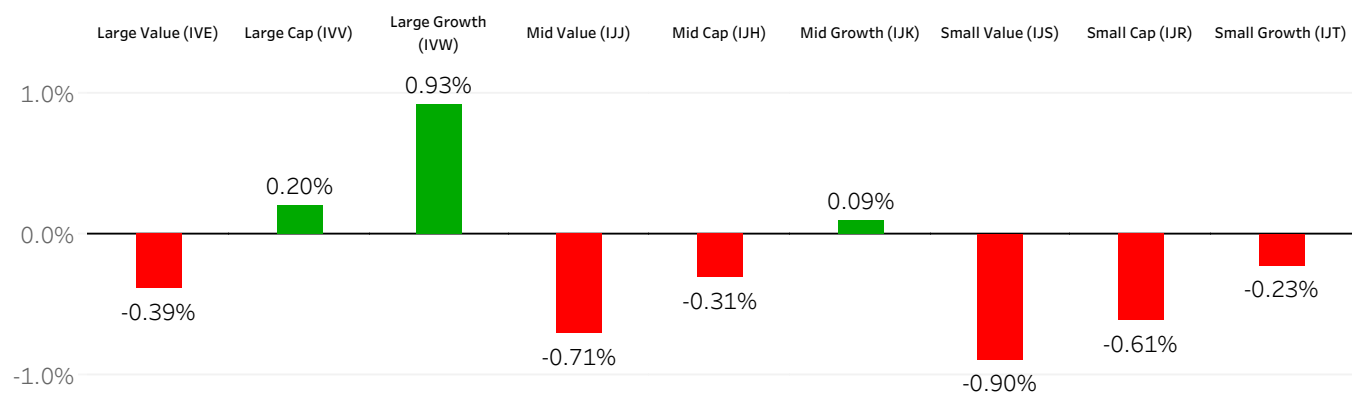


Large Cap Blend (S&P 500) IVV



U.S. Size & Style 1-Day Performance



Mid Cap Blend (S&P 400) IJH



Size & Style 1-Day Performance Leaders

Ticker	Fund	Performance
QQH	HCM Defender 100 Index ETF	1.72%
PWB	Invesco Dynamic Large Cap Growth ETF	1.25%
PSET	Principal Quality ETF	1.23%
QQQ	Invesco QQQ Trust	1.21%
QQQM	Invesco NASDAQ 100 ETF	1.17%
SCHG	Schwab U.S. Large-Cap Growth ETF	1.15%
CGGR	Capital Group Growth ETF	1.03%
MGK	Vanguard Mega Cap Growth ETF	1.03%
QQEW	First Trust Nasdaq-100 Equal Weighted Index Fund	0.97%
VOOG	Vanguard S&P 500 Growth ETF	0.94%

Size & Style Most Overbought

Ticker	Fund	Price
PTNQ	Pacer Trendpilot 100 ETF	49.25
PTMC	Pacer Trendpilot US Mid Cap ETF	48.44
SPC	CrossingBridge Pre-Merger SPAC ETF	46.35
ONOF	Global X Adaptive U.S. Risk Management ETF	45.28
RDIV	Invesco S&P Ultra Dividend Revenue ETF	44.88
PTLC	Pacer Trendpilot US Large Cap ETF	43.98
FDL	First Trust Morningstar Dividend Leaders Index Fund	42.86
HDV	iShares Core High Dividend ETF	42.73
SDOG	ALPS Sector Dividend Dogs ETF	42.72
WBIY	WBI Power Factor High Dividend ETF	41.61

Small Cap Blend (S&P 600) IJR



Size & Style 1-Day Performance Laggards

Ticker	Fund	Performance
MXDU	Nationwide Maximum Diversification US Core Equity ETF	-6.78%
PABU	iShares Paris-Aligned Climate MSCI USA ETF	-3.39%
CLRG	IQ Chaikin U.S. Large Cap ETF	-3.18%
RBUS	Nationwide Risk-Based U.S. Equity ETF	-2.38%
BUZZ	VanEck Social Sentiment ETF	-1.90%
SIXS	ETC 6 Meridian Small Cap Equity ETF	-1.78%
WBIY	WBI Power Factor High Dividend ETF	-1.62%
CSB	VictoryShares US Small Cap High Dividend Volatility Wt..	-1.59%
PEY	Invesco High Yield Equity Dividend Achievers ETF	-1.59%
SPHD	Invesco S&P 500 High Dividend Low Volatility ETF	-1.55%

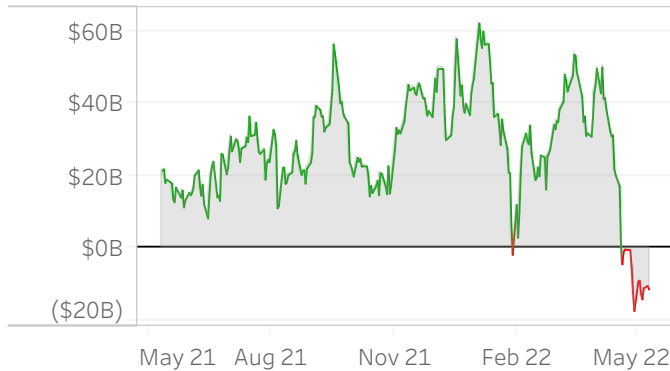
Size & Style Most Oversold

Ticker	Fund	Price
MXDU	Nationwide Maximum Diversification US Core Equit..	18.64
FFTY	Innovator IBD 50 ETF	21.64
PABU	iShares Paris-Aligned Climate MSCI USA ETF	21.89
TMFS	Motley Fool Small-Cap Growth ETF	25.18
IPO	Renaissance IPO ETF	25.75
LCG	Sterling Capital Focus Equity ETF	26.16
CLRG	IQ Chaikin U.S. Large Cap ETF	26.76
RBUS	Nationwide Risk-Based U.S. Equity ETF	26.98
IWC	iShares Micro-Cap ETF	28.04
FPX	First Trust US Equity Opportunities ETF	28.24

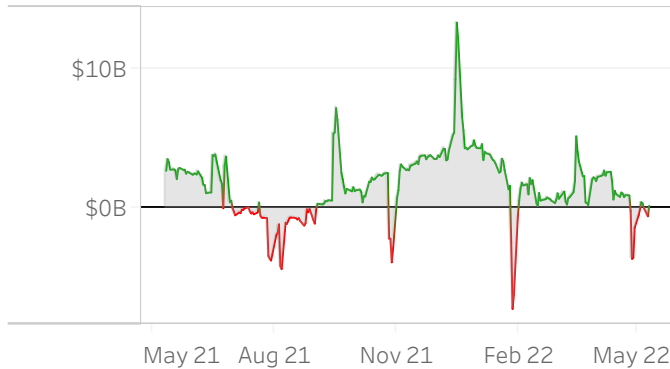
■ Closing Price ■ 50 Day Moving Average ■ 200 Day Moving Average

