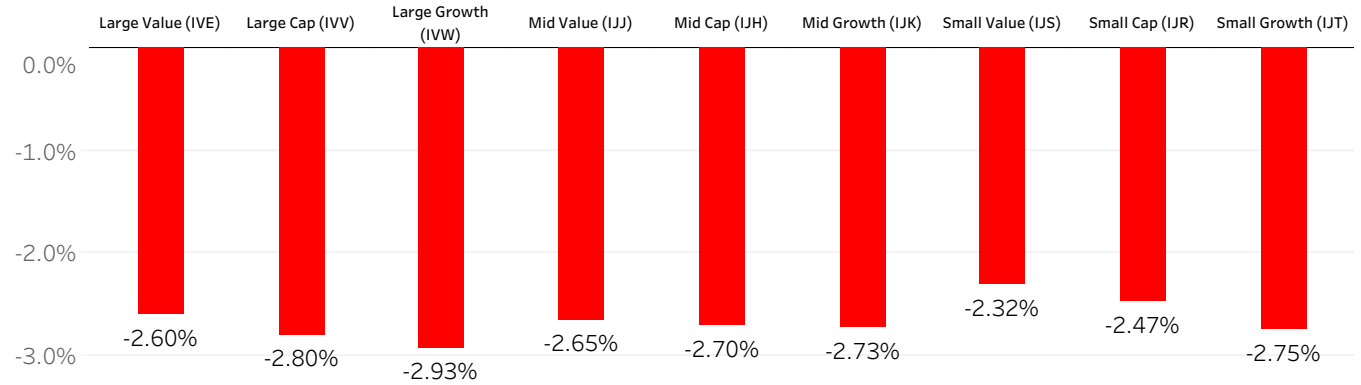


Large Cap Blend (S&P 500) IVV



U.S. Size & Style 1-Day Performance



Mid Cap Blend (S&P 400) IJH



Size & Style 1-Day Performance Leaders

Ticker	Fund	1-Day Return
SPC	CrossingBridge Pre-Merger SPAC ETF	0.05%
PTMC	Pacer Trendpilot US Mid Cap ETF	0.01%
PTNQ	Pacer Trendpilot 100 ETF	0.01%
ONOF	Global X Adaptive U.S. Risk Management ETF	-0.04%
PTLC	Pacer Trendpilot US Large Cap ETF	-1.40%
TMFM	Motley Fool Mid-Cap Growth ETF	-1.48%
XSLV	Invesco S&P SmallCap Low Volatility ETF	-1.65%
XMLV	Invesco S&P MidCap Low Volatility ETF	-1.78%
DVOL	First Trust Dorsey Wright Momentum & Low Volatility E..	-1.79%
UTRN	Vesper U.S. Large Cap Short-Term Reversal Strategy ETF	-1.84%

Size & Style Most Overbought

Ticker	Fund	Value
SPC	CrossingBridge Pre-Merger SPAC ETF	66.41
SPHD	Invesco S&P 500 High Dividend Low Volatility ETF	55.56
LVHD	Legg Mason Low Volatility High Dividend ETF	53.56
XMLV	Invesco S&P MidCap Low Volatility ETF	52.81
PEY	Invesco High Yield Equity Dividend Achievers ETF	52.16
SPLV	Invesco S&P 500 Low Volatility ETF	51.70
SDOG	ALPS Sector Dividend Dogs ETF	51.34
RDIV	Invesco S&P Ultra Dividend Revenue ETF	51.04
WBIY	WBI Power Factor High Dividend ETF	50.55
DVOL	First Trust Dorsey Wright Momentum & Low Volatility ETF	50.39

Small Cap Blend (S&P 600) IJR



Size & Style 1-Day Performance Laggards

Ticker	Fund	1-Day Return
PKW	Invesco Buyback Achievers ETF	-4.09%
MXDU	Nationwide Maximum Diversification US Core Equity ETF	-3.97%
BIBL	Inspire 100 ESG ETF	-3.87%
QVAL	Alpha Architect U.S. Quantitative Value ETF	-3.75%
QMOM	Alpha Architect U.S. Quantitative Momentum ETF	-3.70%
PDP	Invesco DWA Momentum ETF	-3.59%
DWAS	Invesco DWA SmallCap Momentum ETF	-3.59%
SYLD	Cambria Shareholder Yield ETF	-3.57%
LSAT	Leadershares Alphafactor Tactical Focused ETF	-3.43%
LGH	HCM Defender 500 Index ETF	-3.31%

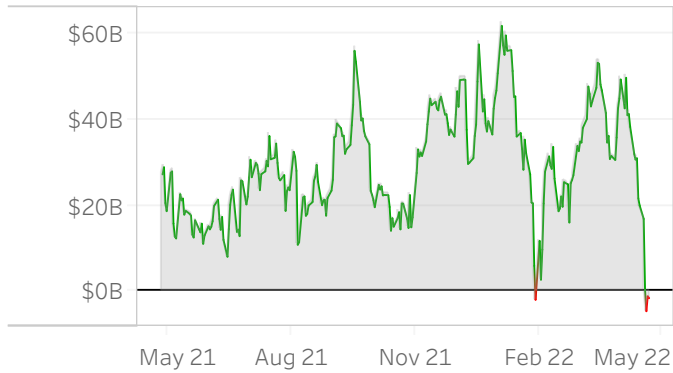
Size & Style Most Oversold

Ticker	Fund	Value
QVML	Invesco S&P 500 QVM Multi-factor ETF	27.29
FFTY	Innovator IBD 50 ETF	29.94
QQH	HCM Defender 100 Index ETF	30.91
LGH	HCM Defender 500 Index ETF	31.39
DUSA	Davis Select U.S. Equity ETF	33.35
SHE	SPDR SSGA Gender Diversity Index ETF	33.72
MMLG	First Trust Multi-Manager Large Growth ETF	33.80
BUZZ	VanEck Social Sentiment ETF	34.22
PWB	Invesco Dynamic Large Cap Growth ETF	34.73
RPG	Invesco S&P 500 Pure Growth ETF	34.74

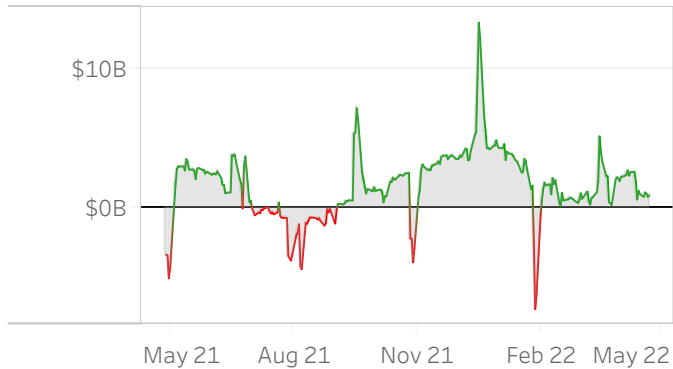
■ Closing Price
 ■ 50 Day Moving Average
 ■ 200 Day Moving Average

