

Large Cap Blend (S&P 500) IVV



Mid Cap Blend (S&P 400) IJH

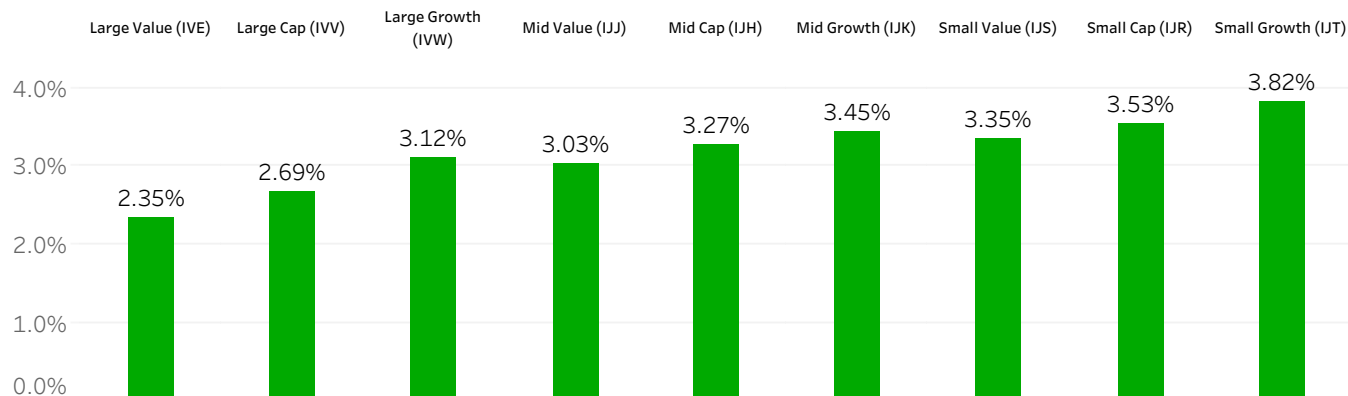


Small Cap Blend (S&P 600) IJR



■ 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	1-Day Performance
AIEQ	AI Powered Equity ETF	4.32%
CALF	Pacer US Small Cap Cash Cows 100 ETF	4.27%
XSMO	Invesco S&P SmallCap Momentum ETF	4.26%
SPHB	Invesco S&P 500 High Beta ETF	4.20%
JSMD	Janus Henderson Small/Mid Cap Growth Alpha ETF	3.97%
RZG	Invesco S&P Smallcap 600 Pure Growth ETF	3.97%
FYT	First Trust Small Cap Value AlphaDEX Fund	3.92%
XSVM	Invesco S&P SmallCap Value with Momentum ETF	3.87%
IJT	iShares S&P Small-Cap 600 Growth ETF	3.82%
AVUV	Avantis U.S. Small Cap Value ETF	3.82%

Size & Style Most Overbought

Ticker	Fund	Value
USNZ	Xtrackers Net Zero Pathway Paris Aligned US Equity ETF	67.11
FDM	First Trust Dow Jones Select MicroCap Index Fund	62.72
RZG	Invesco S&P Smallcap 600 Pure Growth ETF	61.43
QVMS	Invesco S&P SmallCap 600 QVM Multi-factor ETF	61.30
NZUS	SPDR MSCI USA Climate Paris Aligned ETF	61.06
JSML	Janus Henderson Small Cap Growth Alpha ETF	60.96
CALF	Pacer US Small Cap Cash Cows 100 ETF	59.83
GUSA	Goldman Sachs MarketBeta U.S. 1000 Equity ETF	59.71
IJT	iShares S&P Small-Cap 600 Growth ETF	59.56
SLYG	SPDR S&P 600 Small Cap Growth ETF	59.49

Size & Style 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
PTMC	Pacer Trendpilot US Mid Cap ETF	-0.05%
PTLC	Pacer Trendpilot US Large Cap ETF	-0.04%
LGH	HCM Defender 500 Index ETF	-0.03%
LFEQ	VanEck Long/Flat Trend ETF	0.00%
SPC	CrossingBridge Pre-Merger SPAC ETF	0.00%
QQH	HCM Defender 100 Index ETF	0.03%
CDC	VictoryShares US EQ Income Enhanced Volatility Wtd ETF	0.38%
TPHE	Timothy Plan High Dividend Stock Enhanced ETF	0.57%
CFO	VictoryShares US 500 Enhanced Volatility Wtd ETF	0.69%
CSF	VictoryShares US Discovery Enhanced Volatility Wtd ETF	0.71%

