

Large Cap Blend (S&P 500) IVV



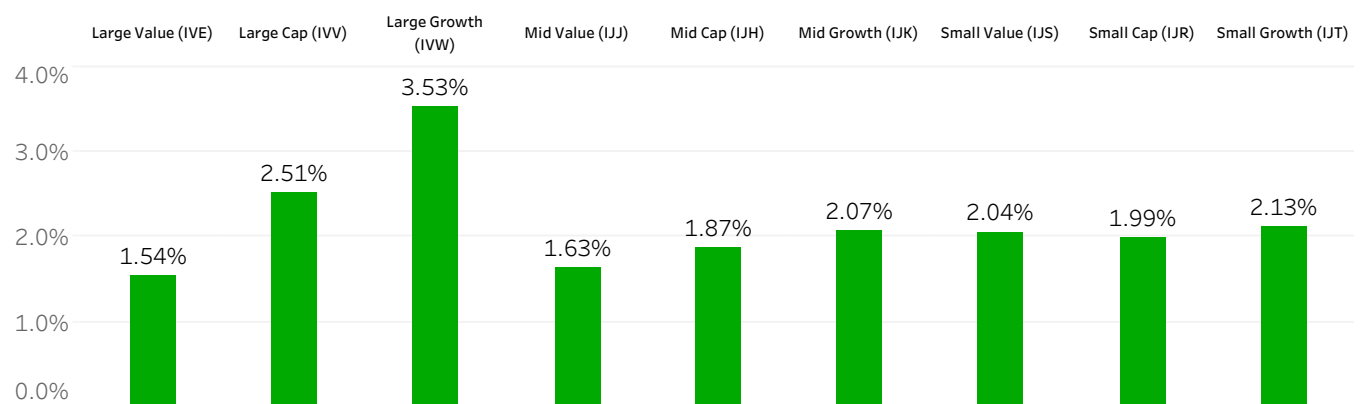
Mid Cap Blend (S&P 400) IJH



Small Cap Blend (S&P 600) IJR



U.S. Size & Style 1-Day Performance



Size & Style 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
QQH	HCM Defender 100 Index ETF	4.22%
MGK	Vanguard Mega Cap Growth ETF	3.73%
IPO	Renaissance IPO ETF	3.72%
SPHB	Invesco S&P 500 High Beta ETF	3.62%
IWY	iShares Russell Top 200 Growth ETF	3.57%
SCHG	Schwab U.S. Large-Cap Growth ETF	3.55%
QQQ	Invesco QQQ Trust	3.55%
VOOG	Vanguard S&P 500 Growth ETF	3.55%
VUG	Vanguard Growth ETF	3.54%
IVW	iShares S&P 500 Growth ETF	3.53%

Size & Style Most Overbought

Ticker	Fund	Value
LVHD	Legg Mason Low Volatility High Dividend ETF	52.38
SPHD	Invesco S&P 500 High Dividend Low Volatility ETF	51.47
SPLV	Invesco S&P 500 Low Volatility ETF	51.24
HUSV	First Trust Horizon Managed Volatility Domestic ETF	50.85
RDIV	Invesco S&P Ultra Dividend Revenue ETF	50.35
VSDA	VictoryShares Dividend Accelerator ETF	50.01
TPHD	Timothy Plan High Dividend Stock ETF	49.41
TPHE	Timothy Plan High Dividend Stock Enhanced ETF	49.35
SPYD	SPDR Portfolio S&P 500 High Dividend ETF	49.33
SDOG	ALPS Sector Dividend Dogs ETF	49.14

Size & Style 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
PABU	iShares Paris-Aligned Climate MSCI USA ETF	-2.09%
ONOF	Global X Adaptive U.S. Risk Management ETF	-0.47%
SPC	CrossingBridge Pre-Merger SPAC ETF	-0.15%
PTNQ	Pacer Trendpilot 100 ETF	-0.11%
PTMC	Pacer Trendpilot US Mid Cap ETF	0.06%
UTRN	Vesper U.S. Large Cap Short-Term Reversal Strategy ETF	0.38%
DIV	Global X SuperDividend US ETF	0.63%
QQXT	First Trust Nasdaq-100 Ex-Technology Sector Index Fund	0.70%
DIVZ	TrueShares Low Volatility Equity Income ETF	0.77%
XRLV	Invesco S&P 500 ex-Rate Sensitive Low Volatility ETF	0.80%

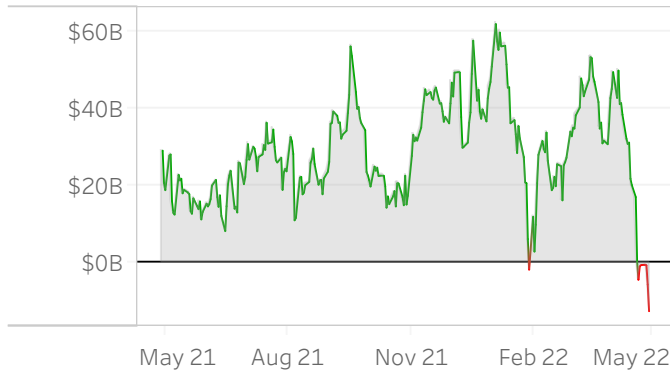
Size & Style Most Oversold

Ticker	Fund	Value
FFTY	Innovator IBD 50 ETF	29.73
IWC	iShares Micro-Cap ETF	34.93
PABU	iShares Paris-Aligned Climate MSCI USA ETF	35.86
ACSI	American Customer Satisfaction ETF	36.14
SIXS	ETC 6 Meridian Small Cap Equity ETF	36.99
BUZZ	VanEck Social Sentiment ETF	37.20
ABEQ	Absolute Core Strategy ETF	37.48
RZG	Invesco S&P Smallcap 600 Pure Growth ETF	37.72
MXDU	Nationwide Maximum Diversification US Core Equit..	37.77
IWO	iShares Russell 2000 Growth ETF	37.88

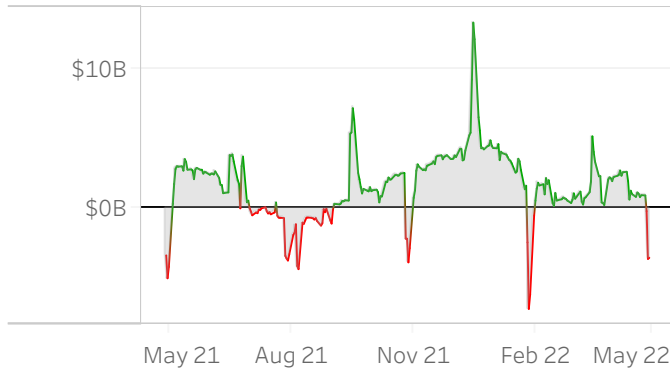
■ Closing Price
 ■ 50 Day Moving Average
 ■ 200 Day Moving Average

*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	\$1,229B	(\$1.82B)	\$10.58B	\$36.79B	\$114.17B
Large Cap, Beta Growth, Beta: Growth	10	\$226B	\$0.30B	\$4.11B	\$3.94B	\$13.29B
Large Cap, Beta Growth, Beta: Value	11	\$220B	\$0.10B	\$9.10B	\$16.18B	\$27.96B
Mid Cap, Beta, Beta	10	\$178B	(\$0.64B)	\$1.27B	\$6.80B	\$9.29B
Mid Cap, Beta, Beta: Growth	6	\$33B	(\$0.13B)	(\$0.37B)	\$0.02B	(\$0.57B)
Mid Cap, Beta, Beta: Value	6	\$41B	(\$0.10B)	(\$0.45B)	\$0.11B	\$1.30B
Small Cap, Beta, Beta	12	\$195B	(\$0.86B)	(\$2.31B)	\$4.12B	\$11.98B
Small Cap, Beta, Beta: Growth	7	\$31B	(\$0.03B)	\$0.18B	\$0.69B	\$0.41B
Small Cap, Beta, Beta: Value	7	\$52B	(\$0.28B)	(\$3.48B)	(\$1.96B)	(\$1.58B)

