markets Internet & Ecommerce ETF	57.59
HERO	Global X Video Games & Esports ETF	57.57
CTEC	Global X CleanTech ETF	57.56

## Global Thematic 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
ARKG	ARK Genomic Revolution ETF	-4.10%
WCLD	WisdomTree Cloud Computing Fund	-3.32%
GNOM	Global X Genomics & Biotechnology ETF	-3.23%
ARKK	ARK Innovation ETF	-2.91%
CIBR	First Trust NASDAQ Cybersecurity ETF	-2.75%
BTEC	Principal Healthcare Innovators ETF	-2.73%
SBIO	ALPS Medical Breakthroughs ETF	-2.71%
BUG	Global X Cybersecurity ETF	-2.62%
HACK	ETFMG Prime Cyber Security ETF	-2.45%
HDRO	Defiance Next Gen H2 ETF	-2.29%

## Thematic Most Oversold

Ticker	Fund	Price
POTX	Global X Cannabis ETF	34.42
CNBS	Amplify Seymour Cannabis ETF	36.79
YOLO	AdvisorShares Pure Cannabis ETF	37.09
MJ	ETFMG Alternative Harvest ETF	38.57
SBIO	ALPS Medical Breakthroughs ETF	40.34
BKCH	Global X Blockchain ETF	40.82
MSOS	AdvisorShares Pure US Cannabis ETF	40.95
BITQ	Bitwise Crypto Industry Innovators ETF	41.87
WFH	Dirxion Work From Home ETF	43.04
BLOK	Amplify Transformational Data Sharing ETF	43.55

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

### Thematic 1 Week Flow Leaders

Ticker	Fund	Flow
ARKK	ARK Innovation ETF	\$80M
ARKW	ARK Next Generation Internet ETF	\$28M
KOMP	SPDR S&P Kensho New Economies Composite ETF	\$27M
TAN	Invesco Solar ETF	\$22M
CNRG	SPDR S&P Kensho Clean Power ETF	\$16M
SAMT	Strategas Macro Thematic Opportunities ETF	\$16M
PBW	Invesco WilderHill Clean Energy ETF	\$13M
LIT	Global X Lithium & Battery Tech ETF	\$11M
ARKF	ARK Fintech Innovation ETF	\$10M
TARK	AXS 2X Innovation ETF	\$5M