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

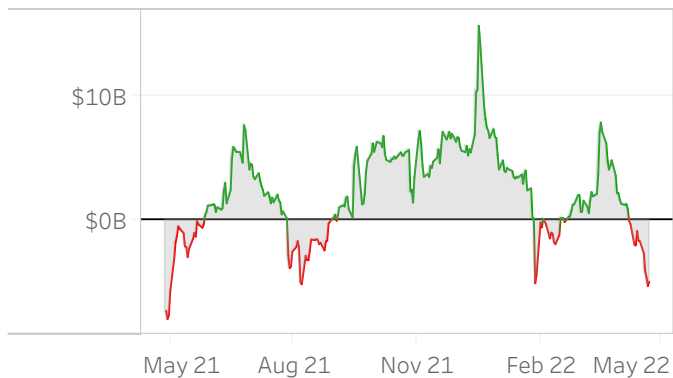
Large-Cap 30-Day Rolling Flows



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	26	\$1,293B	(\$13.40B)	\$9.12B	\$55.22B	\$117.11B
Large Cap, Beta Growth, Beta: Growth	10	\$238B	(\$1.71B)	\$3.25B	\$4.23B	\$13.39B
Large Cap, Beta Growth, Beta: Value	11	\$230B	(\$0.74B)	\$9.54B	\$17.01B	\$29.93B
Mid Cap, Beta, Beta	10	\$188B	\$0.27B	\$1.73B	\$7.48B	\$10.50B
Mid Cap, Beta, Beta: Growth	6	\$35B	(\$0.09B)	(\$0.35B)	\$0.24B	(\$0.52B)
Mid Cap, Beta, Beta: Value	6	\$43B	(\$0.10B)	(\$0.26B)	\$0.26B	\$1.80B
Small Cap, Beta, Beta	12	\$207B	\$0.16B	(\$1.77B)	\$5.45B	\$11.50B
Small Cap, Beta, Beta: Growth	7	\$33B	(\$0.05B)	\$0.18B	\$0.70B	\$0.56B
Small Cap, Beta, Beta: Value	7	\$55B	(\$0.12B)	(\$3.12B)	(\$1.84B)	(\$1.22B)

U.S. Size & Style Flow Leaders

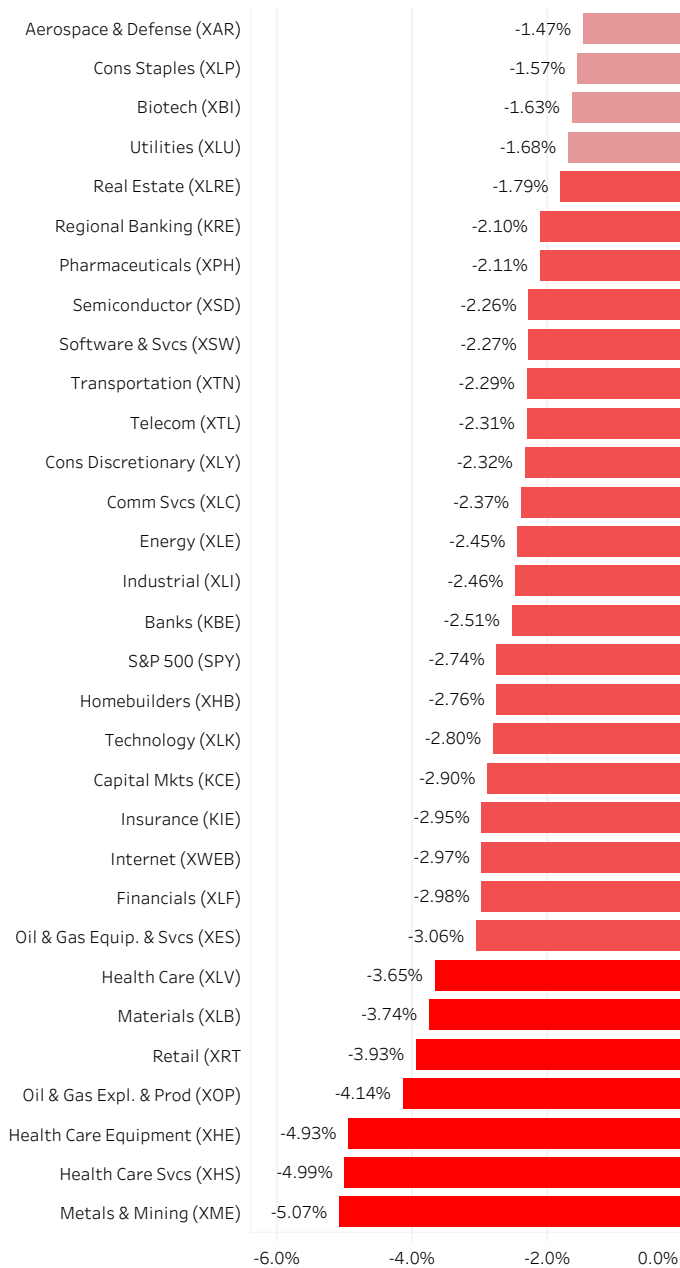
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
QQQ	Invesco QQQ Trust	\$0.73B	\$2.77B	\$7.89B	\$20.66B	\$179.40B
HDV	iShares Core High Dividend ETF	\$0.50B	\$1.94B	\$1.99B	\$2.44B	\$10.25B
IWM	iShares Russell 2000 ETF	\$0.37B	(\$3.54B)	(\$3.26B)	(\$2.84B)	\$57.95B
SCHD	Schwab US Dividend Equity ETF	\$0.31B	\$3.38B	\$5.42B	\$11.38B	\$35.61B
COWZ	Pacer US Cash Cows 100 ETF	\$0.29B	\$2.76B	\$3.45B	\$3.91B	\$4.59B
VTI	Vanguard Total Stock Market ETF	\$0.26B	\$5.91B	\$20.23B	\$40.63B	\$282.02B
FDL	First Trust Morningstar Dividend Leaders Ind..	\$0.21B	\$0.50B	\$0.54B	\$0.57B	\$2.47B
VYM	Vanguard High Dividend Yield Index ETF	\$0.20B	\$2.44B	\$4.24B	\$5.80B	\$45.91B
VTV	Vanguard Value ETF	\$0.18B	\$7.95B	\$11.67B	\$19.69B	\$104.02B
VO	Vanguard Mid-Cap ETF	\$0.14B	\$0.86B	\$3.36B	\$6.24B	\$54.15B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
IVV	iShares Core S&P 500 ETF	(\$7.66B)	\$4.82B	\$17.46B	\$19.90B	\$311.02B
VOO	Vanguard S&P 500 ETF	(\$4.56B)	\$12.07B	\$17.82B	\$40.10B	\$271.55B
IVW	iShares S&P 500 Growth ETF	(\$1.05B)	(\$0.40B)	(\$0.73B)	(\$0.46B)	\$33.26B
IWF	iShares Russell 1000 Growth ETF	(\$0.65B)	(\$0.70B)	(\$2.43B)	(\$1.88B)	\$65.26B
SPYV	SPDR Portfolio S&P 500 Value ETF	(\$0.64B)	\$0.55B	\$0.61B	\$2.28B	\$14.12B
IWD	iShares Russell 1000 Value ETF	(\$0.35B)	(\$1.16B)	\$0.13B	\$1.11B	\$57.24B
IJR	iShares Core S&P Small Cap ETF	(\$0.23B)	\$0.09B	\$3.98B	\$4.58B	\$70.48B
IWB	iShares Russell 1000 ETF	(\$0.20B)	(\$0.35B)	(\$0.81B)	(\$0.46B)	\$29.07B
IUSG	iShares Core S&P U.S. Growth ETF	(\$0.14B)	\$0.31B	\$0.34B	\$0.61B	\$11.95B
VSDA	VictoryShares Dividend Accelerator ETF	(\$0.12B)	(\$0.03B)	(\$0.03B)	(\$0.06B)	\$0.32B