U.S. Size & Style Flow Leaders

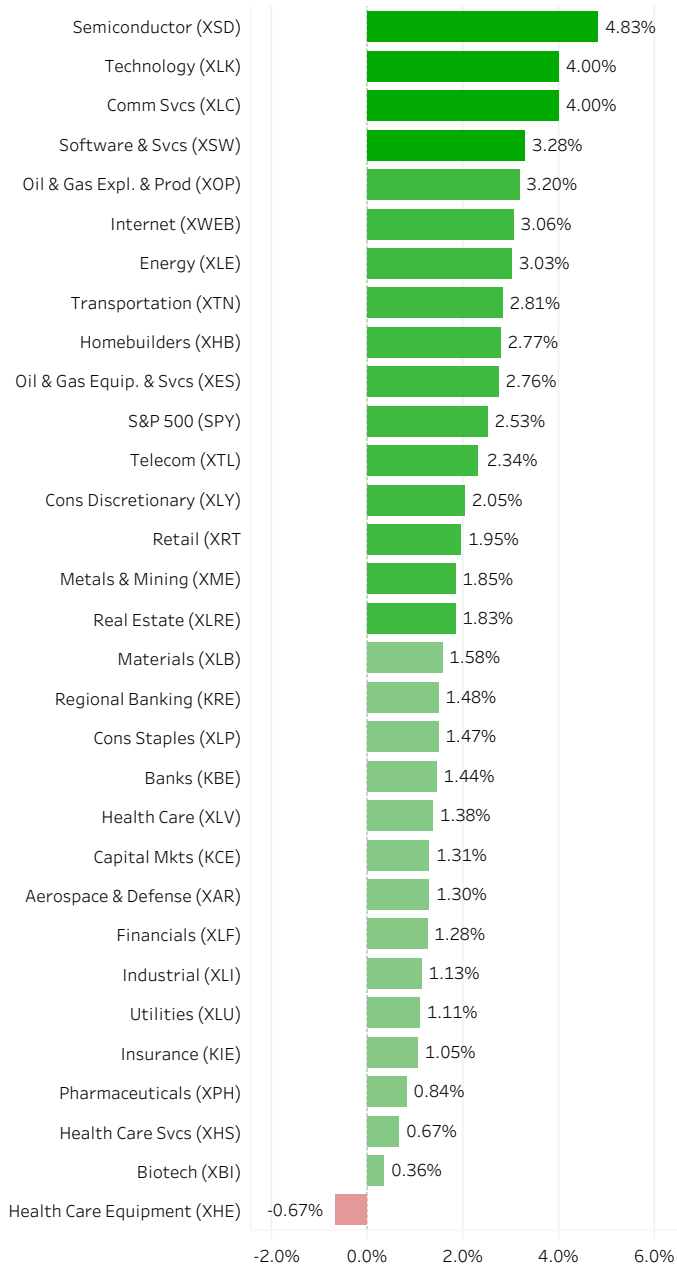
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
SDY	SPDR S&P Dividend ETF	\$2.31B	\$1.37B	\$2.23B	\$2.10B	\$23.56B
QQQ	Invesco QQQ Trust	\$1.46B	\$6.80B	\$7.50B	\$22.30B	\$171.49B
VOO	Vanguard S&P 500 ETF	\$1.11B	\$10.66B	\$17.36B	\$41.38B	\$259.69B
VTI	Vanguard Total Stock Market ETF	\$0.65B	\$6.13B	\$20.40B	\$40.60B	\$269.11B
FNDA	Schwab Fundamental US Small Co. Index ETF	\$0.46B	\$0.57B	\$0.70B	\$0.98B	\$5.13B
PTLC	Pacer Trendpilot US Large Cap ETF	\$0.46B	\$0.45B	\$0.42B	\$0.34B	\$2.28B
ESGU	iShares ESG Aware MSCI USA ETF	\$0.40B	\$1.31B	\$3.22B	\$8.02B	\$23.79B
FNDX	Schwab Fundamental US Large Co. Index ETF	\$0.39B	\$0.20B	\$1.83B	\$2.86B	\$9.78B
SCHD	Schwab US Dividend Equity ETF	\$0.28B	\$3.39B	\$5.39B	\$10.59B	\$34.61B
IWM	iShares Russell 2000 ETF	\$0.27B	(\$3.07B)	(\$2.90B)	(\$1.11B)	\$55.09B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
SPY	SPDR S&P 500 ETF Trust	(\$3.69B)	(\$11.14B)	(\$3.92B)	\$15.90B	\$374.05B
SCHX	Schwab U.S. Large-Cap ETF	(\$1.03B)	(\$0.34B)	\$0.10B	\$1.76B	\$30.46B
VTWO	Vanguard Russell 2000 ETF	(\$0.61B)	\$0.04B	\$0.75B	\$1.96B	\$5.95B
MDY	SPDR S&P Midcap 400 ETF Trust	(\$0.59B)	(\$0.92B)	(\$1.03B)	(\$2.08B)	\$18.12B
SCHA	Schwab U.S. Small-Cap ETF	(\$0.37B)	(\$0.03B)	\$0.42B	\$1.47B	\$14.68B
IWS	iShares Russell Mid-Cap Value ETF	(\$0.30B)	(\$0.50B)	(\$0.20B)	(\$0.22B)	\$13.86B
IWN	iShares Russell 2000 Value ETF	(\$0.26B)	(\$1.52B)	(\$1.67B)	(\$2.55B)	\$12.91B
IWD	iShares Russell 1000 Value ETF	(\$0.23B)	(\$1.15B)	(\$0.37B)	\$0.97B	\$54.44B
IJH	iShares Core S&P Mid-Cap ETF	(\$0.20B)	\$0.23B	\$1.80B	\$1.70B	\$61.32B
HDV	iShares Core High Dividend ETF	(\$0.13B)	\$1.79B	\$1.83B	\$2.23B	\$9.75B

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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)
XLP	Consumer Staples Select Sector SPDR Fund	-0.94%	16.00%	4.86%	8.13%	61.65
XLB	Materials Select Sector SPDR Fund	-4.24%	9.68%	1.07%	1.46%	48.16
XLU	Utilities Select Sector SPDR Fund	-4.55%	16.18%	1.73%	6.68%	45.77
XLE	Energy Select Sector SPDR Fund	-4.80%	68.44%	2.44%	26.82%	51.30
XLRE	Real Estate Select Sector SPDR Fund	-5.50%	19.30%	3.26%	3.09%	52.51
XLV	Health Care Select Sector SPDR Fund	-6.37%	10.22%	-0.49%	0.32%	43.91
XLI	Industrial Select Sector SPDR Fund	-8.77%	2.23%	-2.38%	-4.62%	40.72
SPY	SPDR S&P 500 ETF Trust	-10.45%	5.53%	-2.25%	-4.71%	43.18
XLF	Financial Select Sector SPDR Fund	-13.71%	1.79%	-5.33%	-7.49%	35.79
XLK	Technology Select Sector SPDR Fund	-16.46%	12.38%	-2.42%	-6.89%	47.39
XLY	Consumer Discretionary Select Sector SPDR Fund	-18.83%	5.15%	-3.31%	-8.66%	41.68
XLC	Communication Services Select Sector SPDR Fund	-28.96%	4.00%	-8.28%	-19.60%	37.10