Size & Style Most Oversold

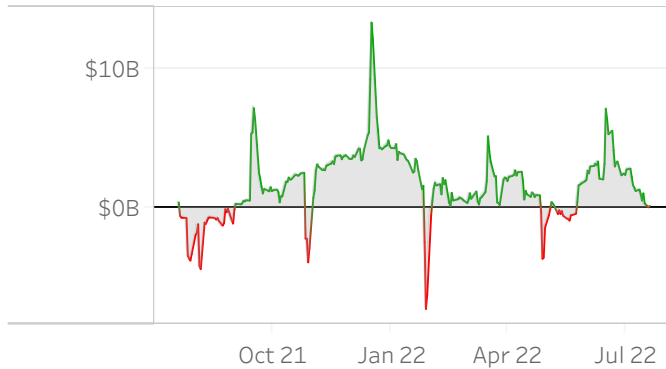
Ticker	Fund	Value
LGH	HCM Defender 500 Index ETF	33.24
QQH	HCM Defender 100 Index ETF	36.52
LFEQ	VanEck Long/Flat Trend ETF	39.25
RUFF	Alpha Dog ETF	42.65
FFTY	Innovator IBD 50 ETF	43.97
RPHS	Regents Park Hedged Market Strategy ETF	46.00
SPHD	Invesco S&P 500 High Dividend Low Volatility ETF	46.37
ABEQ	Absolute Core Strategy ETF	46.40
HCV	iShares Core High Dividend ETF	47.38
TPHE	Timothy Plan High Dividend Stock Enhanced ETF	47.40

*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	24	\$1,156B	(\$2.72B)	\$30.43B	\$38.20B	\$118.84B
Large Cap, Beta Growth, Beta: Growth	9	\$214B	\$0.36B	\$6.81B	\$9.46B	\$15.85B
Large Cap, Beta Growth, Beta: Value	10	\$208B	(\$0.22B)	\$4.78B	\$15.16B	\$27.71B
Mid Cap, Beta, Beta	10	\$164B	(\$0.03B)	\$2.79B	\$4.79B	\$11.50B
Mid Cap, Beta, Beta: Growth	6	\$30B	(\$0.07B)	\$0.18B	(\$0.23B)	\$0.40B
Mid Cap, Beta, Beta: Value	6	\$37B	(\$0.07B)	(\$0.25B)	(\$0.33B)	\$0.70B
Small Cap, Beta, Beta	13	\$176B	(\$1.02B)	(\$5.21B)	(\$5.25B)	\$6.15B
Small Cap, Beta, Beta: Growth	7	\$29B	(\$0.11B)	\$0.53B	\$0.76B	\$1.37B
Small Cap, Beta, Beta: Value	7	\$48B	(\$0.10B)	(\$0.03B)	(\$2.98B)	(\$1.46B)