* 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	-1.65%	15.17%	4.52%	7.60%	61.62
XLU	Utilities Select Sector SPDR Fund	-3.52%	17.43%	3.61%	8.08%	48.84
XLRE	Real Estate Select Sector SPDR Fund	-4.71%	20.30%	4.75%	4.07%	55.85
XLB	Materials Select Sector SPDR Fund	-5.37%	8.38%	-0.03%	0.37%	41.07
XLE	Energy Select Sector SPDR Fund	-5.95%	66.41%	1.90%	26.41%	46.28
XLV	Health Care Select Sector SPDR Fund	-6.41%	10.17%	-0.32%	0.34%	41.36
XLI	Industrial Select Sector SPDR Fund	-8.11%	2.96%	-1.89%	-4.03%	39.69
SPY	SPDR S&P 500 ETF Trust	-10.82%	5.09%	-3.00%	-5.14%	36.72
XLF	Financial Select Sector SPDR Fund	-12.68%	3.02%	-5.03%	-6.39%	35.10
XLY	Consumer Discretionary Select Sector SPDR Fund	-16.84%	7.74%	-1.48%	-6.50%	43.79
XLK	Technology Select Sector SPDR Fund	-19.00%	8.96%	-6.03%	-9.81%	35.81
XLC	Communication Services Select Sector SPDR Fund	-28.74%	0.00%	-8.96%	-19.77%	30.12

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
ITA	iShares U.S. Aerospace & Defense ETF	-0.86%
RHS	Invesco S&P 500 Equal Weight Consumer Staples ..	-1.33%
NETL	NETLease Corporate Real Estate ETF	-1.35%
PPA	Invesco Aerospace & Defense ETF	-1.36%
XAR	SPDR S&P Aerospace & Defense ETF	-1.47%
PSR	Invesco Active U.S. Real Estate Fund	-1.49%
INDS	Pacer Benchmark Industrial Real Estate SCTR ETF	-1.53%
XLP	Consumer Staples Select Sector SPDR Fund	-1.57%
FSTA	FIDELITY COVINGTON TRUST MSCI CONSUMER ST..	-1.57%
IYK	iShares U.S. Consumer Staples ETF	-1.58%

Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
RHS	Invesco S&P 500 Equal Weight Consumer Staples ETF	65.78
IYK	iShares U.S. Consumer Staples ETF	62.49
XLP	Consumer Staples Select Sector SPDR Fund	61.62
FSTA	FIDELITY COVINGTON TRUST MSCI CONSUMER STAPLES..	60.68
FXG	First Trust Consumer Staples AlphaDEX Fund	59.75
VDC	Vanguard Consumer Staples ETF	59.71
NURE	Nuveen Short-Term REIT ETF	58.05
FTXG	First Trust Nasdaq Food & Beverage ETF	57.24
PSR	Invesco Active U.S. Real Estate Fund	56.83
PBJ	Invesco Dynamic Food & Beverage ETF	56.52

Sector & Industry 1 Day Performance Laggards

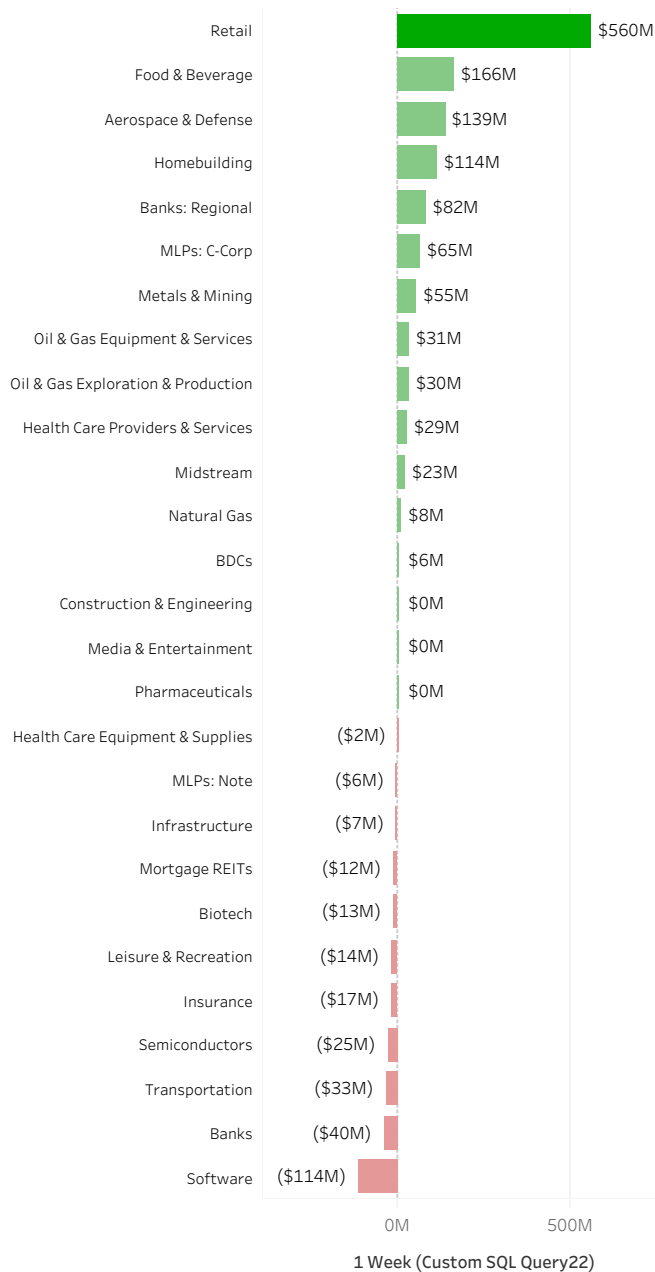
Ticker	Fund	1 Day Performance
XME	SPDR S&P Metals & Mining ETF	-5.07%
PTH	Invesco DWA Healthcare Momentum ETF	-5.03%
XHS	SPDR S&P Health Care Services ETF	-4.99%
IHI	iShares U.S. Medical Devices ETF	-4.98%
XHE	SPDR S&P Health Care Equipment ETF	-4.93%
IHF	iShares U.S. Healthcare Providers ETF	-4.79%
FCG	First Trust Natural Gas ETF	-4.52%
PSCE	Invesco S&P SmallCap Energy ETF	-4.37%
RYH	Invesco S&P 500 Equal Weight Health Care ETF	-4.35%
FXH	First Trust Health Care AlphaDEX Fund	-4.26%

Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
XLC	Communication Services Select Sector SPDR Fund	30.12
FCOM	Fidelity MSCI Communication Services Index ETF	30.16
VOX	Vanguard Communication Services ETF	30.29
PNQI	Invesco NASDAQ Internet ETF	31.99
FDN	First Trust Dow Jones Internet Index Fund	33.03
XPH	SPDR S&P Pharmaceuticals ETF	33.29
MORT	VanEck Mortgage REIT Income ETF	33.58
IGM	iShares Expanded Tech Sector ETF	33.77
IAI	iShares U.S. Broker-Dealers & Securities Exchanges ETF	33.98
IETC	iShares Evolved US Technology ETF	34.09