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
FTXL	First Trust Nasdaq Semiconductor ETF	6.01%
SOXQ	Invesco PHLX Semiconductor ETF	5.57%
SOXX	iShares Semiconductor ETF	5.51%
PSI	Invesco Dynamic Semiconductors ETF	5.37%
QTEC	First Trust NASDAQ-100 Technology Sector Index ..	5.00%
XSD	SPDR S&P Semiconductor ETF	4.83%
XNTK	SPDR NYSE Technology ETF	4.69%
IYW	iShares U.S. Technology ETF	4.65%
FDN	First Trust Dow Jones Internet Index Fund	4.64%
PNQI	Invesco NASDAQ Internet ETF	4.64%

Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
RHS	Invesco S&P 500 Equal Weight Consumer Staples ETF	63.31
IYK	iShares U.S. Consumer Staples ETF	62.98
XLP	Consumer Staples Select Sector SPDR Fund	61.65
FSTA	FIDELITY COVINGTON TRUST MSCI CONSUMER STAPLES..	59.83
VDC	Vanguard Consumer Staples ETF	59.61
FXG	First Trust Consumer Staples AlphaDEX Fund	58.96
FTXG	First Trust Nasdaq Food & Beverage ETF	58.46
PBJ	Invesco Dynamic Food & Beverage ETF	54.87
INDS	Pacer Benchmark Industrial Real Estate SCTR ETF	54.35
PXE	Invesco Dynamic Energy Exploration & Production ETF	53.65

Sector & Industry 1 Day Performance Laggards

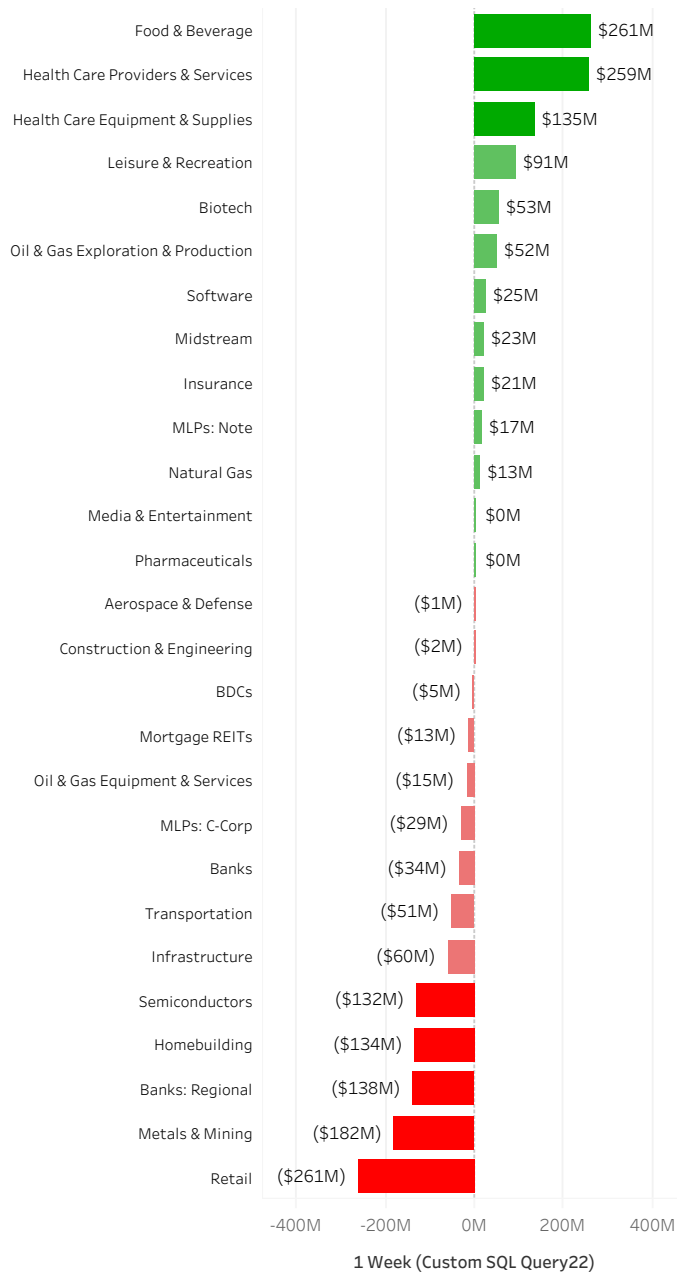
Ticker	Fund	1 Day Performance
XHE	SPDR S&P Health Care Equipment ETF	-0.67%
PSCH	Invesco S&P SmallCap Health Care ETF	-0.14%
IBB	iShares Biotechnology ETF	0.00%
FBT	First Trust NYSE Arca Biotechnology Index Fund	0.03%
IYZ	iShares U.S. Telecommunications ETF	0.30%
XBI	SPDR S&P BIOTECH ETF	0.36%
PBE	Invesco Dynamic Biotechnology & Genome ETF	0.37%
PTH	Invesco DWA Healthcare Momentum ETF	0.38%
IHF	iShares U.S. Healthcare Providers ETF	0.40%
BIZD	VanEck BDC Income ETF	0.53%

Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
IYZ	iShares U.S. Telecommunications ETF	27.79
PSCH	Invesco S&P SmallCap Health Care ETF	32.40
XBI	SPDR S&P BIOTECH ETF	32.55
XHE	SPDR S&P Health Care Equipment ETF	33.15
IBB	iShares Biotechnology ETF	33.51
KBWB	Invesco KBW Bank ETF	34.73
FBT	First Trust NYSE Arca Biotechnology Index Fund	35.04
PTH	Invesco DWA Healthcare Momentum ETF	35.37
VOX	Vanguard Communication Services ETF	35.49
XHS	SPDR S&P Health Care Services ETF	35.50

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U.S. Sector & Industry 1-Week Flows



U.S. Sector Landscape

	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Communication Services	9	\$14B	\$87M	(\$273M)	(\$1,518M)	\$655M
Consumer Discretionary	13	\$27B	(\$1,000M)	(\$2,606M)	(\$3,162M)	(\$3,838M)
Consumer Staples	12	\$29B	\$578M	\$2,616M	\$5,878M	\$7,220M
Energy	34	\$76B	(\$503M)	\$302M	\$4,309M	\$4,618M
Financials	28	\$70B	(\$1,046M)	(\$8,900M)	(\$3,988M)	(\$678M)
Health Care	26	\$89B	\$853M	\$4,302M	\$9,262M	\$12,982M
Industrial	14	\$32B	(\$171M)	\$138M	(\$460M)	(\$4,812M)
Materials	10	\$19B	(\$399M)	\$2,020M	\$2,574M	\$2,548M
Multi-Sector	18	\$16B	(\$155M)	(\$4,296M)	(\$4,240M)	(\$3,000M)
Real Estate	23	\$78B	(\$323M)	(\$1,909M)	\$1,783M	\$8,506M
Technology	24	\$126B	(\$652M)	\$364M	\$169M	\$5,713M
Utilities	10	\$25B	\$380M	\$2,302M	\$3,365M	\$3,510M