U.S. Size & Style Flow Leaders

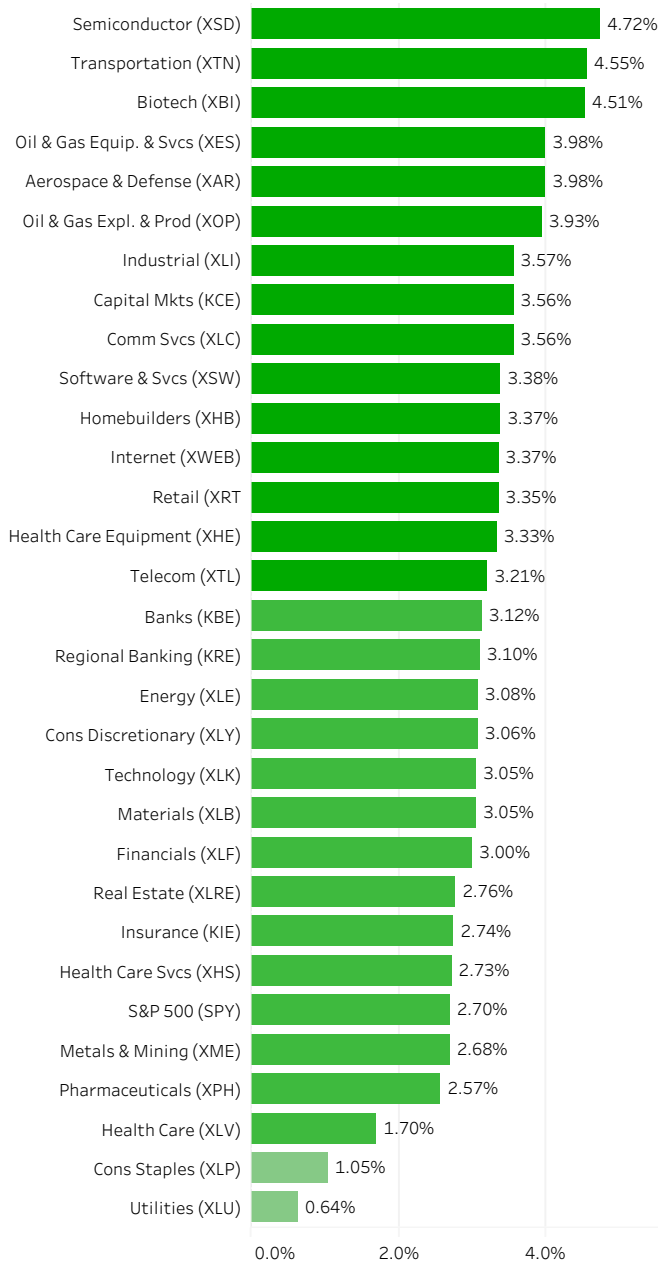
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
VOO	Vanguard S&P 500 ETF	\$0.43B	\$14.08B	\$27.78B	\$42.92B	\$249.92B
VUG	Vanguard Growth ETF	\$0.31B	\$2.88B	\$5.44B	\$6.72B	\$69.68B
VTI	Vanguard Total Stock Market ETF	\$0.21B	\$4.34B	\$11.34B	\$34.61B	\$248.88B
DGRW	WisdomTree US Quality Dividend Growth Fund	\$0.21B	(\$0.04B)	\$0.16B	\$0.46B	\$6.32B
SCHD	Schwab US Dividend Equity ETF	\$0.19B	\$3.19B	\$6.72B	\$10.91B	\$34.81B
SPLG	SPDR Portfolio S&P 500 ETF	\$0.15B	\$0.59B	\$2.28B	\$4.03B	\$13.19B
MDY	SPDR S&P Midcap 400 ETF Trust	\$0.12B	(\$0.17B)	(\$0.75B)	(\$1.28B)	\$16.98B
VYM	Vanguard High Dividend Yield Index ETF	\$0.11B	\$3.48B	\$5.73B	\$8.44B	\$44.26B
VXF	Vanguard Extended Market ETF	\$0.08B	\$0.18B	\$0.01B	(\$1.13B)	\$12.87B
IJR	iShares Core S&P Small Cap ETF	\$0.07B	(\$1.47B)	(\$1.26B)	\$3.50B	\$60.74B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
SPY	SPDR S&P 500 ETF Trust	(\$1.96B)	\$0.42B	(\$16.77B)	\$13.06B	\$345.21B
QQQ	Invesco QQQ Trust	(\$1.42B)	\$4.16B	\$4.92B	\$17.98B	\$159.27B
SCHA	Schwab U.S. Small-Cap ETF	(\$0.42B)	(\$1.06B)	(\$0.56B)	\$0.36B	\$12.73B
IWM	iShares Russell 2000 ETF	(\$0.40B)	(\$0.90B)	(\$2.73B)	(\$1.80B)	\$49.89B
IVE	iShares S&P 500 Value ETF	(\$0.21B)	\$0.59B	\$1.47B	\$2.75B	\$23.08B
VTWO	Vanguard Russell 2000 ETF	(\$0.17B)	(\$1.08B)	(\$0.42B)	\$0.81B	\$5.07B
IUSG	iShares Core S&P U.S. Growth ETF	(\$0.16B)	\$0.46B	\$0.59B	\$0.95B	\$10.81B
VO	Vanguard Mid-Cap ETF	(\$0.16B)	\$1.17B	\$2.05B	\$5.61B	\$47.31B
IVW	iShares S&P 500 Growth ETF	(\$0.13B)	(\$0.23B)	(\$0.88B)	(\$0.32B)	\$28.79B
IWO	iShares Russell 2000 Growth ETF	(\$0.13B)	\$0.24B	\$0.51B	\$0.84B	\$8.99B

* 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)
XLV	Health Care Select Sector SPDR Fund	-9.25%	8.12%	1.08%	-1.91%	53.41
XLP	Consumer Staples Select Sector SPDR Fund	-9.41%	6.09%	0.34%	-1.88%	53.57
XLU	Utilities Select Sector SPDR Fund	-10.04%	8.92%	-2.11%	-1.01%	46.39
XLI	Industrial Select Sector SPDR Fund	-16.54%	4.56%	-0.75%	-9.79%	54.52
XLB	Materials Select Sector SPDR Fund	-17.88%	4.91%	-5.81%	-11.97%	47.05
SPY	SPDR S&P 500 ETF Trust	-17.89%	7.22%	0.44%	-9.77%	55.87
XLRE	Real Estate Select Sector SPDR Fund	-19.48%	7.39%	-0.18%	-9.80%	53.57
XLF	Financial Select Sector SPDR Fund	-21.27%	6.08%	-0.58%	-12.44%	54.81
XLE	Energy Select Sector SPDR Fund	-21.63%	57.94%	-8.37%	4.49%	47.44
XLK	Technology Select Sector SPDR Fund	-23.52%	9.40%	1.98%	-11.34%	57.79
XLY	Consumer Discretionary Select Sector SPDR Fund	-29.19%	11.20%	3.31%	-15.77%	59.29
XLC	Communication Services Select Sector SPDR Fund	-33.65%	7.55%	0.49%	-16.78%	55.50

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
PSI	Invesco Dynamic Semiconductors ETF	4.92%
XSD	SPDR S&P Semiconductor ETF	4.72%
PSCI	Invesco S&P SmallCap Industrials ETF	4.71%
XTN	SPDR S&P Transportation ETF	4.55%
XBI	SPDR S&P BIOTECH ETF	4.51%
SOXQ	Invesco PHLX Semiconductor ETF	4.51%
SOXX	iShares Semiconductor ETF	4.41%
FCG	First Trust Natural Gas ETF	4.19%
PSCT	Invesco S&P SmallCap Information Technology ETF	4.16%
FTXR	First Trust Nasdaq Transportation ETF	4.11%