* 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	\$23M	(\$438M)	(\$1,509M)	\$562M
Consumer Discretionary	13	\$30B	\$119M	(\$2,432M)	(\$2,133M)	(\$2,643M)
Consumer Staples	12	\$28B	\$469M	\$2,695M	\$5,457M	\$6,359M
Energy	34	\$80B	\$540M	\$1,415M	\$5,307M	\$5,385M
Financials	28	\$75B	(\$1,273M)	(\$7,283M)	(\$2,952M)	\$1,730M
Health Care	26	\$93B	\$294M	\$3,749M	\$9,304M	\$12,314M
Industrial	14	\$34B	\$332M	(\$26M)	(\$830M)	(\$4,726M)
Materials	10	\$21B	\$397M	\$2,355M	\$3,097M	\$3,043M
Multi-Sector	18	\$17B	\$48M	(\$4,356M)	(\$3,667M)	(\$2,886M)
Real Estate	23	\$82B	\$301M	(\$1,566M)	\$2,571M	\$8,830M
Technology	24	\$132B	(\$413M)	(\$284M)	\$1,214M	\$6,501M
Utilities	10	\$25B	\$331M	\$2,123M	\$2,967M	\$3,041M

U.S. Sector & Industry Flow Leaders

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XRT	SPDR S&P Retail ETF	\$563M	\$186M	\$17M	\$274M	\$801M
XLU	Utilities Select Sector SPDR Fund	\$217M	\$1,078M	\$1,739M	\$1,504M	\$15,639M
XLV	Health Care Select Sector SPDR Fund	\$216M	\$2,558M	\$6,464M	\$9,310M	\$39,082M
XLP	Consumer Staples Select Sector SPDR Fund	\$173M	\$1,576M	\$3,831M	\$4,610M	\$17,151M
FXZ	First Trust Materials AlphaDEX Fund	\$167M	\$1,378M	\$1,404M	\$1,510M	\$2,094M
XLI	Industrial Select Sector SPDR Fund	\$142M	(\$1,691M)	(\$2,342M)	(\$5,290M)	\$15,342M
FXN	First Trust Energy AlphaDEX Fund	\$140M	\$1,132M	\$1,248M	\$1,261M	\$1,794M
FTXN	First Trust Nasdaq Oil & Gas ETF	\$128M	(\$64M)	\$893M	\$922M	\$1,317M
XLB	Materials Select Sector SPDR Fund	\$128M	(\$247M)	\$270M	(\$353M)	\$8,124M
XHB	SPDR S&P Homebuilders ETF	\$126M	(\$585M)	(\$237M)	(\$517M)	\$1,262M

U.S. Sector & Industry Flow Laggards

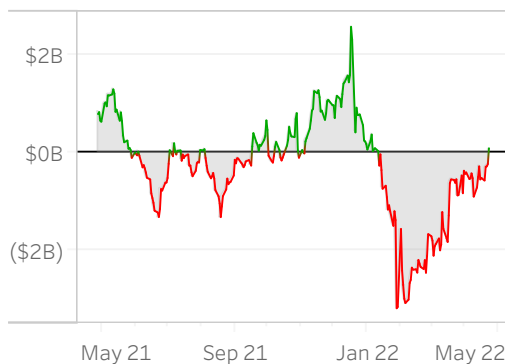
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLF	Financial Select Sector SPDR Fund	(\$1,129M)	(\$4,442M)	(\$1,411M)	(\$593M)	\$40,313M
FXD	First Trust Consumer Discretionary AlphaDEX F..	(\$352M)	(\$517M)	(\$621M)	(\$506M)	\$1,125M
XLK	Technology Select Sector SPDR Fund	(\$177M)	\$828M	\$1,089M	\$2,336M	\$44,249M
IBB	iShares Biotechnology ETF	(\$114M)	(\$338M)	\$143M	(\$41M)	\$8,111M
IGV	iShares Expanded Tech-Software Sector ETF	(\$111M)	(\$319M)	\$226M	\$376M	\$4,644M
IYZ	iShares U.S. Telecommunications ETF	(\$107M)	\$21M	\$0M	(\$16M)	\$393M
VFH	Vanguard Financials ETF	(\$88M)	(\$216M)	\$336M	\$936M	\$11,101M
XLY	Consumer Discretionary Select Sector SPDR Fu..	(\$83M)	(\$1,263M)	(\$799M)	(\$1,521M)	\$19,072M
VGT	Vanguard Information Technology ETF	(\$58M)	\$70M	\$242M	\$2,801M	\$47,282M
FND	First Trust Dow Jones Internet Index Fund	(\$43M)	(\$1,694M)	(\$2,176M)	(\$2,198M)	\$5,405M