U.S. Sector & Industry Flow Leaders

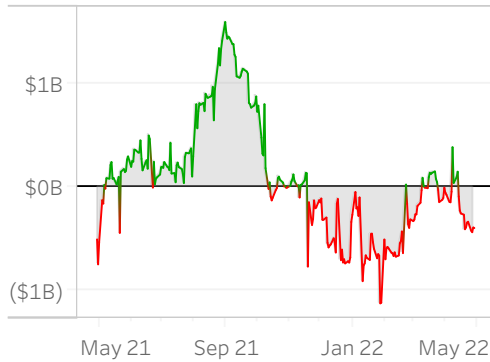
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLU	Utilities Select Sector SPDR Fund	\$414M	\$1,499M	\$2,177M	\$2,000M	\$15,448M
XLV	Health Care Select Sector SPDR Fund	\$262M	\$3,433M	\$6,230M	\$9,652M	\$37,418M
IHF	iShares U.S. Healthcare Providers ETF	\$259M	\$391M	\$404M	\$455M	\$1,636M
FTXG	First Trust Nasdaq Food & Beverage ETF	\$240M	\$366M	\$367M	\$367M	\$810M
XLP	Consumer Staples Select Sector SPDR Fund	\$207M	\$1,337M	\$3,874M	\$5,121M	\$16,967M
VHT	Vanguard Health Care ETF	\$140M	\$432M	\$1,120M	\$2,064M	\$16,761M
XLRE	Real Estate Select Sector SPDR Fund	\$138M	\$214M	\$1,401M	\$2,795M	\$6,012M
IHI	iShares U.S. Medical Devices ETF	\$130M	(\$84M)	(\$20M)	(\$862M)	\$7,480M
XLK	Technology Select Sector SPDR Fund	\$129M	\$1,009M	\$1,122M	\$2,479M	\$42,773M
FCOM	Fidelity MSCI Communication Services Index ETF	\$124M	\$93M	\$43M	\$204M	\$730M

U.S. Sector & Industry Flow Laggards

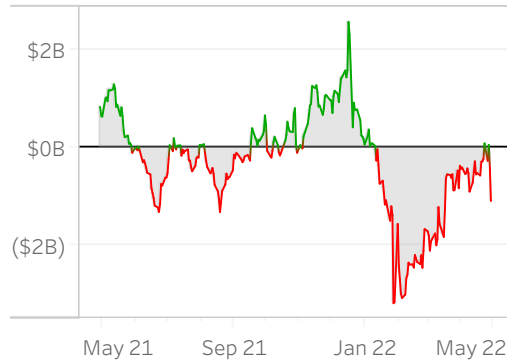
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
VFH	Vanguard Financials ETF	(\$498M)	(\$648M)	(\$166M)	\$400M	\$10,008M
FXD	First Trust Consumer Discretionary AlphaDEX F..	(\$469M)	(\$972M)	(\$1,090M)	(\$987M)	\$619M
XLE	Energy Select Sector SPDR Fund	(\$399M)	(\$2,548M)	(\$627M)	\$214M	\$35,922M
IYW	iShares U.S. Technology ETF	(\$349M)	(\$207M)	(\$283M)	\$264M	\$7,193M
XLF	Financial Select Sector SPDR Fund	(\$348M)	(\$5,237M)	(\$1,697M)	(\$1,441M)	\$37,797M
VGT	Vanguard Information Technology ETF	(\$284M)	\$737M	(\$95M)	\$2,382M	\$45,135M
XRT	SPDR S&P Retail ETF	(\$261M)	\$18M	(\$171M)	(\$100M)	\$500M
IYR	iShares U.S. Real Estate ETF	(\$255M)	(\$1,804M)	(\$1,971M)	(\$1,758M)	\$4,980M
XME	SPDR S&P Metals & Mining ETF	(\$182M)	\$518M	\$671M	\$597M	\$3,187M
VNQ	Vanguard Real Estate ETF	(\$174M)	(\$27M)	\$2,074M	\$5,354M	\$46,810M

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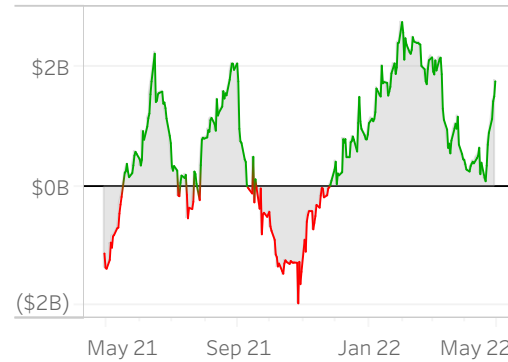
Communication Services