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

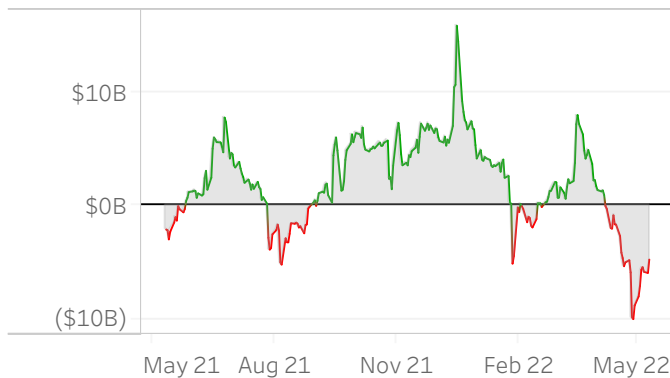
Large-Cap 30-Day Rolling Flows



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	\$1,190B	\$1.17B	(\$8.03B)	\$29.33B	\$112.60B
Large Cap, Beta Growth, Beta: Growth	10	\$212B	\$0.49B	\$3.58B	\$4.46B	\$14.49B
Large Cap, Beta Growth, Beta: Value	11	\$215B	\$0.26B	\$3.56B	\$16.38B	\$27.75B
Mid Cap, Beta, Beta	10	\$169B	\$0.35B	\$0.98B	\$7.50B	\$10.40B
Mid Cap, Beta, Beta: Growth	6	\$30B	(\$0.05B)	(\$0.64B)	(\$0.54B)	(\$0.52B)
Mid Cap, Beta, Beta: Value	6	\$39B	(\$0.62B)	(\$0.58B)	(\$0.31B)	\$0.64B
Small Cap, Beta, Beta	13	\$184B	(\$0.22B)	\$0.22B	\$1.25B	\$11.50B
Small Cap, Beta, Beta: Growth	7	\$29B	\$0.16B	\$0.33B	\$0.89B	\$1.14B
Small Cap, Beta, Beta: Value	7	\$49B	(\$0.34B)	(\$3.85B)	(\$2.56B)	(\$2.24B)

U.S. Size & Style Flow Leaders

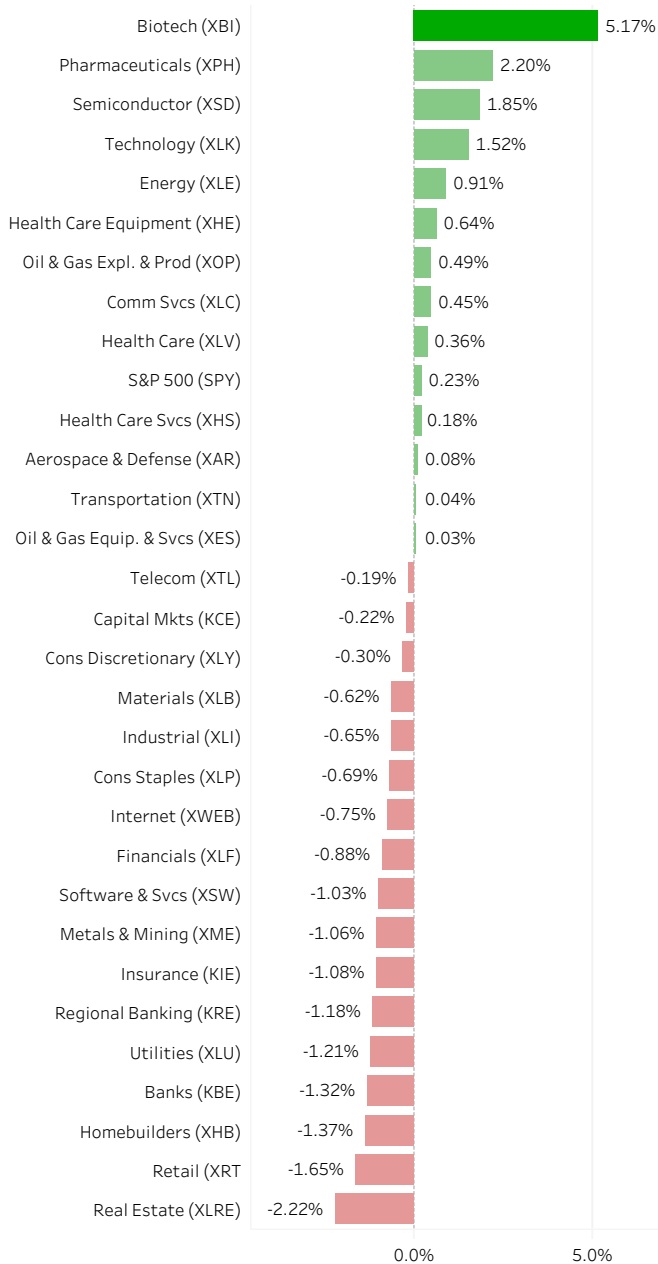
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
QQQ	Invesco QQQ Trust	\$2.01B	\$8.03B	\$7.71B	\$24.96B	\$169.49B
VOO	Vanguard S&P 500 ETF	\$0.59B	(\$2.97B)	\$15.65B	\$41.27B	\$248.82B
VTI	Vanguard Total Stock Market ETF	\$0.55B	\$5.85B	\$19.33B	\$40.63B	\$256.00B
IVV	iShares Core S&P 500 ETF	\$0.47B	(\$8.30B)	\$7.92B	\$19.84B	\$283.07B
VTV	Vanguard Value ETF	\$0.41B	\$3.21B	\$11.99B	\$18.46B	\$97.82B
SPLV	Invesco S&P 500 Low Volatility ETF	\$0.36B	\$0.83B	\$1.87B	\$1.64B	\$10.07B
IWF	iShares Russell 1000 Growth ETF	\$0.36B	(\$0.42B)	(\$1.23B)	(\$0.67B)	\$58.61B
SPYD	SPDR Portfolio S&P 500 High Dividend ETF	\$0.30B	\$0.89B	\$1.46B	\$2.96B	\$6.99B
VIG	Vanguard Dividend Appreciation ETF	\$0.30B	\$1.57B	\$2.74B	\$4.83B	\$62.22B
COWZ	Pacer US Cash Cows 100 ETF	\$0.29B	\$2.82B	\$3.93B	\$4.41B	\$4.87B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
SPY	SPDR S&P 500 ETF Trust	(\$2.38B)	(\$5.61B)	(\$8.41B)	\$12.01B	\$367.61B
VLUE	iShares MSCI USA Value Factor ETF	(\$0.76B)	(\$1.05B)	(\$3.69B)	(\$4.06B)	\$11.14B
DGRW	WisdomTree US Quality Dividend Growth Fund	(\$0.46B)	(\$0.41B)	(\$0.19B)	\$0.34B	\$6.27B
GSLC	Goldman Sachs ActiveBeta U.S. Large Cap Eq..	(\$0.36B)	(\$0.45B)	(\$0.42B)	(\$0.15B)	\$11.80B
IJJ	iShares S&P Mid-Cap 400 Value ETF	(\$0.36B)	(\$0.11B)	(\$1.26B)	(\$1.15B)	\$7.23B
IWM	iShares Russell 2000 ETF	(\$0.28B)	\$0.07B	(\$4.31B)	(\$0.92B)	\$51.36B
IWS	iShares Russell Mid-Cap Value ETF	(\$0.24B)	(\$0.87B)	(\$0.51B)	(\$0.40B)	\$13.05B
IUS	Invesco RAFI Strategic US ETF	(\$0.23B)	(\$0.19B)	(\$0.17B)	(\$0.17B)	\$0.13B
LVHD	Legg Mason Low Volatility High Dividend ETF	(\$0.20B)	(\$0.03B)	(\$0.05B)	(\$0.08B)	\$0.71B
IVE	iShares S&P 500 Value ETF	(\$0.19B)	\$0.97B	\$2.20B	\$2.23B	\$24.16B