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

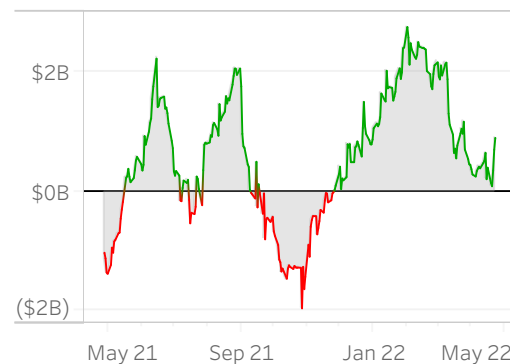
Communication Services



Consumer Discretionary



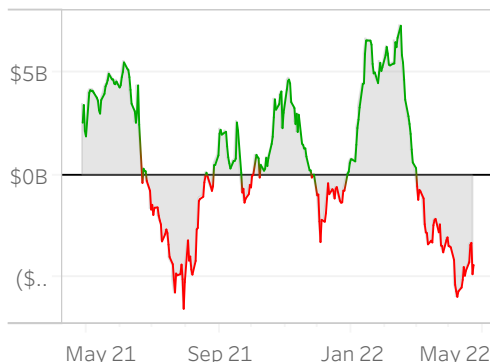
Consumer Staples



Energy



Financials



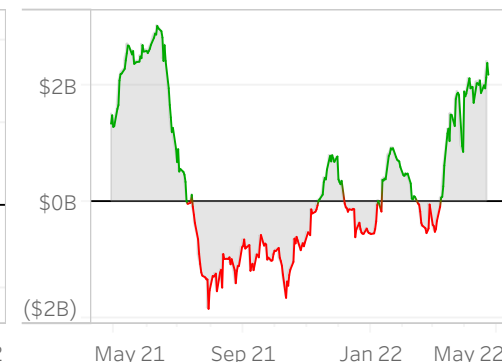
Industrial



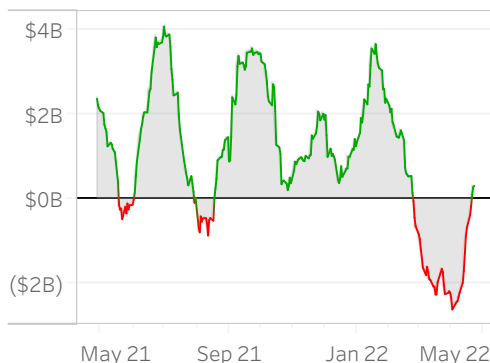
Health Care



Materials



Real Estate



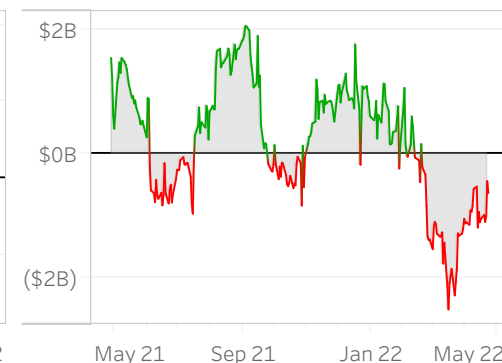
Technology



Utilities

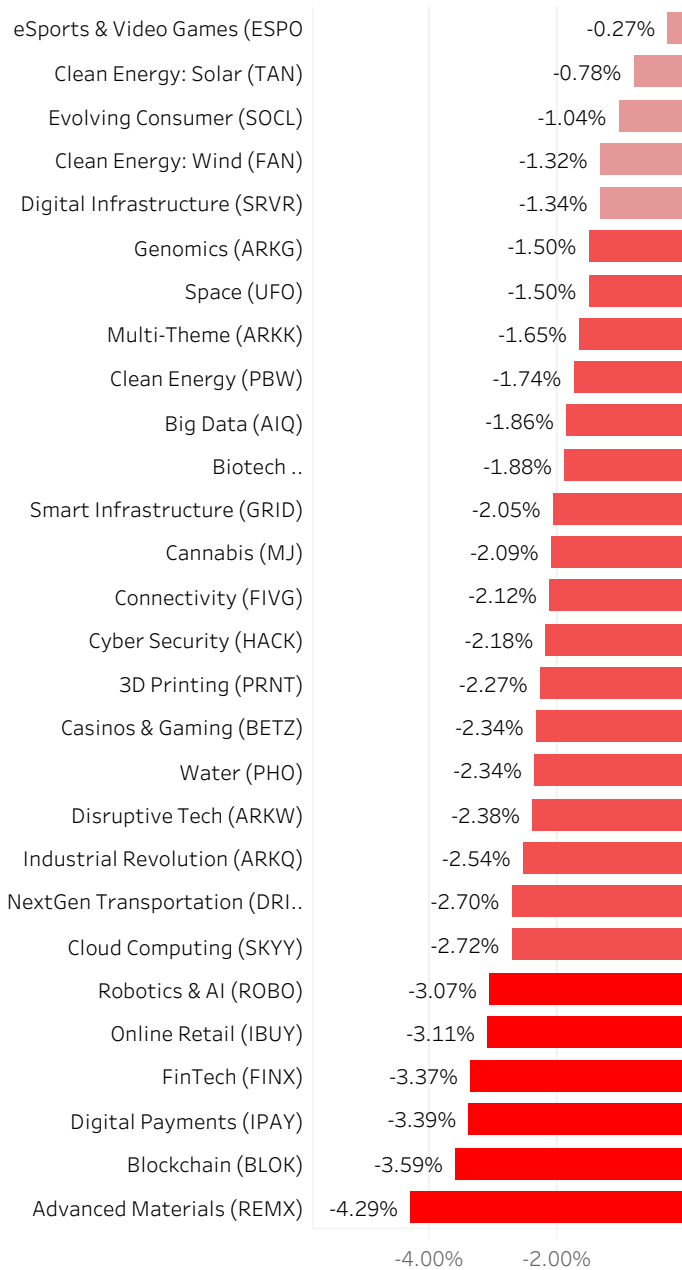


Multi-Sector

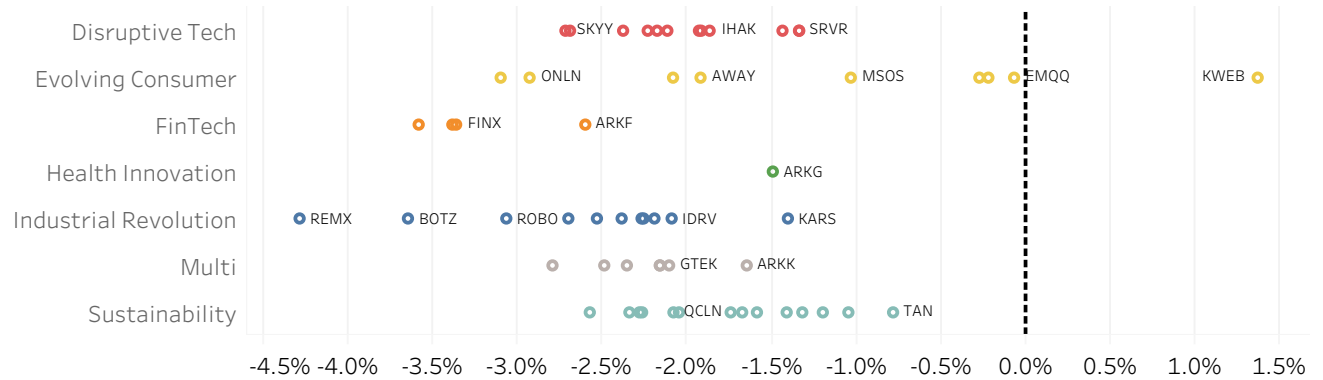


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Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
KGRN	KraneShares MSCI China Clean Technology Index ETF	2.40%
KWEB	KraneShares CSI China Internet ETF	1.37%
EMQQ	EMQQ The Emerging Markets Internet & Ecommerce ETF	-0.07%
HERO	Global X Video Games & Esports ETF	-0.22%
ESPO	VanEck Video Gaming and eSports ETF	-0.27%
CNBS	Amplify Seymour Cannabis ETF	-0.49%
KEMQ	KraneShares Emerging Markets Consumer Technology In..	-0.71%
TAN	Invesco Solar ETF	-0.78%
SMOG	VanEck Low Carbon Energy ETF	-0.85%
YOLO	AdvisorShares Pure Cannabis ETF	-0.91%

Thematic Most Overbought

Ticker	Fund	Price
SRVR	Pacer Benchmark Data & Infrastructure Real Estate SCTR ..	50.26
VPN	Global X Data Center REITs & Digital Infrastructure ETF	46.55
EVX	VanEck Environmental Services ETF	44.86
AWAY	ETFMG Travel Tech ETF	42.94
PIO	Invesco Global Water ETF	41.75
BUG	Global X Cybersecurity ETF	41.74
PHO	Invesco Water Resources ETF	41.48
IHAK	iShares Cybersecurity & Tech ETF	40.90
FIW	First Trust Water ETF	40.24
EBLU	Ecofin Global Water ESG Fund	40.19

Global Thematic 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
GBUY	Goldman Sachs Future Consumer Equity ETF	-6.29%
DAPP	VanEck Digital Transformation ETF	-4.66%
BKCH	Global X Blockchain ETF	-4.52%
BITQ	Bitwise Crypto Industry Innovators ETF	-4.50%
REMX	VanEck Rare Earth/Strategic Metals ETF	-4.29%
BOTZ	Global X Robotics & Artificial Intelligence ETF	-3.65%
BLOK	Amplify Transformational Data Sharing ETF	-3.59%
GDOC	Goldman Sachs Future Health Care Equity ETF	-3.45%
EDOC	Global X Telemedicine & Digital Health ETF Registered	-3.45%
IPAY	ETFMG Prime Mobile Payments ETF	-3.39%