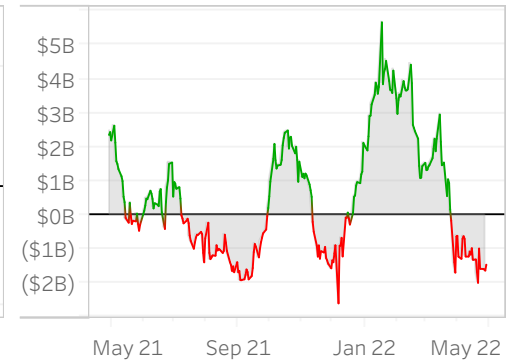
Consumer Discretionary



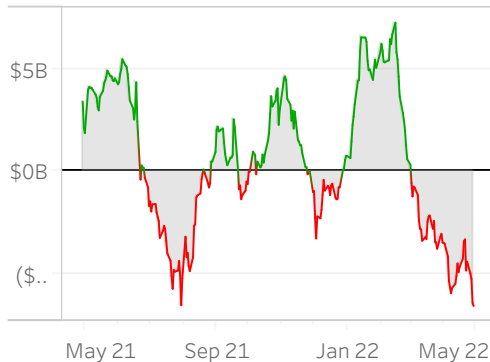
Consumer Staples



Energy



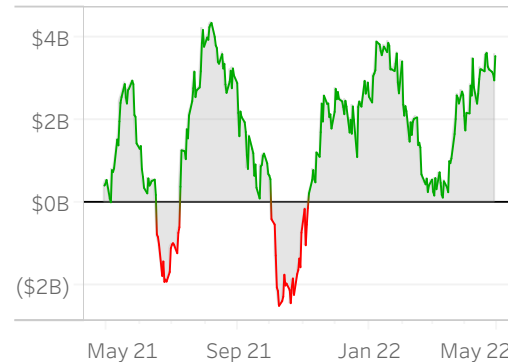
Financials



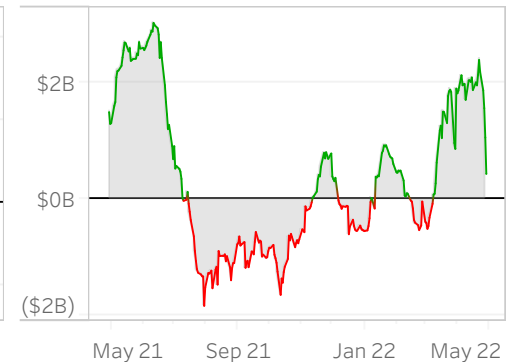
Industrial



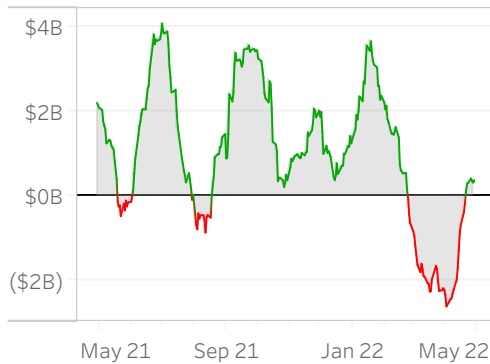
Health Care



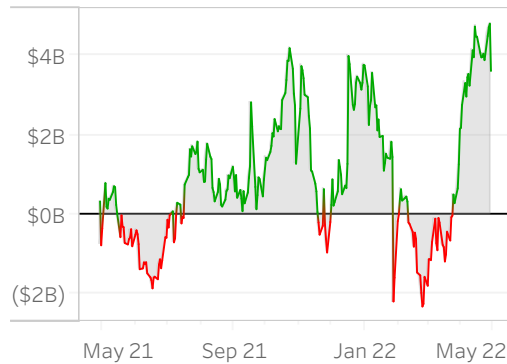
Materials



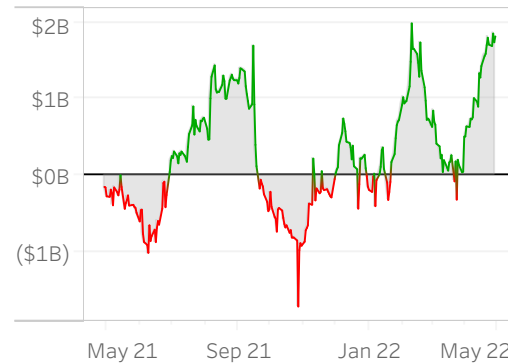
Real Estate



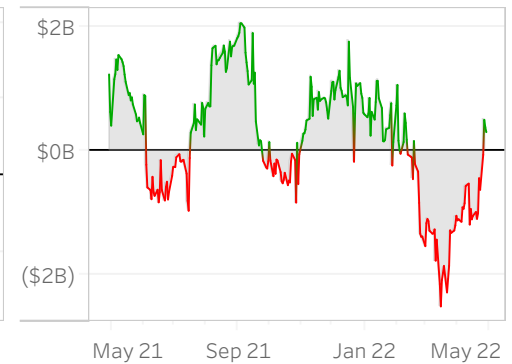
Technology



Utilities

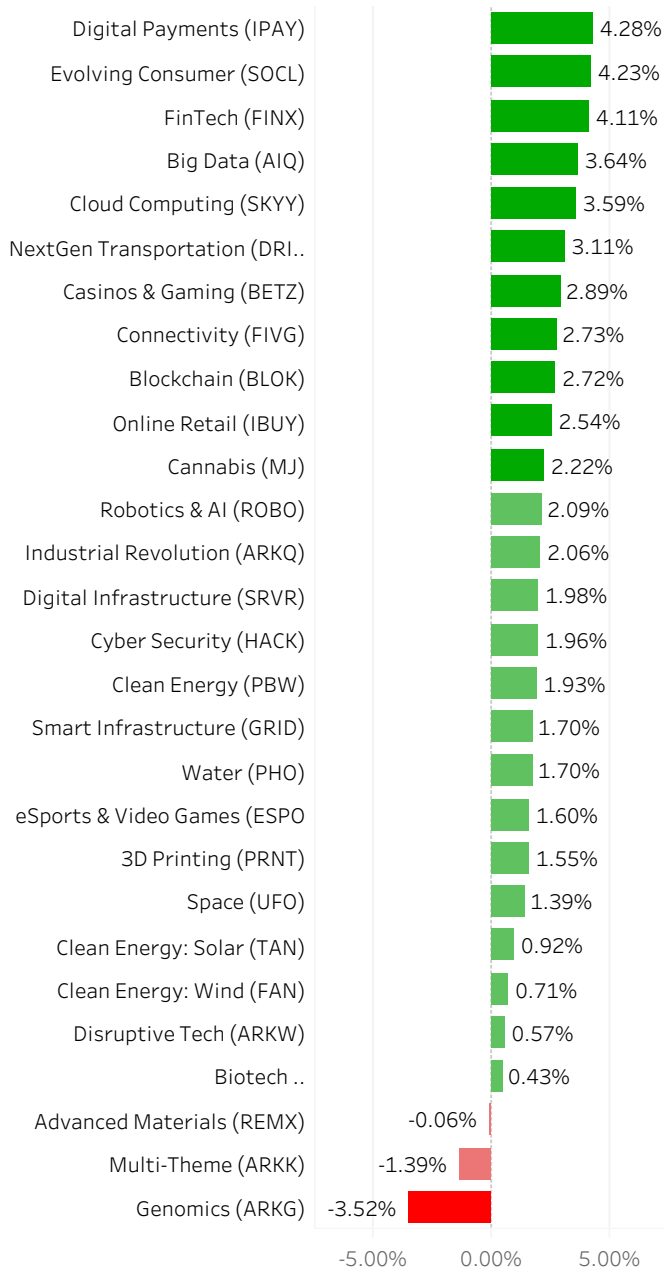


Multi-Sector

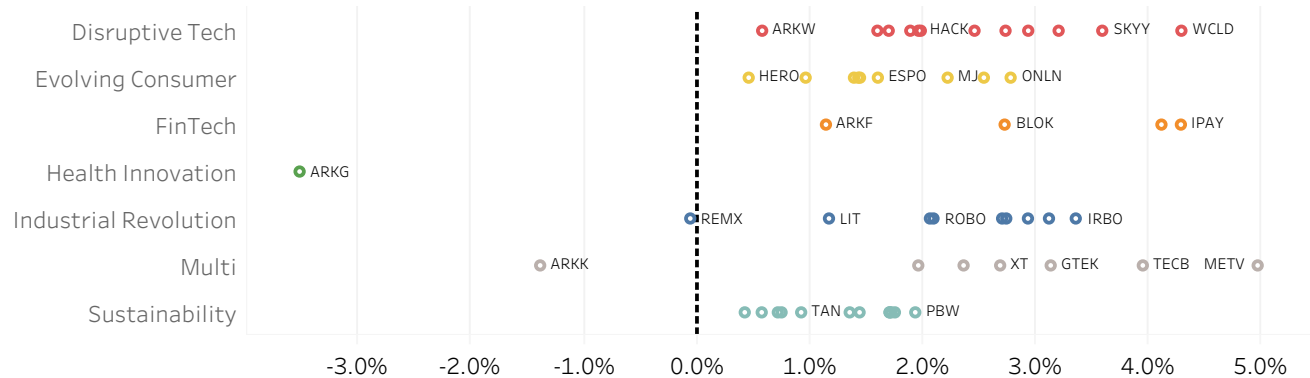


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Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
METV	Roundhill Ball Metaverse ETF	4.96%
WCLD	WisdomTree Cloud Computing Fund	4.29%
IPAY	ETFMG Prime Mobile Payments ETF	4.28%
SOCL	Global X Social Media ETF	4.23%
FINX	Global X FinTech ETF	4.11%
TECB	iShares U.S. Tech Breakthrough Multisector ETF	3.95%
AIQ	Global X Artificial Intelligence & Technology ETF	3.64%
SKYY	First Trust Cloud Computing ETF	3.59%
MILN	Global X Millennial Consumer ETF	3.54%
BJK	VanEck Gaming ETF	3.41%