* 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	-5.47%	10.70%	-0.30%	2.88%	43.03
XLE	Energy Select Sector SPDR Fund	-7.44%	67.61%	-0.17%	23.83%	48.33
XLU	Utilities Select Sector SPDR Fund	-8.00%	11.97%	-3.01%	2.51%	38.82
XLB	Materials Select Sector SPDR Fund	-10.22%	2.83%	-5.57%	-4.95%	35.66
XLV	Health Care Select Sector SPDR Fund	-11.17%	4.57%	-5.73%	-4.75%	35.28
XLI	Industrial Select Sector SPDR Fund	-13.55%	0.00%	-7.11%	-9.34%	32.95
SPY	SPDR S&P 500 ETF Trust	-16.46%	0.23%	-8.15%	-10.89%	34.21
XLF	Financial Select Sector SPDR Fund	-18.86%	0.00%	-9.48%	-12.83%	31.38
XLRE	Real Estate Select Sector SPDR Fund	-19.34%	0.00%	-11.88%	-11.90%	25.47
XLK	Technology Select Sector SPDR Fund	-22.34%	1.52%	-8.28%	-13.18%	39.47
XLY	Consumer Discretionary Select Sector SPDR Fund	-28.60%	0.00%	-13.76%	-19.27%	29.52
XLC	Communication Services Select Sector SPDR Fund	-32.49%	0.45%	-11.25%	-22.66%	35.95

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
XBI	SPDR S&P BIOTECH ETF	5.17%
PBE	Invesco Dynamic Biotechnology & Genome ETF	3.42%
FBT	First Trust NYSE Arca Biotechnology Index Fund	3.21%
IBB	iShares Biotechnology ETF	2.67%
SOXQ	Invesco PHLX Semiconductor ETF	2.51%
FTXL	First Trust Nasdaq Semiconductor ETF	2.45%
SOXX	iShares Semiconductor ETF	2.27%
XPH	SPDR S&P Pharmaceuticals ETF	2.20%
QTEC	First Trust NASDAQ-100 Technology Sector Index ..	2.00%
XSD	SPDR S&P Semiconductor ETF	1.85%

Sector & Industry Most Overbought

Ticker	Fund	Technical Value
RHS	Invesco S&P 500 Equal Weight Consumer Staples ETF	48.35
XLE	Energy Select Sector SPDR Fund	48.33
IEO	iShares U.S. Oil & Gas Exploration & Production ETF	47.61
RYE	Invesco S&P 500 Equal Weight Energy ETF	47.53
IYE	iShares U.S. Energy ETF	47.09
VDE	Vanguard Energy ETF	46.76
FENY	Fidelity MSCI Energy Index ETF	46.65
PXE	Invesco Dynamic Energy Exploration & Production ETF	46.40
FXG	First Trust Consumer Staples AlphaDEX Fund	46.18
IYK	iShares U.S. Consumer Staples ETF	45.99

Sector & Industry 1 Day Performance Laggards

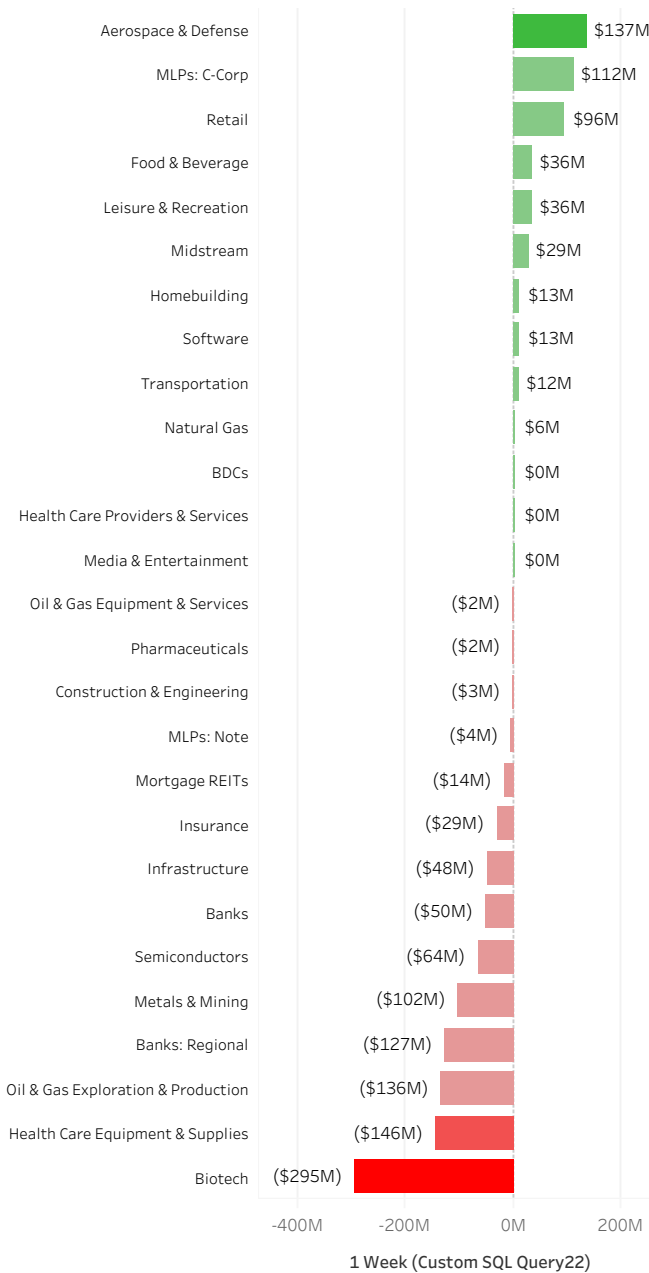
Ticker	Fund	1 Day Performance
XLRE	Real Estate Select Sector SPDR Fund	-2.22%
ICF	iShares Cohen & Steers REIT ETF	-2.11%
ITB	iShares U.S. Home Construction ETF	-2.07%
EWRE	Invesco S&P 500 Equal Weight Real Estate ETF	-2.00%
IYR	iShares U.S. Real Estate ETF	-1.94%
KBWY	Invesco KBW Premium Yield Equity REIT ETF	-1.89%
FREL	Fidelity MSCI Real Estate Index ETF	-1.82%
VNQ	Vanguard Real Estate ETF	-1.82%
PKB	Invesco Dynamic Building & Construction ETF	-1.77%
BBRE	JPMorgan BetaBuilders MSCI U.S. REIT ETF	-1.75%

Sector & Industry Most Oversold

Ticker	Fund	Technical Value
REZ	iShares Residential and Multisector Real Estate ETF	22.34
INDS	Pacer Benchmark Industrial Real Estate SCTR ETF	23.08
NURE	Nuveen Short-Term REIT ETF	23.69
PPTY	US Diversified Real Estate ETF	23.75
RWR	SPDR Dow Jones REIT ETF	24.13
ICF	iShares Cohen & Steers REIT ETF	24.78
BBRE	JPMorgan BetaBuilders MSCI U.S. REIT ETF	24.90
USRT	iShares Core U.S. REIT ETF	24.90
FRI	First Trust S&P REIT Index Fund	24.96
XLRE	Real Estate Select Sector SPDR Fund	25.47

* 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	(\$80M)	(\$438M)	(\$1,671M)	\$398M
Consumer Discretionary	13	\$25B	\$179M	(\$1,505M)	(\$3,811M)	(\$3,988M)
Consumer Staples	12	\$28B	(\$405M)	\$2,865M	\$6,323M	\$7,306M
Energy	34	\$80B	(\$99M)	(\$184M)	\$5,047M	\$4,517M
Financials	28	\$67B	(\$853M)	(\$12,649M)	(\$5,782M)	(\$4,544M)
Health Care	26	\$84B	(\$430M)	\$3,450M	\$7,152M	\$11,214M
Industrial	14	\$31B	(\$562M)	\$107M	(\$1,417M)	(\$5,550M)
Materials	10	\$18B	(\$250M)	\$2,210M	\$1,696M	\$1,112M
Multi-Sector	18	\$15B	(\$99M)	(\$3,166M)	(\$4,276M)	(\$3,533M)
Real Estate	23	\$70B	(\$696M)	(\$2,880M)	\$285M	\$8,153M
Technology	24	\$121B	(\$453M)	(\$163M)	\$302M	\$5,060M
Utilities	10	\$25B	\$88M	\$2,135M	\$3,718M	\$4,168M