Sector & Industry Most Overbought

Ticker	Fund	1 Day Performance
PKB	Invesco Dynamic Building & Construction ETF	64.78
PTH	Invesco DWA Healthcare Momentum ETF	63.68
XHS	SPDR S&P Health Care Services ETF	63.25
XHB	SPDR S&P Homebuilders ETF	62.37
XBI	SPDR S&P BIOTECH ETF	61.03
PSI	Invesco Dynamic Semiconductors ETF	60.87
IGN	iShares North American Tech-Multimedia Networking E..	60.64
PSCT	Invesco S&P SmallCap Information Technology ETF	60.42
PSCH	Invesco S&P SmallCap Health Care ETF	60.39
SOXX	iShares Semiconductor ETF	60.01

Sector & Industry 1 Day Performance Laggards

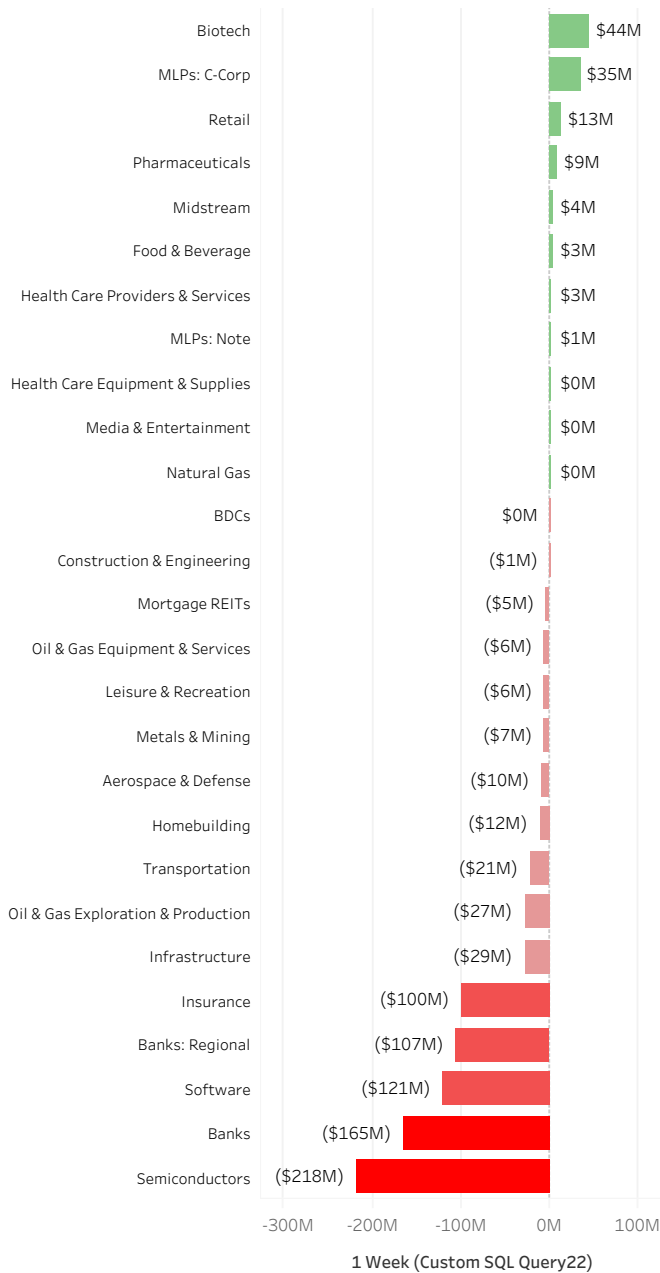
Ticker	Fund	1 Day Performance
RYU	Invesco S&P 500 Equal Weight Utilities ETF	0.51%
XLU	Utilities Select Sector SPDR Fund	0.64%
VPU	Vanguard Utilities ETF	0.74%
FUTY	Fidelity MSCI Utilities Index ETF	0.77%
RHS	Invesco S&P 500 Equal Weight Consumer Staples ETF	1.01%
XLP	Consumer Staples Select Sector SPDR Fund	1.05%
PBJ	Invesco Dynamic Food & Beverage ETF	1.06%
FSTA	FIDELITY COVINGTON TRUST MSCI CONSUMER STAPL..	1.08%
VDC	Vanguard Consumer Staples ETF	1.14%
PSCC	Invesco S&P SmallCap Consumer Staples ETF	1.18%

Sector & Industry Most Oversold

Ticker	Fund	1 Day Performance
KBWP	Invesco KBW Property & Casualty Insurance ETF	40.51
RYU	Invesco S&P 500 Equal Weight Utilities ETF	44.32
XES	SPDR S&P Oil & Gas Equipment & Services ETF	44.36
XLU	Utilities Select Sector SPDR Fund	46.39
XLB	Materials Select Sector SPDR Fund	47.05
VRAI	Virtus Real Asset Income ETF	47.13
VPU	Vanguard Utilities ETF	47.41
XLE	Energy Select Sector SPDR Fund	47.44
PYZ	Invesco DWA Basic Materials Momentum ETF	47.49
RYE	Invesco S&P 500 Equal Weight Energy ETF	47.50