Thematic Most Overbought

Ticker	Fund	Price
SRVR	Pacer Benchmark Data & Infrastructure Real Estate SCTR ..	48.19
EVX	VanEck Environmental Services ETF	47.84
VPN	Global X Data Center REITs & Digital Infrastructure ETF	46.73
AWAY	ETFMG Travel Tech ETF	45.90
IPAY	ETFMG Prime Mobile Payments ETF	45.52
BUG	Global X Cybersecurity ETF	44.66
BJK	VanEck Gaming ETF	43.93
KWEB	KraneShares CSI China Internet ETF	43.90
WCLD	WisdomTree Cloud Computing Fund	42.65
CLOU	Global X Cloud Computing ETF	42.58

Global Thematic 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
ARKG	ARK Genomic Revolution ETF	-3.52%
KGRN	KraneShares MSCI China Clean Technology Index ETF	-1.40%
ARKK	ARK Innovation ETF	-1.39%
EDOC	Global X Telemedicine & Digital Health ETF Registered	-1.18%
HDRO	Defiance Next Gen H2 ETF	-0.98%
BTEC	Principal Healthcare Innovators ETF	-0.91%
GDOC	Goldman Sachs Future Health Care Equity ETF	-0.54%
CTEC	Global X CleanTech ETF	-0.29%
HTEC	ROBO Global Healthcare Technology and Innovation E..	-0.13%
REMX	VanEck Rare Earth/Strategic Metals ETF	-0.06%

Thematic Most Oversold

Ticker	Fund	Price
MSOS	AdvisorShares Pure US Cannabis ETF	25.38
YOLO	AdvisorShares Pure Cannabis ETF	25.42
GDOC	Goldman Sachs Future Health Care Equity ETF	26.42
CNBS	Amplify Seymour Cannabis ETF	27.12
HERO	Global X Video Games & Esports ETF	29.15
PRNT	3D Printing ETF	29.62
EDOC	Global X Telemedicine & Digital Health ETF Registered	29.73
POTX	Global X Cannabis ETF	29.89
HTEC	ROBO Global Healthcare Technology and Innovation ETF	30.06
HDRO	Defiance Next Gen H2 ETF	30.41

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Thematic 1 Week Flow Leaders

Ticker	Fund	
ARKK	ARK Innovation ETF	\$159M
CIBR	First Trust NASDAQ Cybersecurity ETF	\$60M
WCLD	WisdomTree Cloud Computing Fund	\$17M
BUG	Global X Cybersecurity ETF	\$11M
ACES	ALPS Clean Energy ETF	\$10M
ARKW	ARK Next Generation Internet ETF	\$10M
REMX	VanEck Rare Earth/Strategic Metals ETF	\$10M
SAMT	Strategas Macro Thematic Opportunities ETF	\$9M
AWAY	ETFMG Travel Tech ETF	\$6M
AIQ	Global X Artificial Intelligence & Technology ETF	\$5M

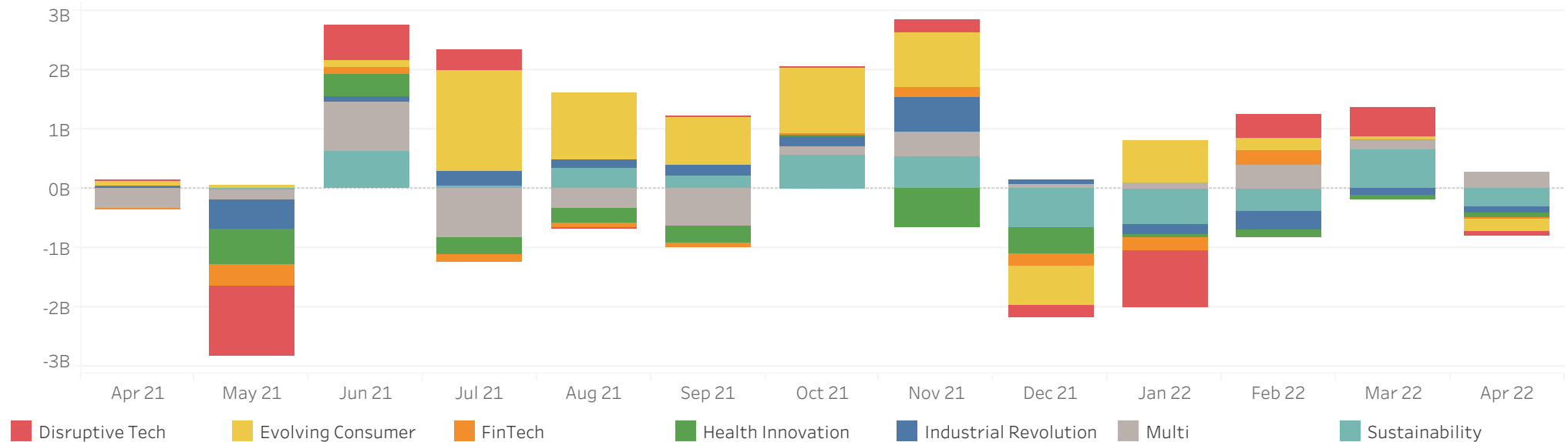
Thematic 1 Week Flow Laggards

Ticker	Fund	
KWEB	KraneShares CSI China Internet ETF	(\$202M)
TAN	Invesco Solar ETF	(\$154M)
ARKG	ARK Genomic Revolution ETF	(\$69M)
ICLN	iShares Global Clean Energy ETF	(\$52M)
BLOK	Amplify Transformational Data Sharing ETF	(\$34M)
EMQQ	EMQQ The Emerging Markets Internet & Ecommerce ETF	(\$26M)
BOTZ	Global X Robotics & Artificial Intelligence ETF	(\$20M)
SKYY	First Trust Cloud Computing ETF	(\$19M)
LIT	Global X Lithium & Battery Tech ETF	(\$16M)
EBIZ	Global X E-Commerce ETF	(\$14M)

Thematic Landscape Assets & Flows

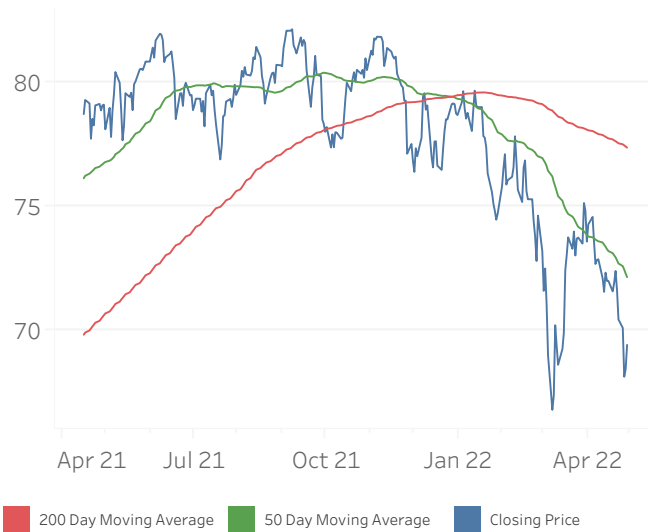
Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	36	\$22B	\$7M	\$756M	(\$105M)	(\$287M)
Evolving Consumer	46	\$10B	(\$255M)	\$14M	\$1,050M	\$6,059M
FinTech	22	\$4B	(\$32M)	\$215M	(\$62M)	(\$548M)
Health Innovation	19	\$4B	(\$39M)	(\$236M)	(\$1,401M)	(\$2,395M)
Industrial Revolution	29	\$13B	(\$33M)	(\$606M)	(\$65M)	\$294M
Multi	38	\$17B	\$263M	\$1,051M	\$1,387M	(\$33M)
Sustainability	40	\$18B	(\$233M)	(\$118M)	(\$841M)	\$901M
Grand Total	230	\$88B	(\$322M)	\$1,076M	(\$37M)	\$3,990M