Thematic Most Oversold

Ticker	Fund	Price
KSTR	KraneShares SSE STAR Market 50 Index ETF	24.30
YOLO	AdvisorShares Pure Cannabis ETF	28.05
CNBS	Amplify Seymour Cannabis ETF	29.00
MSOS	AdvisorShares Pure US Cannabis ETF	29.21
HERO	Global X Video Games & Esports ETF	29.63
GAMR	Wedbush ETFMG Video Game Tech ETF	29.99
BKCH	Global X Blockchain ETF	30.59
GBUY	Goldman Sachs Future Consumer Equity ETF	30.70
PRNT	3D Printing ETF	31.28
BOTZ	Global X Robotics & Artificial Intelligence ETF	31.43

* 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
CIBR	First Trust NASDAQ Cybersecurity ETF	\$91M
BUG	Global X Cybersecurity ETF	\$19M
KOMP	SPDR S&P Kensho New Economies Composite ETF	\$11M
AWAY	ETFMG Travel Tech ETF	\$10M
ARKG	ARK Genomic Revolution ETF	\$8M
WCLD	WisdomTree Cloud Computing Fund	\$6M
HYDR	Global X Hydrogen ETF	\$5M
TENG	Direxion Daily 5G Communications Bull 2X Shares	\$4M
BKCH	Global X Blockchain ETF	\$3M
ARVR	First Trust Indxx Metaverse ETF	\$3M

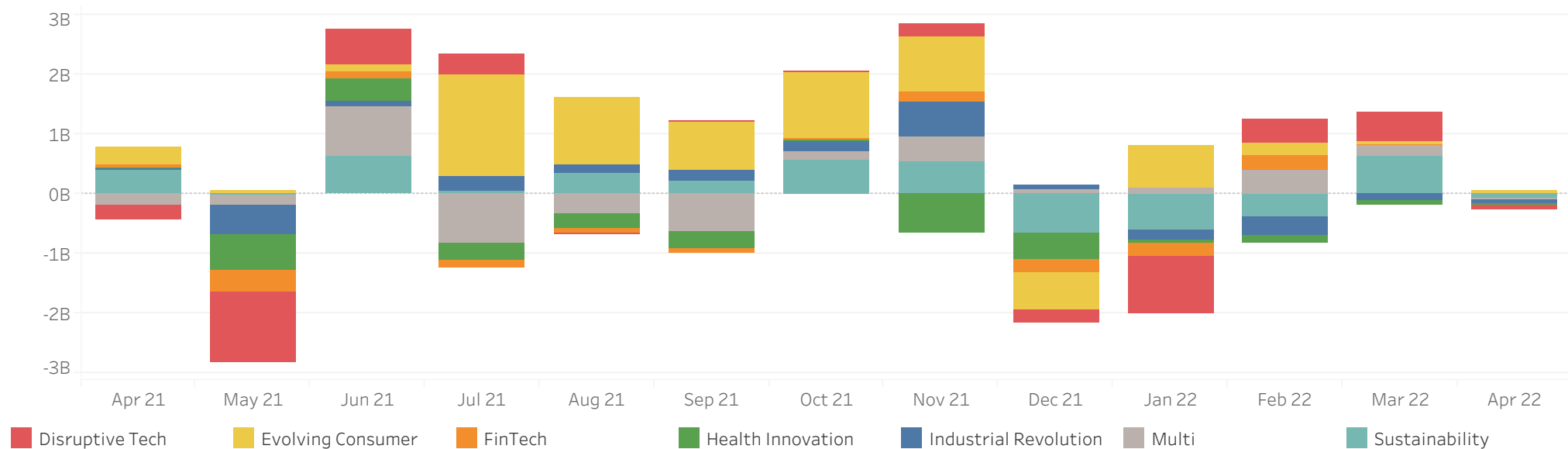
Thematic 1 Week Flow Laggards

Ticker	Fund	Flow
TAN	Invesco Solar ETF	(\$50M)
ARKK	ARK Innovation ETF	(\$48M)
CLOU	Global X Cloud Computing ETF	(\$21M)
KWEB	KraneShares CSI China Internet ETF	(\$20M)
SKYY	First Trust Cloud Computing ETF	(\$17M)
FIVG	Defiance Next Gen Connectivity ETF	(\$13M)
ARKW	ARK Next Generation Internet ETF	(\$12M)
BOTZ	Global X Robotics & Artificial Intelligence ETF	(\$12M)
BETZ	Roundhill Sports Betting & iGaming ETF	(\$11M)
REMX	VanEck Rare Earth/Strategic Metals ETF	(\$11M)

Thematic Landscape Assets & Flows

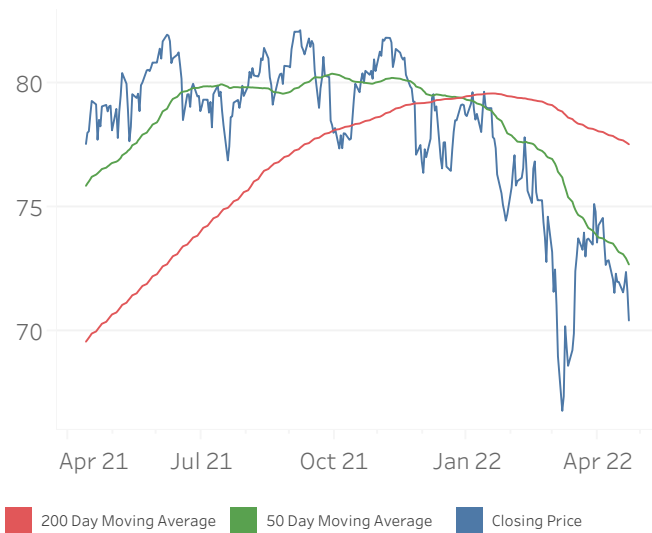
Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	36	\$23B	\$103M	\$694M	(\$3M)	(\$556M)
Evolving Consumer	47	\$11B	(\$27M)	\$244M	\$1,243M	\$6,546M
FinTech	22	\$4B	(\$5M)	\$211M	\$1M	(\$486M)
Health Innovation	19	\$4B	(\$14M)	(\$142M)	(\$1,374M)	(\$2,345M)
Industrial Revolution	29	\$14B	(\$32M)	(\$530M)	\$262M	\$337M
Multi	38	\$17B	(\$9M)	\$734M	\$925M	(\$164M)
Sustainability	40	\$19B	(\$74M)	\$44M	(\$313M)	\$1,516M
Grand Total	231	\$93B	(\$59M)	\$1,255M	\$740M	\$4,847M