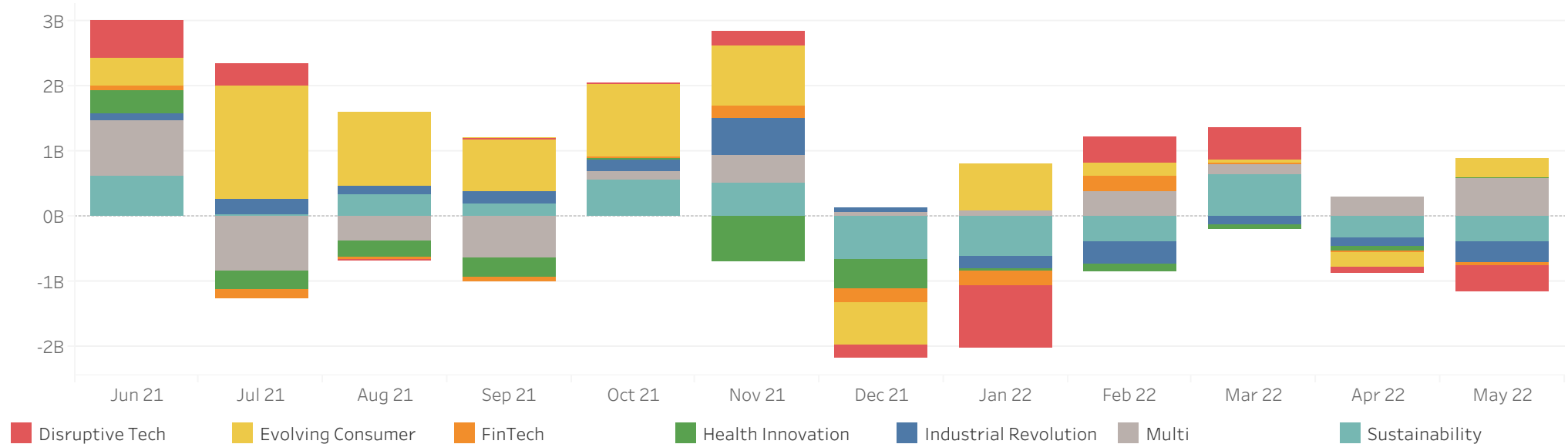
### Thematic 1 Week Flow Laggards

Ticker	Fund	Flow
KWEB	KraneShares CSI China Internet ETF	(\$233M)
ARKG	ARK Genomic Revolution ETF	(\$60M)
SKYY	First Trust Cloud Computing ETF	(\$14M)
ACES	ALPS Clean Energy ETF	(\$12M)
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	(\$10M)
BOTZ	Global X Robotics & Artificial Intelligence ETF	(\$10M)
WCLD	WisdomTree Cloud Computing Fund	(\$8M)
FIVG	Defiance Next Gen Connectivity ETF	(\$7M)
GINN	Goldman Sachs ETF Trust Goldman Sachs Innovate Equity ETF	(\$7M)
BLOK	Amplify Transformational Data Sharing ETF	(\$5M)

### Thematic Landscape Assets & Flows

Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	35	\$20B	(\$2M)	(\$78M)	(\$712M)	\$460M
Evolving Consumer	48	\$11B	(\$238M)	\$159M	\$399M	\$6,510M
FinTech	24	\$4B	\$10M	(\$66M)	(\$282M)	(\$259M)
Health Innovation	19	\$4B	(\$55M)	(\$163M)	(\$700M)	(\$1,805M)
Industrial Revolution	32	\$13B	(\$3M)	(\$574M)	(\$1,007M)	\$427M
Multi	42	\$16B	\$232M	\$967M	\$1,557M	\$1,146M
Sustainability	41	\$18B	\$11M	(\$42M)	(\$1,760M)	\$522M
<b>Grand Total</b>	<b>241</b>	<b>\$86B</b>	<b>(\$46M)</b>	<b>\$204M</b>	<b>(\$2,505M)</b>	<b>\$7,001M</b>

### Thematic Monthly Flows



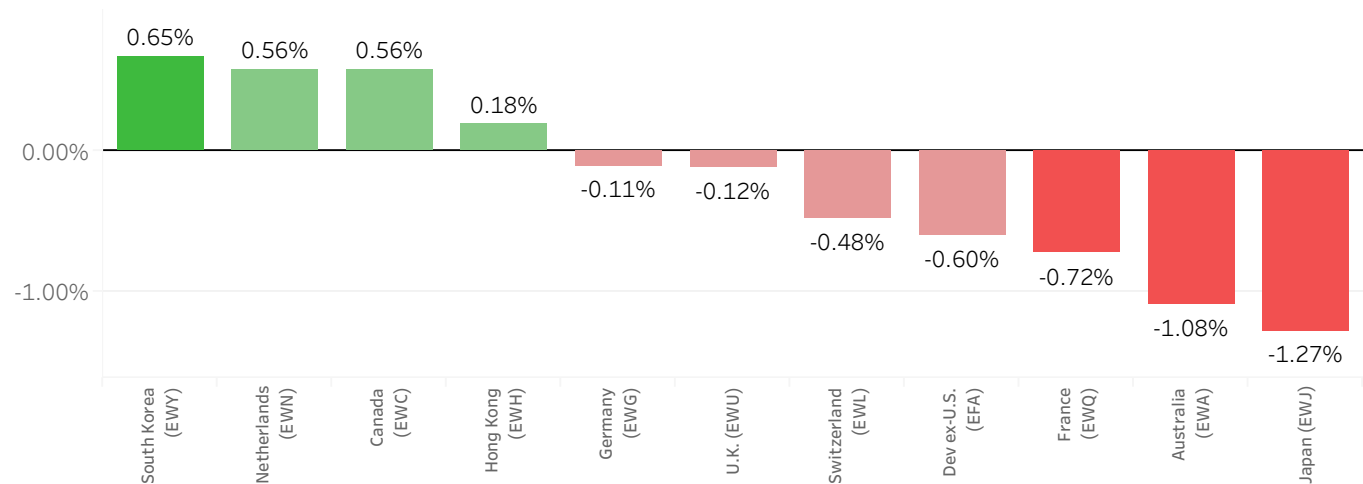
\* ETF Landscape represented using the ETF Action classification system\*\*Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify \*\*\*Flows delayed one day



Developed ex-U.S. (EFA)