U.S. Sector & Industry Flow Leaders

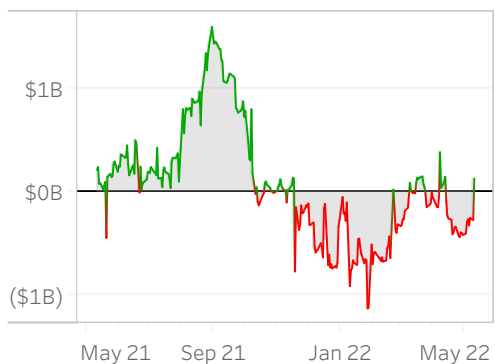
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
ITA	iShares U.S. Aerospace & Defense ETF	\$141M	\$1,421M	\$1,365M	\$992M	\$3,657M
IYC	iShares U.S. Consumer Discretionary ETF	\$130M	(\$13M)	(\$210M)	(\$411M)	\$928M
XRT	SPDR S&P Retail ETF	\$96M	\$201M	(\$349M)	(\$272M)	\$559M
AMLP	Alerian MLP ETF	\$94M	\$159M	\$554M	\$445M	\$6,477M
XLV	Health Care Select Sector SPDR Fund	\$73M	\$2,830M	\$5,078M	\$8,253M	\$36,690M
RTM	Invesco S&P 500 Equal Weight Materials ETF	\$66M	\$152M	\$165M	(\$51M)	\$586M
VDC	Vanguard Consumer Staples ETF	\$65M	\$315M	\$607M	\$902M	\$7,011M
FXG	First Trust Consumer Staples AlphaDEX Fund	\$52M	\$234M	\$287M	\$261M	\$566M
XLU	Utilities Select Sector SPDR Fund	\$51M	\$1,357M	\$2,485M	\$2,623M	\$15,829M
PSI	Invesco Dynamic Semiconductors ETF	\$40M	(\$30M)	\$15M	\$89M	\$627M

U.S. Sector & Industry Flow Laggards

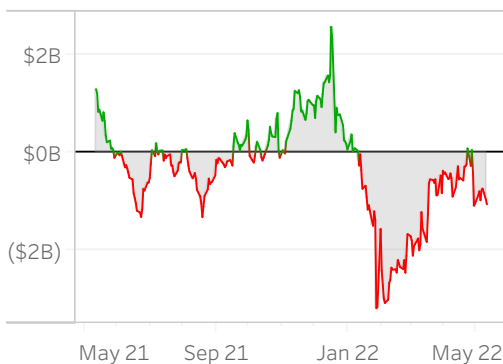
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLI	Industrial Select Sector SPDR Fund	(\$652M)	(\$1,748M)	(\$2,619M)	(\$5,572M)	\$13,966M
XLP	Consumer Staples Select Sector SPDR Fund	(\$609M)	\$799M	\$3,520M	\$4,313M	\$16,035M
XLF	Financial Select Sector SPDR Fund	(\$491M)	(\$8,152M)	(\$3,385M)	(\$3,663M)	\$35,989M
IYR	iShares U.S. Real Estate ETF	(\$338M)	(\$1,806M)	(\$2,009M)	(\$501M)	\$4,612M
VNQ	Vanguard Real Estate ETF	(\$298M)	(\$765M)	\$871M	\$3,934M	\$41,277M
XLB	Materials Select Sector SPDR Fund	(\$230M)	(\$42M)	(\$818M)	(\$1,191M)	\$7,338M
XBI	SPDR S&P BIOTECH ETF	(\$189M)	\$320M	\$1,368M	\$2,002M	\$5,248M
XOP	SPDR S&P Oil & Gas Exploration & Production E..	(\$157M)	(\$213M)	\$174M	(\$803M)	\$5,486M
XLE	Energy Select Sector SPDR Fund	(\$152M)	(\$2,088M)	\$322M	\$259M	\$39,886M
XLK	Technology Select Sector SPDR Fund	(\$148M)	\$657M	\$1,397M	\$1,910M	\$42,045M