Thematic Monthly Flows

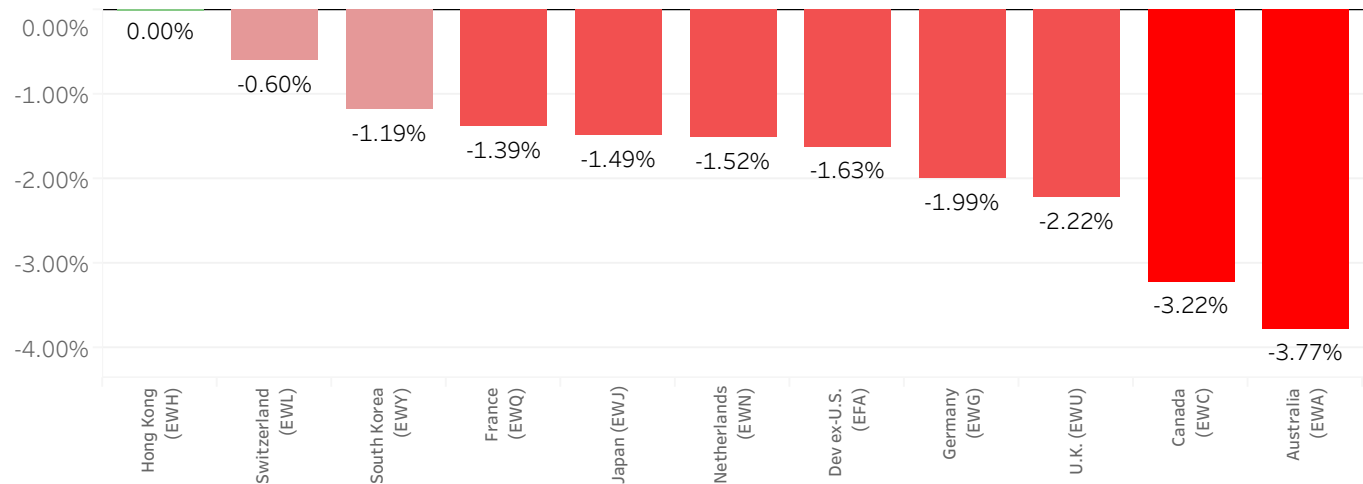


* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

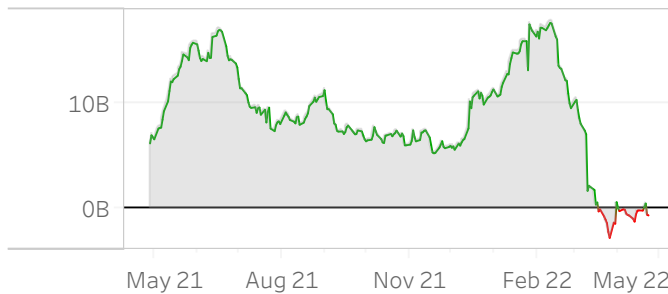
Developed ex-U.S. (EFA)



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



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



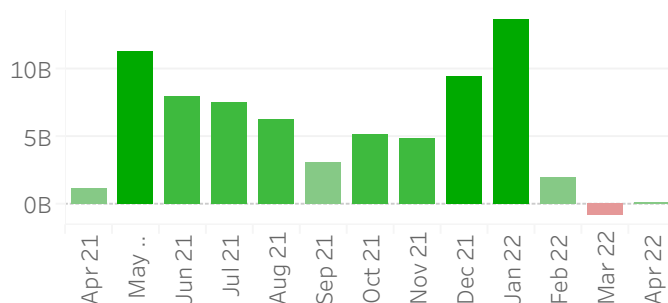
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
EWH	iShares MSCI Hong Kong ETF	0.00%
AIA	iShares Asia 50 ETF	-0.24%
LVHI	Legg Mason International Low Volatility High Dividend ETF	-0.37%
EUSC	WisdomTree Europe Hedged SmallCap Equity Fund	-0.38%
EWJV	iShares MSCI Japan Value ETF	-0.39%
DDLS	WisdomTree Dynamic Currency Hedged International SmallCap Equity Fund	-0.41%
AAXJ	iShares MSCI All Country Asia ex Japan ETF	-0.54%
EWL	iShares MSCI Switzerland ETF	-0.60%
PTIN	Pacer Trendpilot International ETF	-0.66%
EWS	iShares MSCI Singapore ETF	-0.66%

Developed ex-U.S. Most Overbought

Ticker	Fund	Value
EUSC	WisdomTree Europe Hedged SmallCap Equity Fund	53.97
GREK	Global X MSCI Greece ETF	50.98
LVHI	Legg Mason International Low Volatility High Dividend ETF	50.71
HEDJ	WisdomTree Europe Hedged Equity Fund	49.67
DXJ	WisdomTree Japan Hedged Equity Fund	49.21
EIRL	iShares MSCI Ireland ETF	48.08
EWP	iShares MSCI Spain ETF	47.66
DBEU	Xtrackers MSCI Europe Hedged Equity ETF	47.03
HEZU	iShares Currency Hedged MSCI Eurozone ETF	47.02
EWO	iShares MSCI Austria ETF	46.25

Developed ex-U.S. Monthly Flows



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

Ticker	Fund	1-Day Performance
EWA	iShares MSCI Australia ETF	-3.77%
ISRA	VanEck Israel ETF	-3.32%
EWC	iShares MSCI Canada ETF	-3.22%
BBCA	JPMorgan BetaBuilders Canada ETF	-3.14%
PBDM	Invesco PureBeta FTSE Developed ex-North America ETF	-3.09%
EPP	iShares MSCI Pacific ex-Japan ETF	-2.71%
CIL	VictoryShares International Volatility Wtd ETF	-2.66%
FKU	First Trust United Kingdom AlphaDEX Fund	-2.61%
ISDX	Invesco RAFI Strategic Developed ex-US ETF	-2.60%
TOK	iShares MSCI Kokusai ETF	-2.59%

Developed ex-U.S. Most Oversold

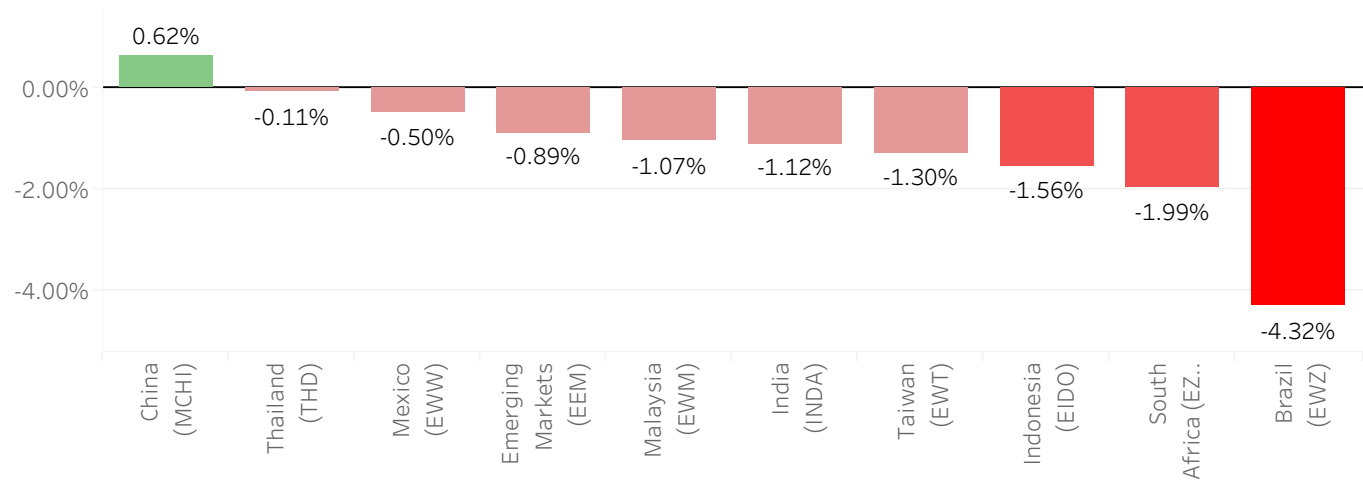
Ticker	Fund	Value
DFJ	WisdomTree Japan SmallCap Dividend Fund	28.57
SCJ	iShares MSCI Japan Small-Cap ETF	29.36
PTIN	Pacer Trendpilot International ETF	30.24
JPXN	iShares JPX-Nikkei 400 ETF	31.35
IQDG	WisdomTree International Quality Dividend Growth ..	31.59
FLJP	Franklin FTSE Japan ETF	31.97
EWJ	iShares MSCI Japan ETF	32.06
BBJP	JPMorgan BetaBuilders Japan ETF	32.11
AIA	iShares Asia 50 ETF	33.10
IPAC	iShares Core MSCI Pacific ETF	33.65