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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	8	\$13B	\$80M	(\$35M)	(\$522M)	\$5M
Consumer Discretionary	12	\$21B	(\$267M)	(\$3,243M)	(\$5,741M)	(\$5,285M)
Consumer Staples	11	\$27B	\$246M	\$1,622M	\$4,134M	\$6,799M
Energy	31	\$67B	(\$215M)	(\$3,690M)	(\$2,663M)	\$1,301M
Financials	23	\$54B	(\$947M)	(\$12,229M)	(\$17,913M)	(\$9,050M)
Health Care	22	\$90B	\$810M	\$3,811M	\$7,888M	\$13,215M
Industrial	11	\$26B	(\$67M)	(\$2,660M)	(\$3,369M)	(\$4,782M)
Materials	9	\$14B	(\$335M)	(\$2,407M)	(\$420M)	(\$1,596M)
Multi-Sector	17	\$14B	(\$73M)	(\$473M)	(\$4,900M)	(\$3,121M)
Real Estate	23	\$65B	(\$87M)	(\$2,672M)	(\$4,976M)	\$3,124M
Technology	23	\$115B	(\$483M)	(\$1,728M)	(\$1,675M)	\$4,572M
Utilities	9	\$26B	\$634M	\$2,825M	\$5,130M	\$5,868M

U.S. Sector & Industry Flow Leaders

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLV	Health Care Select Sector SPDR Fund	\$662M	\$2,421M	\$5,393M	\$8,312M	\$38,363M
XLU	Utilities Select Sector SPDR Fund	\$491M	\$2,218M	\$3,519M	\$3,883M	\$16,287M
VDC	Vanguard Consumer Staples ETF	\$163M	\$175M	\$419M	\$1,023M	\$6,644M
FUTY	Fidelity MSCI Utilities Index ETF	\$141M	\$701M	\$893M	\$935M	\$2,020M
XBI	SPDR S&P BIOTECH ETF	\$68M	\$1,250M	\$2,550M	\$3,606M	\$7,423M
XLP	Consumer Staples Select Sector SPDR Fund	\$58M	(\$115M)	\$1,437M	\$3,335M	\$15,153M
VHT	Vanguard Health Care ETF	\$54M	(\$154M)	\$459M	\$1,189M	\$15,945M
XLC	Communication Services Select Sector SPDR Fu..	\$47M	\$232M	(\$186M)	\$292M	\$9,577M
VOX	Vanguard Communication Services ETF	\$36M	(\$289M)	(\$203M)	(\$222M)	\$2,721M
XLI	Industrial Select Sector SPDR Fund	\$35M	(\$1,213M)	(\$3,251M)	(\$4,315M)	\$11,947M

U.S. Sector & Industry Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLF	Financial Select Sector SPDR Fund	(\$507M)	(\$7,690M)	(\$10,567M)	(\$5,134M)	\$28,171M
XLY	Consumer Discretionary Select Sector SPDR Fu..	(\$235M)	(\$1,372M)	(\$2,883M)	(\$1,744M)	\$13,987M
SOXX	iShares Semiconductor ETF	(\$218M)	(\$449M)	(\$337M)	\$1,295M	\$6,493M
XLB	Materials Select Sector SPDR Fund	(\$170M)	(\$775M)	(\$1,218M)	(\$2,148M)	\$5,740M
KIE	SPDR S&P Insurance ETF	(\$132M)	\$83M	\$73M	(\$213M)	\$475M
XLE	Energy Select Sector SPDR Fund	(\$131M)	(\$1,469M)	(\$2,782M)	(\$444M)	\$32,420M
IGV	iShares Expanded Tech-Software Sector ETF	(\$120M)	\$355M	\$458M	\$1,269M	\$4,429M
VAW	Vanguard Materials ETF	(\$114M)	(\$627M)	(\$669M)	(\$524M)	\$2,787M
KRE	SPDR S&P Regional Banking ETF	(\$107M)	(\$1,317M)	(\$1,853M)	(\$974M)	\$2,928M
KBE	SPDR S&P Bank ETF	(\$97M)	(\$370M)	(\$1,107M)	(\$759M)	\$2,012M