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

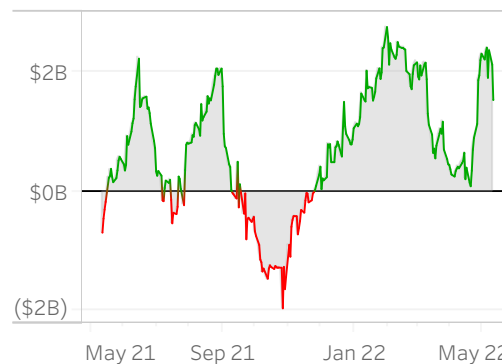
Communication Services



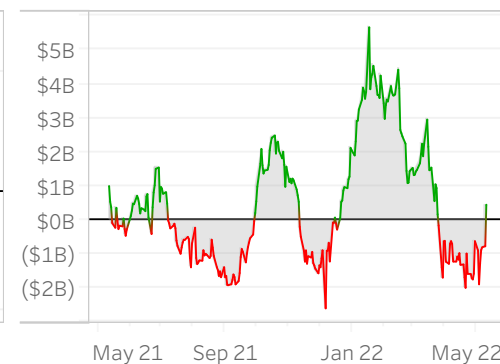
Consumer Discretionary



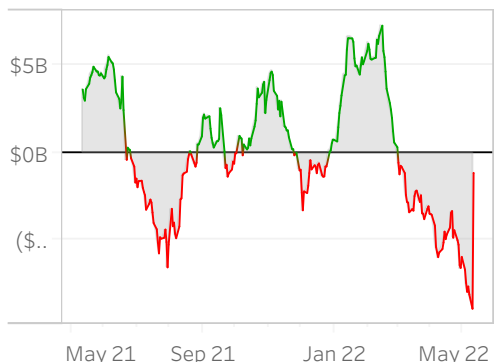
Consumer Staples



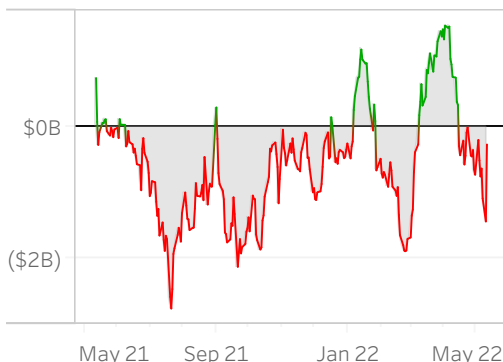
Energy



Financials



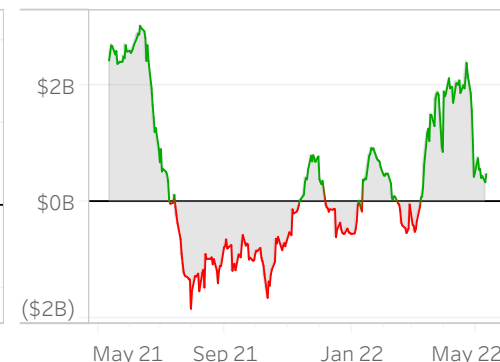
Industrial



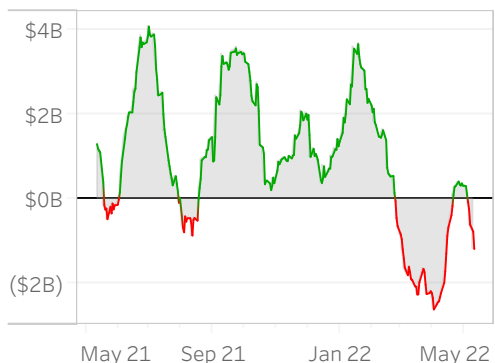
Health Care



Materials



Real Estate



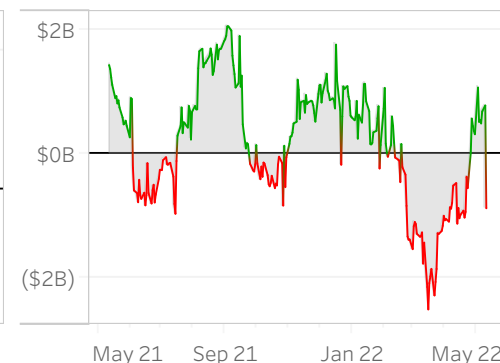
Technology



Utilities

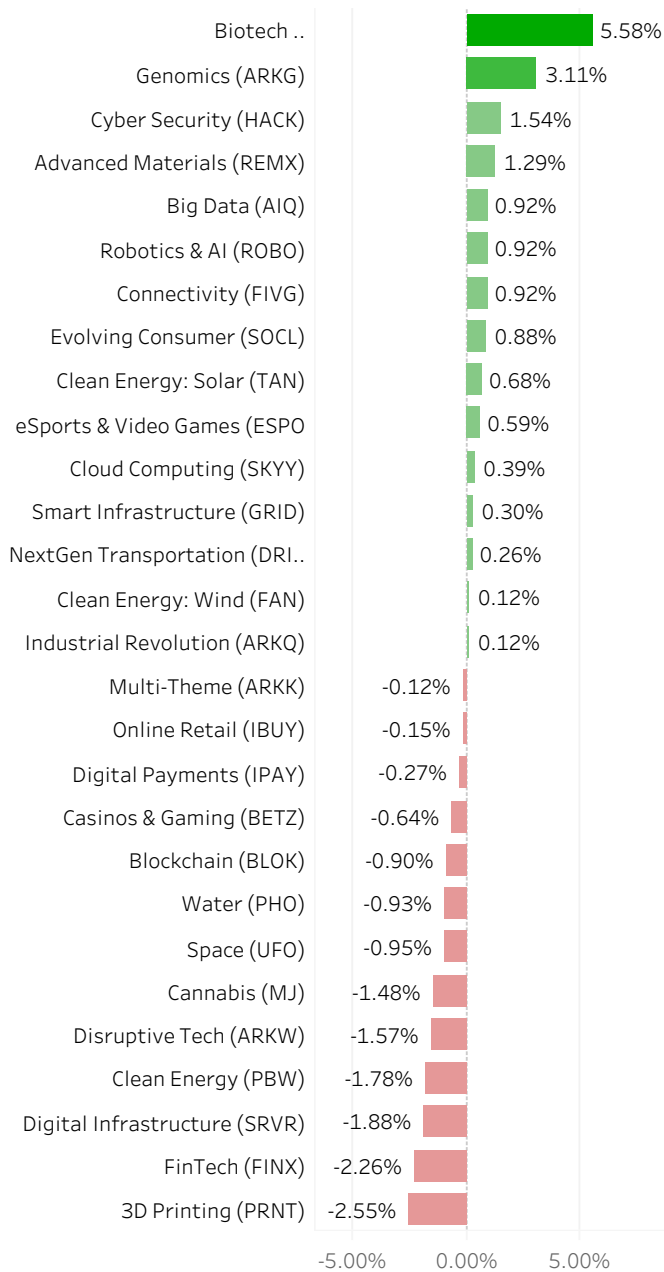


Multi-Sector

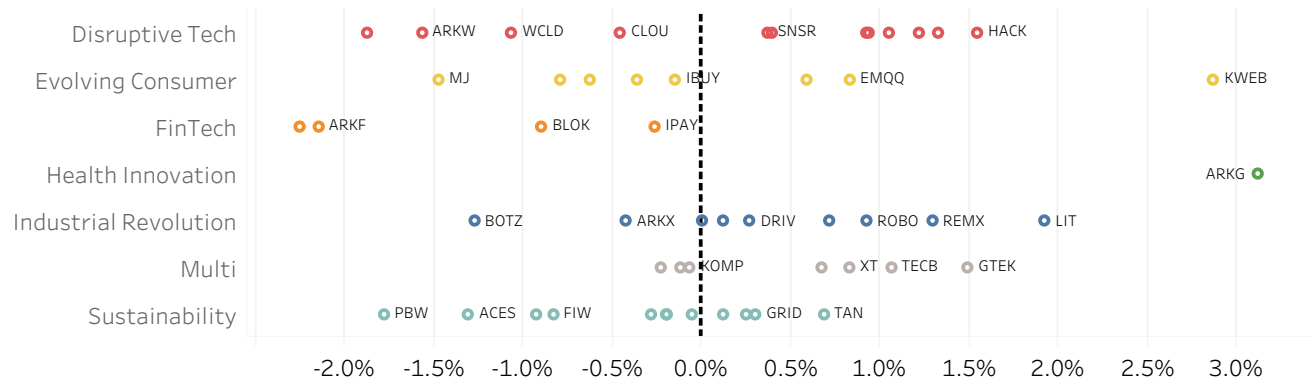


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Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	Performance
SBIO	ALPS Medical Breakthroughs ETF	5.58%
GNOM	Global X Genomics & Biotechnology ETF	3.34%
KSTR	KraneShares SSE STAR Market 50 Index ETF	3.15%
ARKG	ARK Genomic Revolution ETF	3.11%
IDNA	iShares Genomics Immunology and Healthcare ETF Geno..	2.97%
KWEB	KraneShares CSI China Internet ETF	2.86%
KGRN	KraneShares MSCI China Clean Technology Index ETF	2.20%
LIT	Global X Lithium & Battery Tech ETF	1.92%
GDOC	Goldman Sachs Future Health Care Equity ETF	1.66%
HTEC	ROBO Global Healthcare Technology and Innovation ETF	1.59%

Thematic Most Overbought

Ticker	Fund	Price
KSTR	KraneShares SSE STAR Market 50 Index ETF	42.53
KWEB	KraneShares CSI China Internet ETF	40.01
LIT	Global X Lithium & Battery Tech ETF	38.96
KGRN	KraneShares MSCI China Clean Technology Index ETF	37.43
QTUM	Defiance Quantum ETF	37.36
IDRV	iShares Self-driving EV & Tech ETF	36.77
FIVG	Defiance Next Gen Connectivity ETF	36.26
NXTG	First Trust Indxx NextG ETF	36.23
SOCL	Global X Social Media ETF	35.52
TAN	Invesco Solar ETF	35.04

Global Thematic 1-Day Performance Laggards

Ticker	Fund	Performance
GBUY	Goldman Sachs Future Consumer Equity ETF	-4.13%
PRNT	3D Printing ETF	-2.55%
FINX	Global X FinTech ETF	-2.26%
YOLO	AdvisorShares Pure Cannabis ETF	-2.24%
ARKF	ARK Fintech Innovation ETF	-2.15%
SRVR	Pacer Benchmark Data & Infrastructure Real Estate S..	-1.88%
BITQ	Bitwise Crypto Industry Innovators ETF	-1.84%
PBW	Invesco WilderHill Clean Energy ETF	-1.78%
ARKW	ARK Next Generation Internet ETF	-1.57%
BKCH	Global X Blockchain ETF	-1.55%