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



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



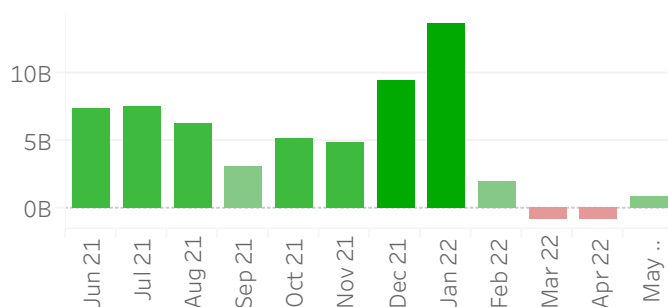
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
AIA	iShares Asia 50 ETF	2.08%
AAXJ	iShares MSCI All Country Asia ex Japan ETF	1.59%
CIL	VictoryShares International Volatility Wtd ETF	1.07%
ENZL	iShares MSCI New Zealand ETF	0.98%
EUDG	WisdomTree Europe Quality Dividend Growth Fund	0.78%
ISDX	Invesco RAFI Strategic Developed ex-US ETF	0.67%
EWY	iShares MSCI South Korea ETF	0.65%
EDEN	iShares MSCI Denmark ETF	0.65%
NORW	Global X MSCI Norway ETF	0.63%
EWN	iShares MSCI Netherlands ETF	0.56%

Developed ex-U.S. Most Overbought

Ticker	Fund	Price
EWP	iShares MSCI Spain ETF	62.22
ISDX	Invesco RAFI Strategic Developed ex-US ETF	61.91
EWO	iShares MSCI Austria ETF	61.75
EWH	iShares MSCI Hong Kong ETF	60.70
IQIN	IQ 500 International ETF	60.27
IVAL	Alpha Architect International Quantitative Value ETF	60.21
DFIV	Dimensional International Value ETF	59.90
ICOW	Pacer Developed Markets International Cash Cows 100 ETF	59.40
EWI	iShares MSCI Italy ETF	59.11
FEZ	SPDR EURO STOXX 50 ETF	59.09

Developed ex-U.S. Monthly Flows



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

Ticker	Fund	1-Day Performance
FSZ	First Trust Switzerland AlphaDEX Fund	-4.65%
EWJV	iShares MSCI Japan Value ETF	-2.13%
DFJ	WisdomTree Japan SmallCap Dividend Fund	-1.55%
SCJ	iShares MSCI Japan Small-Cap ETF	-1.43%
JPXN	iShares JPX-Nikkei 400 ETF	-1.43%
EWJ	iShares MSCI Japan ETF	-1.27%
FLJP	Franklin FTSE Japan ETF	-1.24%
BBJP	JPMorgan BetaBuilders Japan ETF	-1.17%
DTH	WisdomTree International High Dividend Fund	-1.16%
EWA	iShares MSCI Australia ETF	-1.08%

Developed ex-U.S. Most Oversold

Ticker	Fund	Price
PTIN	Pacer Trendpilot International ETF	36.70
FSZ	First Trust Switzerland AlphaDEX Fund	45.42
ENZL	iShares MSCI New Zealand ETF	47.73
EIS	iShares MSCI Israel ETF	48.09
EWJV	iShares MSCI Japan Value ETF	48.72
SCJ	iShares MSCI Japan Small-Cap ETF	49.12
ISRA	VanEck Israel ETF	49.17
DFJ	WisdomTree Japan SmallCap Dividend Fund	49.19
EWS	iShares MSCI Singapore ETF	49.40
EFAV	iShares MSCI EAFE Min Vol Factor ETF	49.73