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Communication Services



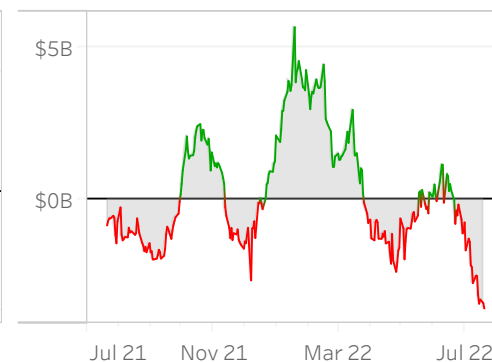
Consumer Discretionary



Consumer Staples



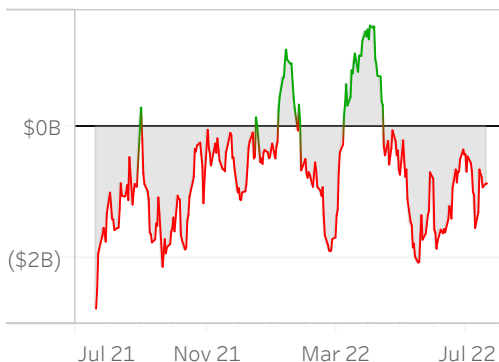
Energy



Financials



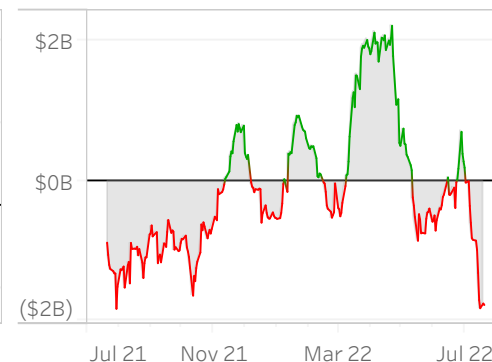
Industrial



Health Care



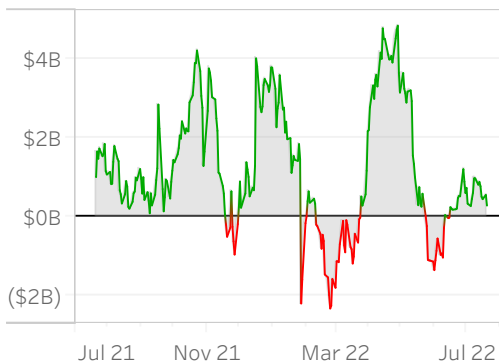
Materials



Real Estate



Technology



Utilities

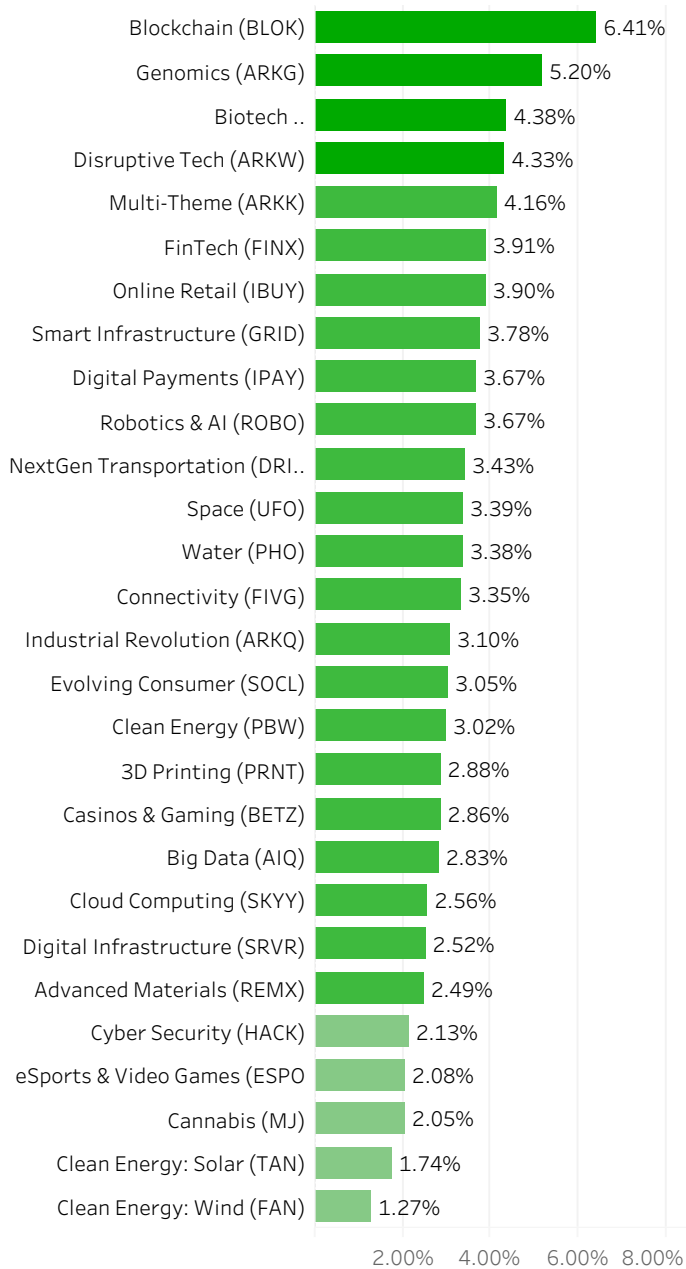


Multi-Sector

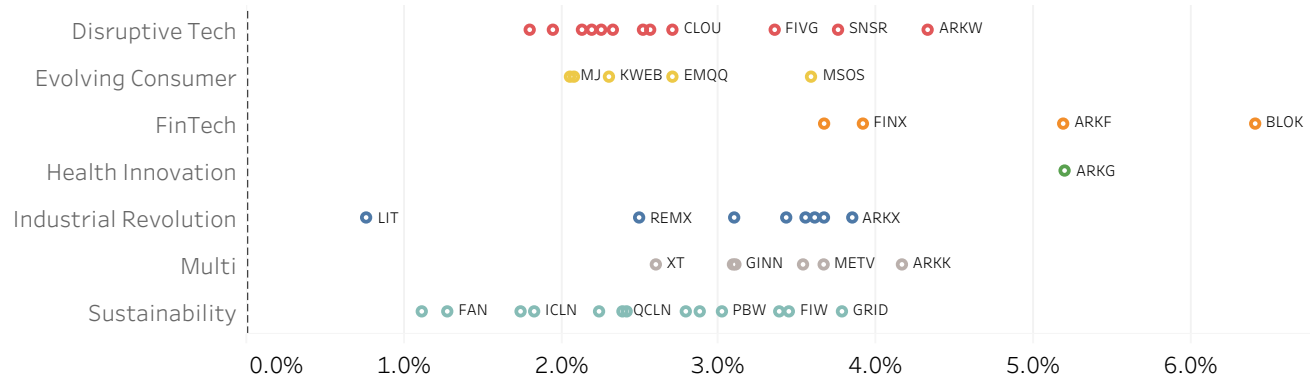


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Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
BITQ	Bitwise Crypto Industry Innovators ETF	13.39%
BKCH	Global X Blockchain ETF	12.58%
BLOK	Amplify Transformational Data Sharing ETF	6.41%
ARKG	ARK Genomic Revolution ETF	5.20%
ARKF	ARK Fintech Innovation ETF	5.19%
SBIO	ALPS Medical Breakthroughs ETF	4.38%
BLCN	Siren ETF Trust Siren Nasdaq NexGen Economy ETF	4.34%
IDNA	iShares Genomics Immunology and Healthcare ETF Geno..	4.33%
ARKW	ARK Next Generation Internet ETF	4.33%
ARKK	ARK Innovation ETF	4.16%

Thematic Most Overbought

Ticker	Fund	Value
GNOM	Global X Genomics & Biotechnology ETF	63.86
IDNA	iShares Genomics Immunology and Healthcare ETF Genom..	61.69
BITQ	Bitwise Crypto Industry Innovators ETF	61.60
SBIO	ALPS Medical Breakthroughs ETF	60.87
BKCH	Global X Blockchain ETF	60.08
BLOK	Amplify Transformational Data Sharing ETF	59.98
ARKG	ARK Genomic Revolution ETF	59.50
BTEC	Principal Healthcare Innovators ETF	59.26
FIVG	Defiance Next Gen Connectivity ETF	58.96
SNSR	Global X Internet of Things ETF	58.80