Thematic Most Oversold

Ticker	Fund	Price
YOLO	AdvisorShares Pure Cannabis ETF	17.67
CNBS	Amplify Seymour Cannabis ETF	19.41
GBUY	Goldman Sachs Future Consumer Equity ETF	19.83
PAWZ	ProShares Pet Care ETF	21.15
GDOC	Goldman Sachs Future Health Care Equity ETF	22.36
MSOS	AdvisorShares Pure US Cannabis ETF	23.24
AWAY	ETFMG Travel Tech ETF	23.64
POTX	Global X Cannabis ETF	23.65
BITQ	Bitwise Crypto Industry Innovators ETF	23.91
PRNT	3D Printing ETF	23.95

* 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	
ARKK	ARK Innovation ETF	\$401M
KWEB	KraneShares CSI China Internet ETF	\$57M
LIT	Global X Lithium & Battery Tech ETF	\$48M
CIBR	First Trust NASDAQ Cybersecurity ETF	\$19M
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	\$13M
KOMP	SPDR S&P Kensho New Economies Composite ETF	\$7M
TARK	AXS 2X Innovation ETF	\$6M
AWAY	ETFMG Travel Tech ETF	\$3M
SAMT	Strategas Macro Thematic Opportunities ETF	\$3M
ONLN	ProShares Online Retail ETF	\$3M

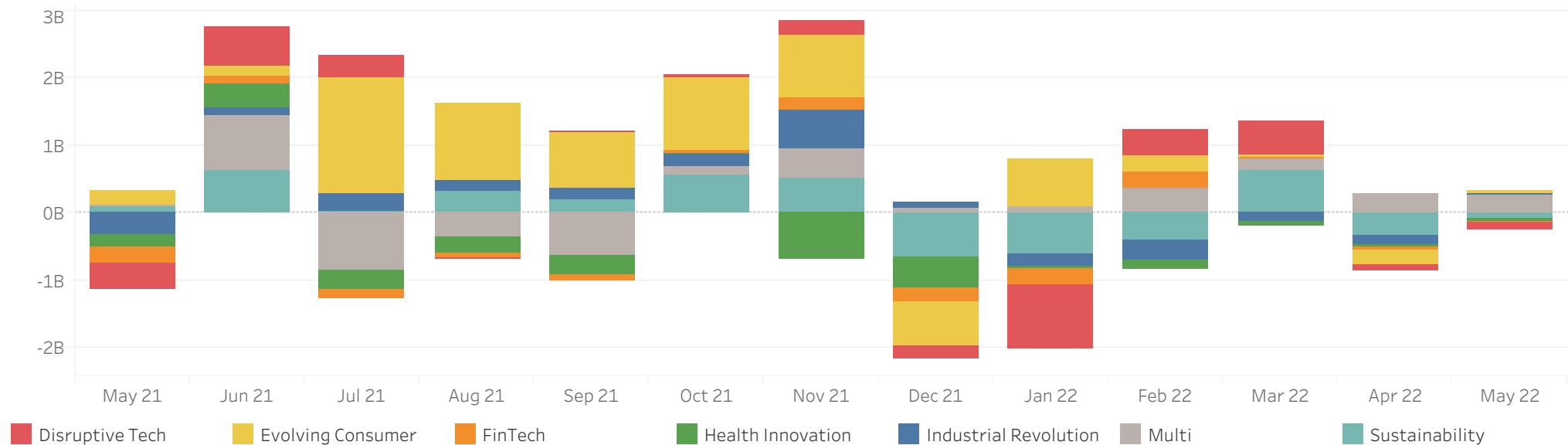
Thematic 1 Week Flow Laggards

Ticker	Fund	
XT	iShares Exponential Technologies ETF	(\$52M)
ICLN	iShares Global Clean Energy ETF	(\$43M)
ARKG	ARK Genomic Revolution ETF	(\$20M)
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure Index	(\$18M)
ARKW	ARK Next Generation Internet ETF	(\$15M)
SKYY	First Trust Cloud Computing ETF	(\$14M)
ARKQ	ARK Autonomous Technology & Robotics ETF	(\$14M)
HACK	ETFMG Prime Cyber Security ETF	(\$13M)
SNSR	Global X Internet of Things ETF	(\$13M)
ROBO	ROBO Global Robotics & Automation Index ETF	(\$12M)

Thematic Landscape Assets & Flows

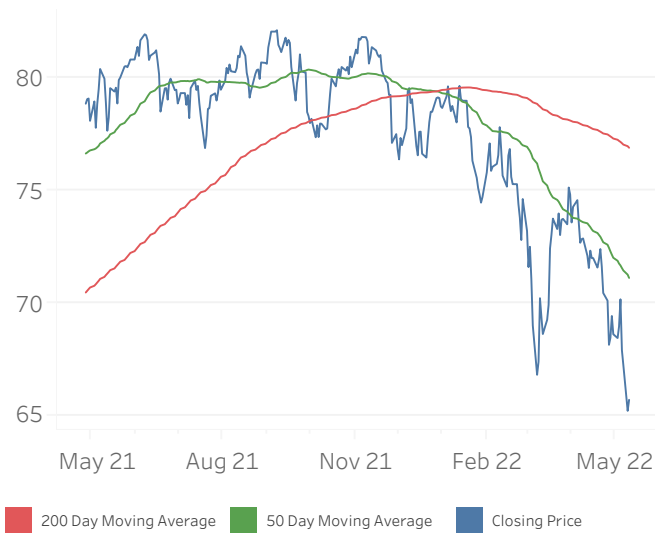
Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	35	\$19B	(\$64M)	\$453M	(\$950M)	\$352M
Evolving Consumer	47	\$10B	\$24M	(\$211M)	\$840M	\$6,211M
FinTech	24	\$3B	(\$13M)	\$100M	(\$209M)	(\$442M)
Health Innovation	19	\$3B	(\$43M)	(\$204M)	(\$1,416M)	(\$2,048M)
Industrial Revolution	32	\$12B	\$23M	(\$303M)	(\$231M)	\$450M
Multi	41	\$15B	\$218M	\$1,162M	\$1,831M	\$806M
Sustainability	40	\$17B	(\$69M)	(\$8M)	(\$1,332M)	\$922M
Grand Total	238	\$79B	\$77M	\$990M	(\$1,466M)	\$6,252M