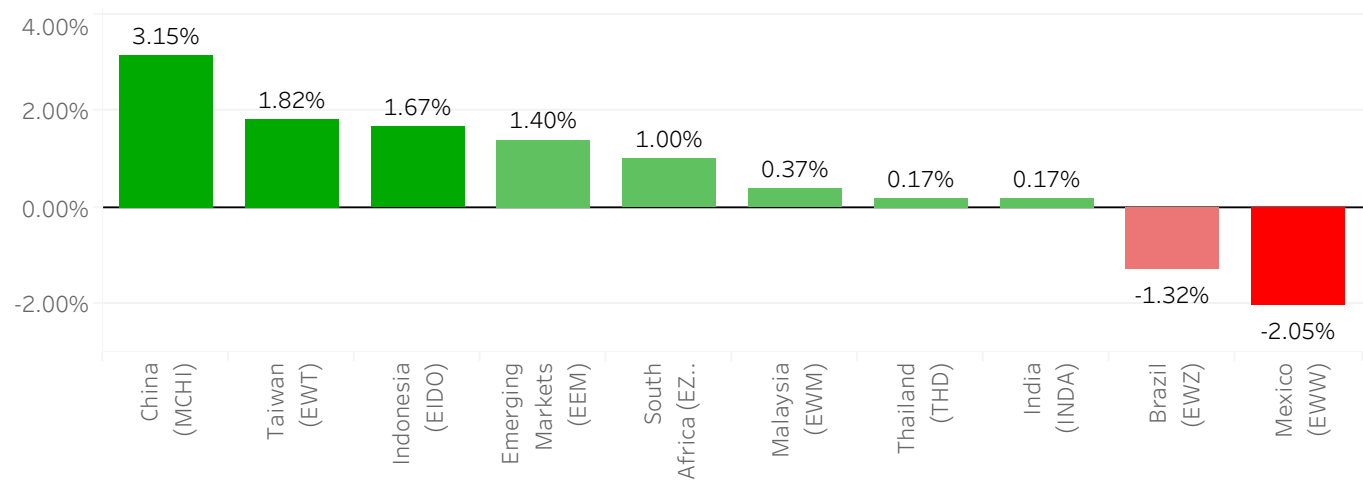
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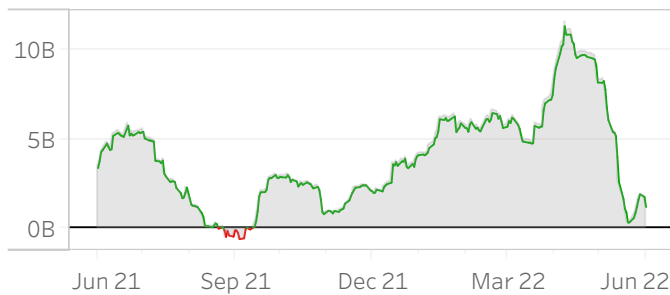
Emerging (EEM)



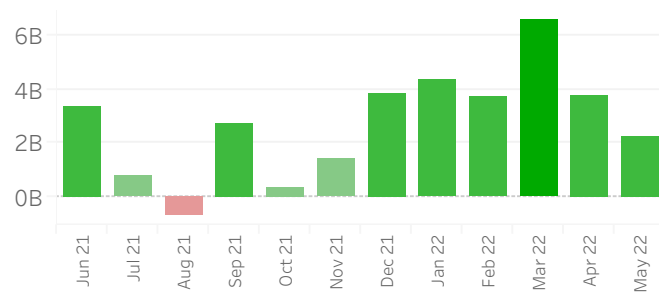
Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	4.00%
PGJ	Invesco Golden Dragon China ETF	3.97%
GXC	SPDR S&P China ETF	3.34%
TUR	iShares MSCI Turkey ETF	3.20%
MCHI	iShares MSCI China ETF	3.15%
NFTY	First Trust India NIFTY 50 Equal Weight ETF	3.01%
FXI	iShares China Large-Cap ETF	2.97%
KBA	KraneShares Bosera MSCI China A 50 Connect Index ETF	2.80%
FLCH	Franklin FTSE China ETF	2.71%
CNYA	iShares MSCI China A ETF	2.38%

Emerging Most Overbought

Ticker	Fund	Price
ECH	iShares MSCI Chile ETF	70.31
FLN	First Trust Latin America AlphaDEX Fund	64.67
FRDM	Freedom 100 Emerging Markets ETF	62.25
EIDO	iShares MSCI Indonesia ETF	60.73
ILF	iShares Latin America 40 ETF	60.29
FXI	iShares China Large-Cap ETF	59.99
GXC	SPDR S&P China ETF	59.34
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	59.22
MCHI	iShares MSCI China ETF	59.03
ADRE	Invesco BLDERS Emerging Markets 50 ADR Index Fund	58.94