Global Thematic 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
KGRN	KraneShares MSCI China Clean Technology Index ETF	-1.73%
KSTR	KraneShares SSE STAR Market 50 Index ETF	0.28%
LIT	Global X Lithium & Battery Tech ETF	0.76%
POTX	Global X Cannabis ETF	0.77%
SMOG	VanEck Low Carbon Energy ETF	0.94%
RNRG	Global X Funds Global X Renewable Energy Producers ..	0.98%
ERTH	Invesco MSCI Sustainable Future ETF	1.11%
BATT	Amplify Lithium & Battery Technology ETF	1.20%
KARS	KraneShares Electric Vehicles & Future Mobility Index ..	1.21%
FAN	First Trust Global Wind Energy ETF	1.27%

Thematic Most Oversold

Ticker	Fund	Value
AWAY	ETFMG Travel Tech ETF	43.09
MJ	ETFMG Alternative Harvest ETF	45.47
YOLO	AdvisorShares Pure Cannabis ETF	46.19
KSTR	KraneShares SSE STAR Market 50 Index ETF	46.25
REMX	VanEck Rare Earth/Strategic Metals ETF	46.65
POTX	Global X Cannabis ETF	46.84
BATT	Amplify Lithium & Battery Technology ETF	47.55
CLOU	Global X Cloud Computing ETF	48.07
WCLD	WisdomTree Cloud Computing Fund	48.08
HERO	Global X Video Games & Esports ETF	48.10

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Thematic 1 Week Flow Leaders

Ticker	Fund	
ARKK	ARK Innovation ETF	\$48M
SRVR	Pacer Benchmark Data & Infrastructure Real Estate SCTR ETF	\$34M
MSOS	AdvisorShares Pure US Cannabis ETF	\$25M
ARKG	ARK Genomic Revolution ETF	\$24M
WCLD	WisdomTree Cloud Computing Fund	\$15M
GINN	Goldman Sachs Innovate Equity ETF	\$13M
CNRG	SPDR S&P Kensho Clean Power ETF	\$3M
TECB	iShares U.S. Tech Breakthrough Multisector ETF	\$3M
KGRN	KraneShares MSCI China Clean Technology Index ETF	\$2M
MJ	ETFMG Alternative Harvest ETF	\$2M