Thematic Monthly Flows

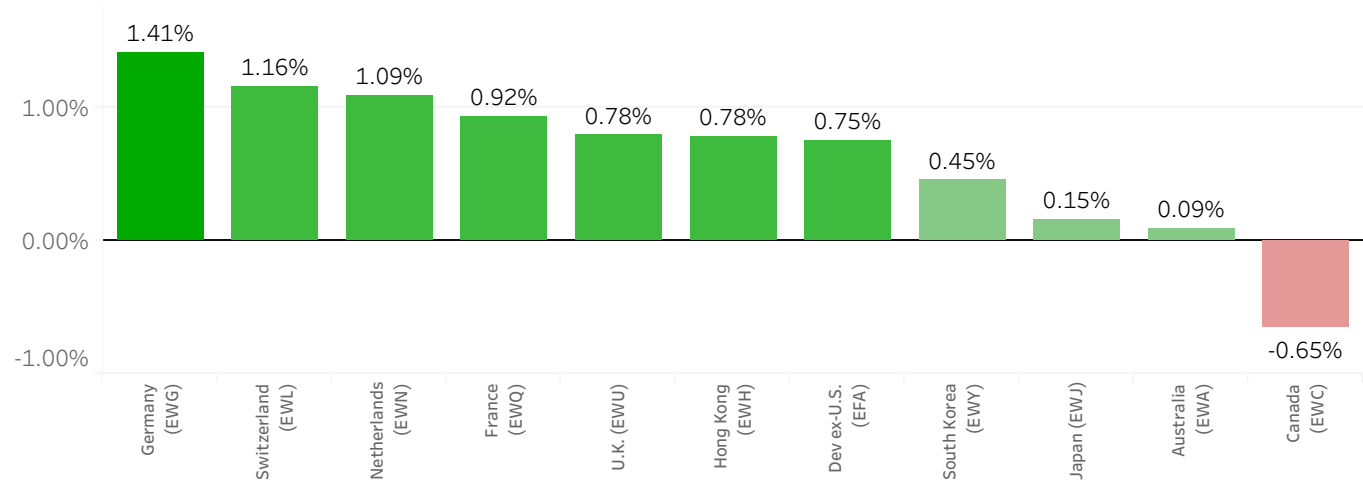


* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

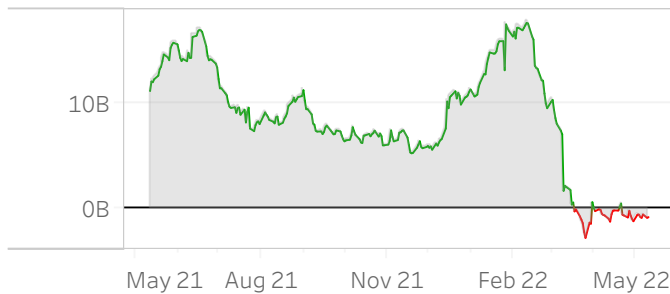
Developed ex-U.S. (EFA)



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



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



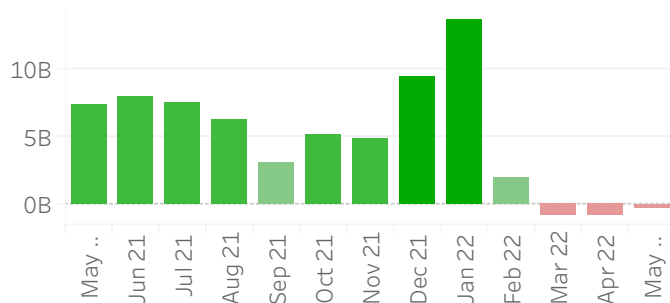
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
FSZ	First Trust Switzerland AlphaDEX Fund	5.36%
FKU	First Trust United Kingdom AlphaDEX Fund	2.69%
CIL	VictoryShares International Volatility Wtd ETF	1.86%
HEWG	iShares Currency Hedged MSCI Germany ETF	1.75%
EWD	iShares MSCI Sweden ETF	1.65%
HEDJ	WisdomTree Europe Hedged Equity Fund	1.47%
FDD	First Trust Stoxx European Select Dividend Index Fund	1.42%
EWI	iShares MSCI Italy ETF	1.41%
EWG	iShares MSCI Germany ETF	1.41%
IHDG	WisdomTree International Hedged Quality Dividend Growth ..	1.34%

Developed ex-U.S. Most Overbought

Ticker	Fund	Value
DXJ	WisdomTree Japan Hedged Equity Fund	45.73
LVHI	Legg Mason International Low Volatility High Dividend ETF	44.33
HEWJ	iShares Currency Hedged MSCI Japan ETF	43.44
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	43.29
HEWJ	iShares Currency Hedged MSCI Germany ETF	39.71
HEDJ	WisdomTree Europe Hedged Equity Fund	39.57
DFJ	WisdomTree Japan SmallCap Dividend Fund	38.85
GREK	Global X MSCI Greece ETF	38.53
EWJV	iShares MSCI Japan Value ETF	38.30
AIVI	WisdomTree International AI Enhanced Value Fund	38.18

Developed ex-U.S. Monthly Flows



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

Ticker	Fund	1-Day Performance
EWS	iShares MSCI Singapore ETF	-1.03%
EWJV	iShares MSCI Japan Value ETF	-1.00%
FYLD	Cambria Foreign Shareholder Yield ETF	-0.83%
EWC	iShares MSCI Canada ETF	-0.65%
BBCA	JPMorgan BetaBuilders Canada ETF	-0.62%
ENZL	iShares MSCI New Zealand ETF	-0.56%
DXJ	WisdomTree Japan Hedged Equity Fund	-0.37%
ISVL	iShares International Developed Small Cap Value Factor E..	-0.21%
GWX	SPDR S&P International Small Cap ETF	-0.20%
WPS	iShares International Developed Property ETF	-0.16%

Developed ex-U.S. Most Oversold

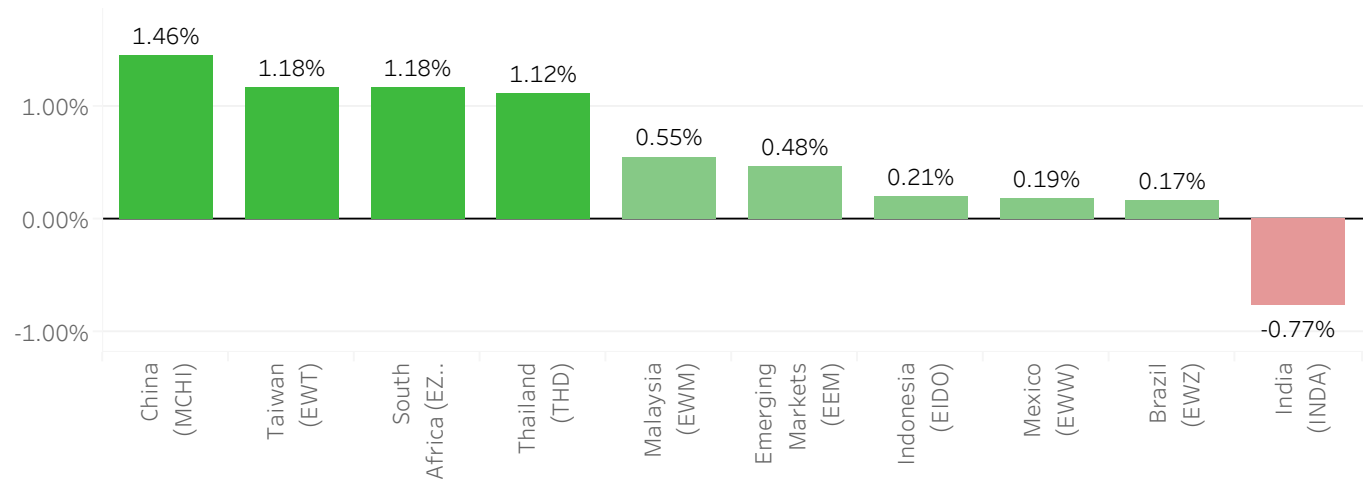
Ticker	Fund	Value
WPS	iShares International Developed Property ETF	17.52
EWUS	iShares MSCI United Kingdom Small Cap ETF	20.85
ENZL	iShares MSCI New Zealand ETF	22.82
EIS	iShares MSCI Israel ETF	23.43
IEUS	iShares MSCI Europe Small-Cap ETF	24.39
ISRA	VanEck Israel ETF	24.73
SCHC	Schwab International Small-Cap Equity ETF	25.95
NORW	Global X MSCI Norway ETF	26.59
SCZ	iShares MSCI EAFE Small-Cap ETF	26.72
DFE	WisdomTree Europe SmallCap Dividend Fund	26.72

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

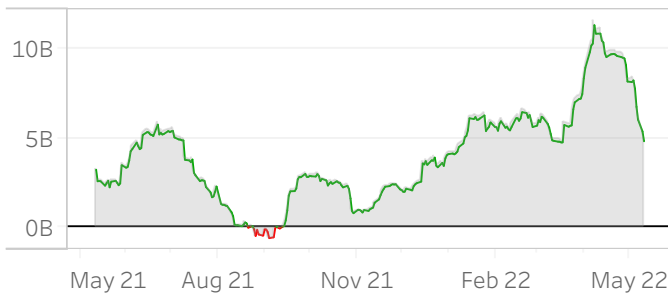
Emerging (EEM)