Thematic Monthly Flows

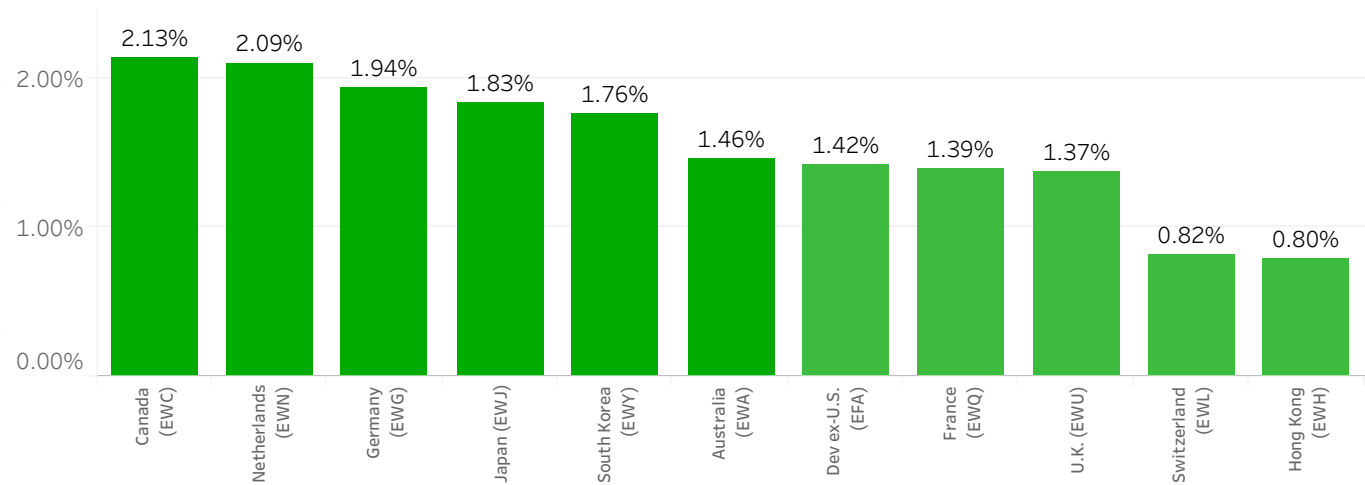


* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

Developed ex-U.S. (EFA)



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



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



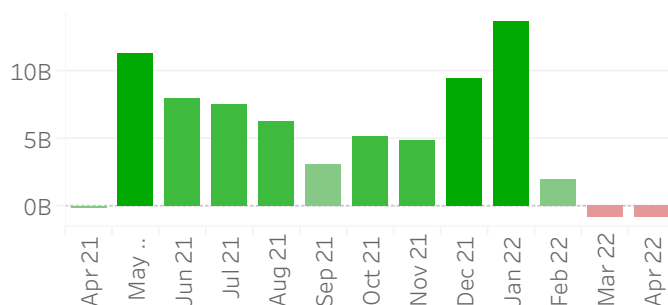
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	Performance
DXJ	WisdomTree Japan Hedged Equity Fund	3.82%
HEWJ	iShares Currency Hedged MSCI Japan ETF	3.62%
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	3.46%
DMXF	iShares ESG Advanced MSCI EAFE ETF	2.37%
CIL	VictoryShares International Volatility Wtd ETF	2.35%
DFJ	WisdomTree Japan SmallCap Dividend Fund	2.23%
TOK	iShares MSCI Kokusai ETF	2.16%
EWC	iShares MSCI Canada ETF	2.13%
HEFA	iShares Currency Hedged MSCI EAFE ETF	2.11%
EWN	iShares MSCI Netherlands ETF	2.09%

Developed ex-U.S. Most Overbought

Ticker	Fund	Value
DXJ	WisdomTree Japan Hedged Equity Fund	57.79
LVHI	Legg Mason International Low Volatility High Dividend ETF	57.54
HEWJ	iShares Currency Hedged MSCI Japan ETF	56.16
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	55.97
EUSC	WisdomTree Europe Hedged SmallCap Equity Fund	52.94
DBEF	Xtrackers MSCI EAFE Hedged Equity ETF	52.07
HEFA	iShares Currency Hedged MSCI EAFE ETF	51.88
DBEU	Xtrackers MSCI Europe Hedged Equity ETF	51.37
GREK	Global X MSCI Greece ETF	51.28
HEDJ	WisdomTree Europe Hedged Equity Fund	51.04

Developed ex-U.S. Monthly Flows



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

Ticker	Fund	Performance
NORW	Global X MSCI Norway ETF	-0.10%
PTIN	Pacer Trendpilot International ETF	0.37%
EDEN	iShares MSCI Denmark ETF	0.43%
WPS	iShares International Developed Property ETF	0.53%
EWD	iShares MSCI Sweden ETF	0.55%
ENZL	iShares MSCI New Zealand ETF	0.64%
FDD	First Trust Stoxx European Select Dividend Index Fund	0.64%
QLVD	FlexShares Developed Markets ex-US Quality Low Volatilit..	0.69%
EFAD	iShares MSCI EAFE Min Vol Factor ETF	0.72%
HDEF	Xtrackers MSCI EAFE High Dividend Yield Equity ETF	0.78%

Developed ex-U.S. Most Oversold

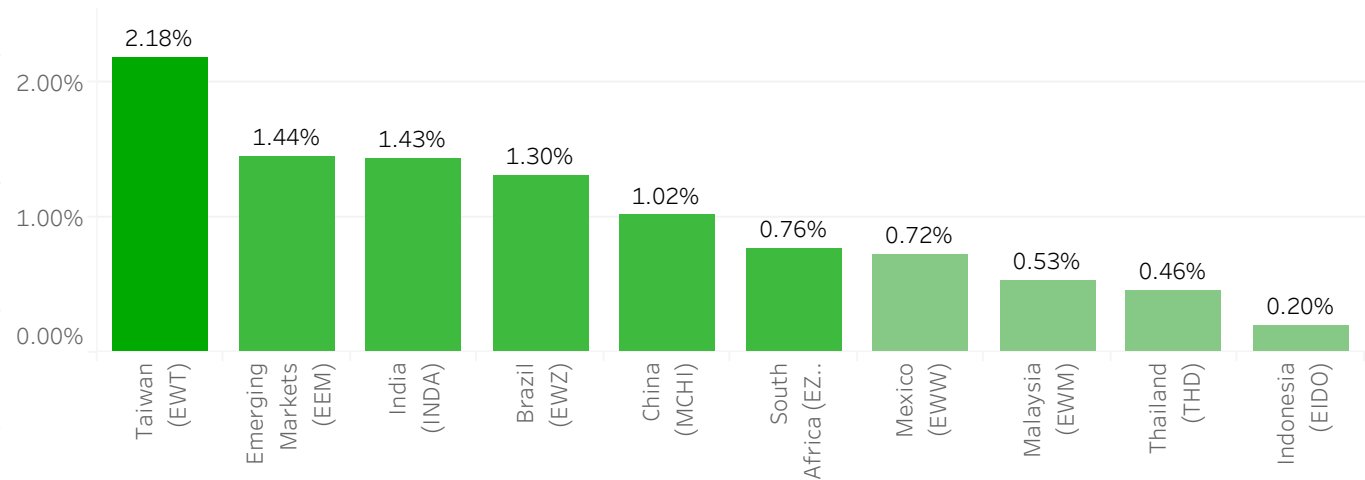
Ticker	Fund	Value
PTIN	Pacer Trendpilot International ETF	29.95
EWUS	iShares MSCI United Kingdom Small Cap ETF	32.34
ENZL	iShares MSCI New Zealand ETF	32.35
NORW	Global X MSCI Norway ETF	32.40
WPS	iShares International Developed Property ETF	33.62
IQDG	WisdomTree International Quality Dividend Growth ..	34.45
FEP	First Trust Europe AlphaDEX Fund	34.74
IEUS	iShares MSCI Europe Small-Cap ETF	35.02
EFAD	ProShares MSCI EAFE Dividend Growers ETF	35.63
GWX	SPDR S&P International Small Cap ETF	35.66