*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)



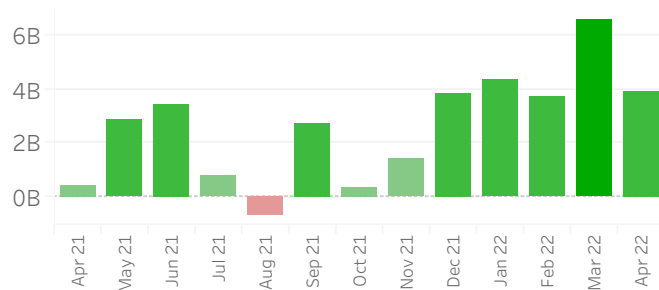
Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
QAT	iShares MSCI Qatar ETF	0.95%
FXI	iShares China Large-Cap ETF	0.92%
ECNS	iShares MSCI China Small-Cap ETF	0.70%
GXC	SPDR S&P China ETF	0.67%
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	0.65%
MCHI	iShares MSCI China ETF	0.62%
PGJ	Invesco Golden Dragon China ETF	0.59%
FLCH	Franklin FTSE China ETF	0.42%
KBA	KraneShares Boser MSCI China A 50 Connect Index ETF	0.09%
THD	iShares MSCI Thailand ETF	-0.11%

Emerging Most Overbought

Ticker	Fund	Value
TUR	iShares MSCI Turkey ETF	61.72
KSA	iShares MSCI Saudi Arabia ETF	55.94
IDX	VanEck Indonesia Index ETF	54.74
QAT	iShares MSCI Qatar ETF	51.49
EIDO	iShares MSCI Indonesia ETF	50.27
NFTY	First Trust India NIFTY 50 Equal Weight ETF	47.26
EPI	WisdomTree India Earnings Fund	47.21
SMIN	iShares MSCI India Small Cap ETF	45.83
INDA	iShares MSCI India ETF	45.56
FLIN	Franklin FTSE India ETF	45.49

Emerging 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
EWZ	iShares MSCI Brazil ETF	-4.32%
EWZS	iShares MSCI Brazil Small-Cap ETF	-3.79%
FLBR	Franklin FTSE Brazil ETF	-3.70%
TUR	iShares MSCI Turkey ETF	-3.48%
FLN	First Trust Latin America AlphaDEX Fund	-3.03%
ILF	iShares Latin America 40 ETF	-2.88%
EPOL	iShares MSCI Poland ETF	-2.20%
EZA	iShares MSCI South Africa ETF	-1.99%
DEM	WisdomTree Emerging Markets High Dividend Fund	-1.98%
AFK	VanEck Africa Index ETF	-1.97%

Emerging Most Oversold

Ticker	Fund	Value
VNM	VanEck Vietnam ETF	23.81
EPU	iShares MSCI Peru ETF	25.23
EZA	iShares MSCI South Africa ETF	25.73
CNYA	iShares MSCI China A ETF	27.02
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	28.72
FRDM	Freedom 100 Emerging Markets ETF	29.36
AFK	VanEck Africa Index ETF	29.45
DGRE	WisdomTree Emerging Markets Quality Dividend Gr..	30.00
DVYE	iShares Emerging Markets Dividend ETF	30.26
DEM	WisdomTree Emerging Markets High Dividend Fund	30.29

*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	-0.10%	-3.42%	-9.37%
SHY	1-3 Year Treasury Bonds	-0.02%	-0.71%	-3.01%
IEF	7-10 Year Treasury Bonds	0.05%	-3.93%	-10.39%
TLT	20+ Year Treasury Bonds	-0.63%	-6.61%	-18.69%
TIP	TIPS Bonds	-0.39%	-2.25%	-4.91%
FLOT	Floating Rate Bonds	-0.10%	0.07%	-0.34%
LQD	Investment Grade Corporate	-0.11%	-5.15%	-13.89%
HYG	High Yield Corporate	-0.60%	-2.95%	-7.87%
BKLN	Senior Loan	-0.37%	0.23%	-0.94%
PFF	Preferred & Income Securities	-0.67%	-3.77%	-12.05%
MUB	Municipal Bonds	-0.10%	-2.81%	-7.76%
MBB	MBS	-0.16%	-3.81%	-8.67%
EMB	Dollar Denominated EM Bonds	-1.06%	-3.37%	-14.62%
LEMB	Local Currency EM Bond	-0.99%	-1.80%	-8.44%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	-2.19%	2.62%	33.80%
DBE	Energy	-1.96%	3.42%	43.56%
USO	WTI Crude Oil	-2.32%	-2.86%	40.38%
BNO	Brent Crude Oil	-2.23%	-5.00%	44.62%
UNG	Natural Gas	-6.20%	25.48%	81.75%
UGA	Gasoline	-0.97%	-0.26%	42.29%
DBP	Precious Metals	-1.19%	-0.33%	4.67%
GLD	Gold	-0.97%	0.52%	5.46%
SLV	Silver	-2.11%	-2.49%	3.72%
PPLT	abrdn Physical Platin..	-3.87%	-9.27%	-3.89%
PALL	abrdn Physical Palla..	-2.18%	-5.77%	24.59%
DBB	Base Metals	-1.62%	-0.04%	14.47%
CPER	Copper	-2.08%	-2.79%	2.28%
LD	Lead	-2.75%	5.54%	3.57%
JJN	Nickel	-1.46%	17.86%	60.61%
JJU	Aluminum	-1.65%	-8.03%	15.13%
JJT	Tin	-2.00%	1.47%	8.50%
DBA	Agriculture	-1.24%	0.90%	13.06%
CORN	Corn	-1.56%	7.90%	34.35%
SOYB	Soybeans	-1.76%	1.93%	25.05%
WEAT	Wheat	-0.84%	-1.03%	43.17%
CANE	Sugar	-3.43%	-0.21%	4.02%
BAL	Cotton	-1.11%	5.73%	24.74%
NIB	Cocoa	-1.51%	-3.14%	-3.27%
JO	Coffee	-0.74%	0.85%	0.42%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	0.60%	2.70%	5.54%
UDN	Short Dollar	-0.53%	-2.71%	-5.64%
FXE	Euro	-0.40%	-2.31%	-5.44%
FXB	British Pound Sterling	-1.51%	-3.26%	-5.21%
FXF	Swiss Franc	-0.49%	-2.71%	-5.07%
FXJ	Japanese Yen	-0.19%	-6.10%	-10.58%
FXC	Canadian Dollar	-1.13%	-1.26%	-0.77%
FXA	Australian Dollar	-1.89%	-3.11%	-0.49%

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