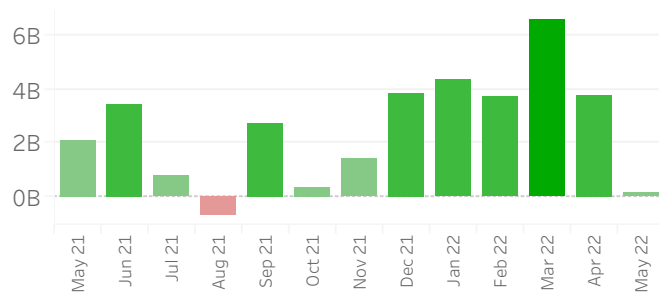
Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Leaders

Ticker	Fund	Performance
RAYC	Rayliant Quantamental China Equity ETF	2.14%
PGJ	Invesco Golden Dragon China ETF	2.02%
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	1.79%
FNI	First Trust Chindia ETF	1.74%
CNYA	iShares MSCI China A ETF	1.67%
KBA	KraneShares Bosera MSCI China A 50 Connect Index ETF	1.64%
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	1.62%
MCHI	iShares MSCI China ETF	1.46%
ADRE	Invesco BDRS Emerging Markets 50 ADR Index Fund	1.41%
PIE	Invesco DWA Emerging Markets Momentum ETF	1.28%

Emerging Most Overbought

Ticker	Fund	Price
TUR	iShares MSCI Turkey ETF	49.98
KSA	iShares MSCI Saudi Arabia ETF	45.77
QAT	iShares MSCI Qatar ETF	44.57
FXI	iShares China Large-Cap ETF	37.04
MCHI	iShares MSCI China ETF	36.76
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	36.64
PGJ	Invesco Golden Dragon China ETF	36.43
FLCH	Franklin FTSE China ETF	36.40
ECH	iShares MSCI Chile ETF	36.28
GXC	SPDR S&P China ETF	35.90

Emerging 1-Day Performance Laggards

Ticker	Fund	Performance
GLIN	VanEck India Growth Leaders ETF	-2.61%
KSA	iShares MSCI Saudi Arabia ETF	-2.03%
SMIN	iShares MSCI India Small Cap ETF	-1.65%
NFTY	First Trust India NIFTY 50 Equal Weight ETF	-1.45%
PIN	Invesco India ETF	-1.29%
EPI	WisdomTree India Earnings Fund	-1.27%
EPOL	iShares MSCI Poland ETF	-1.19%
INDA	iShares MSCI India ETF	-0.77%
IDX	VanEck Indonesia Index ETF	-0.53%
EPOL	iShares MSCI Poland ETF	-0.40%

Emerging Most Oversold

Ticker	Fund	Price
EPOL	iShares MSCI Poland ETF	18.31
FM	iShares MSCI Frontier and Select EM ETF	21.47
SMIN	iShares MSCI India Small Cap ETF	22.84
GLIN	VanEck India Growth Leaders ETF	22.93
AFK	VanEck Africa Index ETF	23.94
LDEM	iShares ESG MSCI EM Leaders ETF	25.73
EPOL	iShares MSCI Poland ETF	25.75
PIN	Invesco India ETF	25.82
INDA	iShares MSCI India ETF	26.94
EMXC	iShares MSCI Emerging Markets ex China ETF	27.39

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

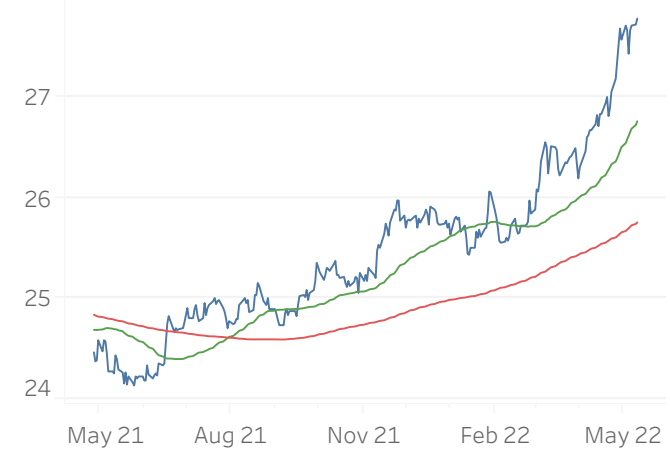
Fixed Income (AGG)



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	0.30%	-2.07%	-9.70%
SHY	1-3 Year Treasury Bonds	-0.06%	0.03%	-2.77%
IEF	7-10 Year Treasury Bonds	0.33%	-1.77%	-10.77%
TLT	20+ Year Treasury Bonds	0.91%	-7.36%	-21.45%
TIP	TIPS Bonds	-0.45%	-2.89%	-7.50%
FLOT	Floating Rate Bonds	-0.08%	-0.09%	-0.37%
LQD	Investment Grade Corporate	0.42%	-4.50%	-15.03%
HYG	High Yield Corporate	0.57%	-3.40%	-9.90%
BKLN	Senior Loan	0.05%	-2.89%	-3.18%
PFF	Preferred & Income Securities	0.64%	-6.75%	-15.43%
MUB	Municipal Bonds	-0.17%	-2.65%	-8.68%
MBB	MBS	0.32%	-1.48%	-8.39%
EMB	Dollar Denominated EM Bonds	0.50%	-6.07%	-17.15%
LEMB	Local Currency EM Bond	-0.32%	-6.09%	-12.65%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	-0.38%	-2.33%	28.50%
DBE	Energy	-1.34%	6.00%	46.78%
USO	WTI Crude Oil	-2.66%	0.57%	37.10%
BNO	Brent Crude Oil	-2.92%	0.17%	39.93%
UNG	Natural Gas	1.97%	12.22%	98.48%
UGA	Gasoline	-3.03%	13.41%	53.03%
DBP	Precious Metals	-1.30%	-7.70%	-2.37%
GLD	Gold	-0.84%	-5.54%	0.27%
SLV	Silver	-2.40%	-14.33%	-9.11%
PPLT	abrdn Physical Platin..	1.58%	-1.28%	-0.09%
PALL	abrdn Physical Palla..	-2.48%	-15.04%	8.50%
DBB	Base Metals	-0.64%	-15.56%	-2.02%
CPER	Copper	-0.90%	-12.00%	-7.28%
LD	Lead	4.05%	-8.06%	-4.29%
JJN	Nickel	0.39%	-17.25%	36.26%
JJU	Aluminum	0.34%	-17.33%	-0.72%
JJT	Tin	-4.92%	-19.56%	-9.40%
DBA	Agriculture	0.70%	-3.89%	8.76%
CORN	Corn	1.28%	0.78%	32.59%
SOYB	Soybeans	0.77%	-2.98%	20.09%
WEAT	Wheat	2.15%	3.61%	47.63%
CANE	Sugar	-0.11%	-7.33%	1.74%
BAL	Cotton	-2.34%	8.19%	29.93%
NIB	Cocoa	0.11%	-9.58%	-7.34%
JO	Coffee	0.18%	-11.70%	-8.74%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	0.22%	4.16%	8.39%
UDN	Short Dollar	-0.23%	-4.20%	-8.32%
FXE	Euro	-0.22%	-3.22%	-7.73%
FXB	British Pound Sterling	-0.19%	-5.59%	-9.07%
FXF	Swiss Franc	-0.21%	-6.28%	-8.78%
FXJ	Japanese Yen	-0.15%	-4.67%	-11.87%
FXC	Canadian Dollar	-0.15%	-3.48%	-3.07%
FXA	Australian Dollar	-0.24%	-7.04%	-4.64%

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