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

Emerging (EEM)



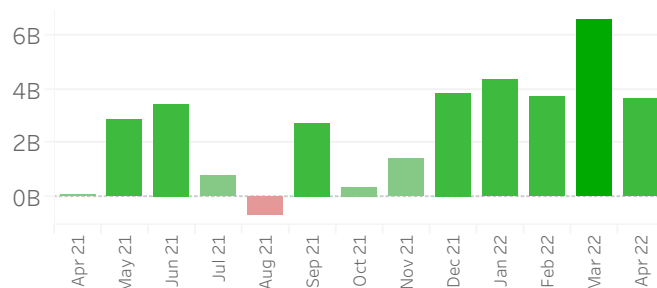
Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Leaders

Ticker	Fund	Performance
ADRE	Invesco BLDERS Emerging Markets 50 ADR Index Fund	2.71%
SDEM	Global X MSCI SuperDividend Emerging Markets ETF	2.25%
EWT	iShares MSCI Taiwan ETF	2.18%
PIE	Invesco DWA Emerging Markets Momentum ETF	2.14%
FNI	First Trust Chindia ETF	1.90%
LDEM	iShares ESG MSCI EM Leaders ETF	1.83%
MFEM	PIMCO RAFI Dynamic Multi-Factor Emerging Markets Eq..	1.82%
EYLD	Cambria Emerging Shareholder Yield ETF	1.69%
EPOL	iShares MSCI Poland ETF	1.62%
FNDE	Schwab Fundamental Emerging Markets Large Co. Index..	1.61%

Emerging Most Overbought

Ticker	Fund	Value
KSA	iShares MSCI Saudi Arabia ETF	64.80
IDX	VanEck Indonesia Index ETF	64.54
EIDO	iShares MSCI Indonesia ETF	59.16
TUR	iShares MSCI Turkey ETF	54.60
FLIN	Franklin FTSE India ETF	50.54
INDA	iShares MSCI India ETF	50.30
EPI	WisdomTree India Earnings Fund	49.75
INDY	iShares India 50 ETF	48.88
SMIN	iShares MSCI India Small Cap ETF	48.37
PIN	Invesco India ETF	48.35

Emerging 1-Day Performance Laggards

Ticker	Fund	Performance
TUR	iShares MSCI Turkey ETF	-1.14%
ECH	iShares MSCI Chile ETF	-0.74%
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	-0.61%
QAT	iShares MSCI Qatar ETF	-0.38%
CNYA	iShares MSCI China A ETF	-0.28%
NFTY	First Trust India NIFTY 50 Equal Weight ETF	-0.07%
KBA	KraneShares Bosera MSCI China A 50 Connect Index ETF	0.15%
EIDO	iShares MSCI Indonesia ETF	0.20%
EPHE	iShares MSCI Philippines ETF	0.24%
AFK	VanEck Africa Index ETF	0.41%

Emerging Most Oversold

Ticker	Fund	Value
EPU	iShares MSCI Peru ETF	25.00
EZA	iShares MSCI South Africa ETF	27.34
VNM	VanEck Vietnam ETF	27.68
FRDM	Freedom 100 Emerging Markets ETF	28.75
EPOL	iShares MSCI Poland ETF	30.68
CNYA	iShares MSCI China A ETF	31.27
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	31.28
EWM	iShares MSCI Malaysia ETF	31.50
AFK	VanEck Africa Index ETF	31.70
ILF	iShares Latin America 40 ETF	31.75

*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	-0.04%	-2.55%	-8.88%
SHY	1-3 Year Treasury Bonds	-0.07%	-0.18%	-2.80%
IEF	7-10 Year Treasury Bonds	-0.14%	-2.67%	-9.85%
TLT	20+ Year Treasury Bonds	0.15%	-6.59%	-17.99%
TIP	TIPS Bonds	0.57%	-1.55%	-4.39%
FLOT	Floating Rate Bonds	0.06%	0.03%	-0.38%
LQD	Investment Grade Corporate	0.30%	-4.86%	-13.56%
HYG	High Yield Corporate	0.56%	-2.44%	-7.58%
BKLN	Senior Loan	0.23%	0.09%	-1.03%
PFF	Preferred & Income Securities	1.06%	-4.32%	-12.31%
MUB	Municipal Bonds	-0.09%	-2.24%	-7.80%
MBB	MBS	-0.10%	-2.22%	-7.84%
EMB	Dollar Denominated EM Bonds	0.18%	-4.16%	-14.28%
LEMB	Local Currency EM Bond	-0.20%	-3.62%	-10.30%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	0.62%	4.92%	35.96%
DBE	Energy	1.27%	11.50%	49.24%
USO	WTI Crude Oil	2.24%	4.76%	43.64%
BNO	Brent Crude Oil	2.33%	1.25%	47.15%
UNG	Natural Gas	-5.32%	24.09%	90.95%
UGA	Gasoline	1.43%	11.08%	50.54%
DBP	Precious Metals	0.39%	-2.59%	2.15%
GLD	Gold	0.54%	-1.19%	3.49%
SLV	Silver	-0.33%	-6.59%	-0.42%
PPLT	abrdn Physical Platin..	0.13%	-6.77%	-5.02%
PALL	abrdn Physical Palla..	0.41%	-0.30%	17.38%
DBB	Base Metals	-1.51%	-7.13%	8.76%
CPER	Copper	-0.59%	-6.64%	-1.36%
LD	Lead	-0.48%	-1.42%	0.95%
JJN	Nickel	-1.27%	1.91%	59.48%
JJU	Aluminum	-1.78%	-15.24%	8.60%
JJT	Tin	0.69%	-4.46%	4.28%
DBA	Agriculture	0.45%	1.78%	12.96%
CORN	Corn	-0.17%	12.40%	39.28%
SOYB	Soybeans	-0.28%	5.01%	26.24%
WEAT	Wheat	-0.92%	4.87%	45.60%
CANE	Sugar	1.70%	-1.75%	4.02%
BAL	Cotton	4.55%	7.28%	36.49%
NIB	Cocoa	2.61%	-2.60%	-2.10%
JO	Coffee	1.83%	1.91%	-2.65%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	0.58%	4.49%	8.00%
UDN	Short Dollar	-0.75%	-4.59%	-8.03%
FXE	Euro	-0.47%	-4.40%	-7.91%
FXB	British Pound Sterling	-0.63%	-4.83%	-7.90%
FXF	Swiss Franc	-0.29%	-3.91%	-6.51%
FXJ	Japanese Yen	-2.04%	-5.47%	-12.20%
FXC	Canadian Dollar	0.10%	-2.19%	-1.42%
FXA	Australian Dollar	-0.21%	-5.20%	-2.32%

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