Emerging 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
EWW	iShares MSCI Mexico ETF	-2.05%
ILF	iShares Latin America 40 ETF	-1.35%
EWZ	iShares MSCI Brazil ETF	-1.32%
FLBR	Franklin FTSE Brazil ETF	-1.26%
ECH	iShares MSCI Chile ETF	-1.04%
EPU	iShares MSCI Peru ETF	-0.90%
QAT	iShares MSCI Qatar ETF	-0.87%
EWZS	iShares MSCI Brazil Small-Cap ETF	-0.83%
EPHE	iShares MSCI Philippines ETF	-0.54%
FLN	First Trust Latin America AlphaDEX Fund	-0.38%

Emerging Most Oversold

Ticker	Fund	Price
QAT	iShares MSCI Qatar ETF	36.57
GLIN	VanEck India Growth Leaders ETF	38.24
EPI	WisdomTree India Earnings Fund	42.86
SMIN	iShares MSCI India Small Cap ETF	43.80
INDA	iShares MSCI India ETF	45.02
FLIN	Franklin FTSE India ETF	45.66
FM	iShares MSCI Frontier and Select EM ETF	45.71
AFK	VanEck Africa Index ETF	45.72
VNM	VanEck Vietnam ETF	46.52
INDY	iShares India 50 ETF	47.02

\* 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	-0.63%	0.76%	-8.74%
SHY	1-3 Year Treasury Bonds	-0.16%	0.60%	-2.41%
IEF	7-10 Year Treasury Bonds	-1.04%	0.62%	-9.78%
TLT	20+ Year Treasury Bonds	-2.12%	-2.25%	-20.87%
TIP	TIPS Bonds	-0.71%	-0.98%	-6.12%
FLOT	Floating Rate Bonds	0.00%	-0.23%	-0.55%
LQD	Investment Grade Corporate	-0.74%	1.86%	-12.92%
HYG	High Yield Corporate	-0.86%	1.63%	-7.23%
BKLN	Senior Loan	-0.28%	-1.99%	-3.36%
PFF	Preferred & Income Securities	-0.63%	2.73%	-10.65%
MUB	Municipal Bonds	-0.17%	1.46%	-6.47%
MBB	MBS	-0.53%	1.24%	-7.16%
EMB	Dollar Denominated EM Bonds	-0.51%	0.81%	-15.05%
LEMB	Local Currency EM Bond	-0.17%	0.48%	-9.89%

### Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	-1.96%	2.23%	37.49%
DBE	Energy	0.18%	9.30%	62.47%
USO	WTI Crude Oil	0.01%	10.77%	57.23%
BNO	Brent Crude Oil	0.50%	11.10%	62.31%
UNG	Natural Gas	-5.65%	11.64%	123.46%
UGA	Gasoline	0.63%	19.62%	79.05%
DBP	Precious Metals	-1.34%	-3.95%	-2.12%
GLD	Gold	-0.99%	-3.26%	0.11%
SLV	Silver	-2.55%	-5.70%	-7.76%
PPLT	abrdn Physical Platin..	1.52%	3.42%	0.11%
PALL	abrdn Physical Palla..	-3.87%	-13.38%	4.76%
DBB	Base Metals	-0.78%	-3.37%	3.19%
CPER	Copper	-0.80%	-1.81%	-4.56%
LD	Lead	0.45%	-5.40%	-5.61%
JJN	Nickel	-0.14%	-9.16%	38.56%
JJU	Aluminum	-3.48%	-7.26%	-0.61%
JJT	Tin	-0.16%	-14.70%	-11.06%
DBA	Agriculture	-1.92%	-0.36%	11.34%
CORN	Corn	-2.32%	-5.87%	31.01%
SOYB	Soybeans	-1.92%	-1.57%	23.65%
WEAT	Wheat	-5.27%	5.28%	48.44%
CANE	Sugar	-0.76%	2.14%	6.36%
BAL	Cotton	1.04%	-3.59%	29.28%
NIB	Cocoa	1.55%	-2.94%	-5.30%
JO	Coffee	1.34%	5.19%	3.45%

### Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	0.18%	-1.31%	6.16%
UDN	Short Dollar	0.11%	1.55%	-6.18%
FXE	Euro	-0.11%	1.64%	-6.06%
FXB	British Pound Sterling	-0.24%	0.11%	-6.94%
FXF	Swiss Franc	-0.26%	1.27%	-5.47%
FXJ	Japanese Yen	-1.32%	0.76%	-10.76%
FXC	Canadian Dollar	0.62%	1.50%	-0.20%
FXA	Australian Dollar	0.26%	1.49%	-1.40%

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