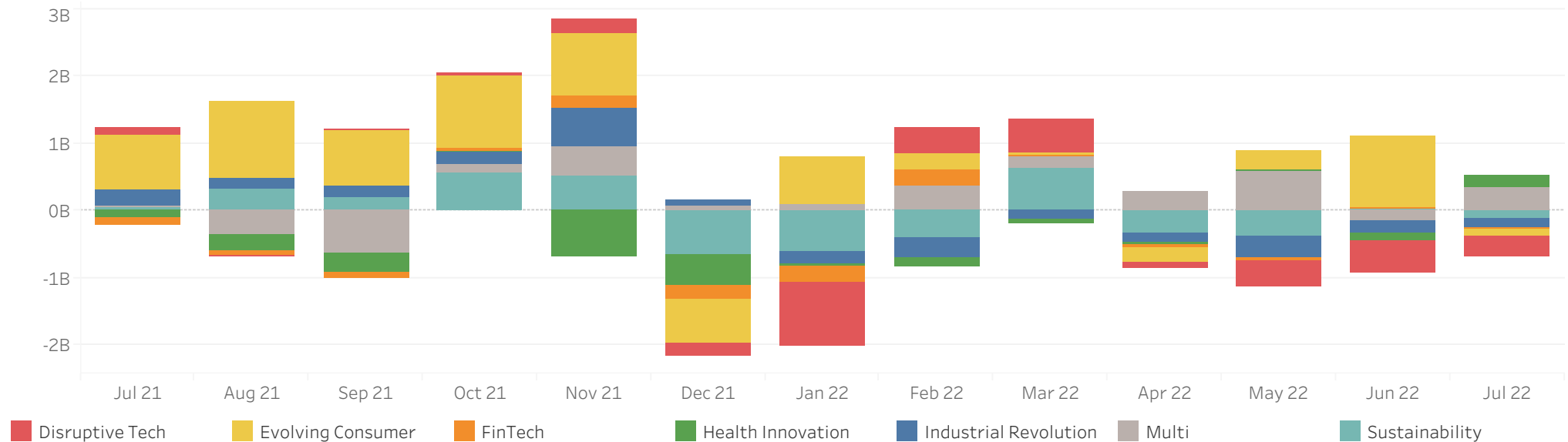
Thematic 1 Week Flow Laggards

Ticker	Fund	
KWEB	KraneShares CSI China Internet ETF	(\$162M)
TAN	Invesco Solar ETF	(\$125M)
SKYY	First Trust Cloud Computing ETF	(\$63M)
ONLN	ProShares Online Retail ETF	(\$57M)
CIBR	First Trust NASDAQ Cybersecurity ETF	(\$29M)
CLOU	Global X Cloud Computing ETF	(\$19M)
PBW	Invesco WilderHill Clean Energy ETF	(\$16M)
IDRV	iShares Self-driving EV & Tech ETF	(\$15M)
GTEK	Goldman Sachs Future Tech Leaders Equity ETF	(\$13M)
HERO	Global X Video Games & Esports ETF	(\$11M)

Thematic Landscape Assets & Flows

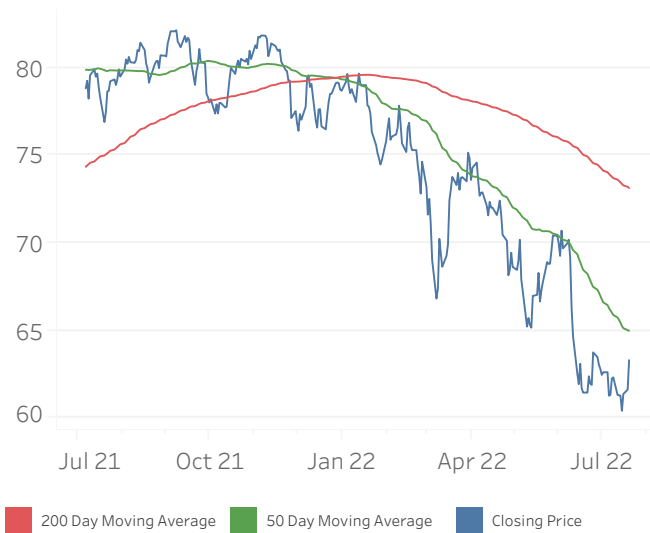
Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	35	\$18B	\$45M	(\$1,086M)	(\$604M)	(\$1,117M)
Evolving Consumer	48	\$12B	(\$188M)	\$981M	\$1,248M	\$6,178M
FinTech	24	\$3B	(\$8M)	(\$111M)	\$81M	(\$346M)
Health Innovation	19	\$4B	\$9M	\$14M	(\$159M)	(\$1,913M)
Industrial Revolution	32	\$12B	(\$44M)	(\$711M)	(\$1,362M)	(\$17M)
Multi	42	\$16B	\$97M	\$971M	\$1,994M	\$1,363M
Sustainability	42	\$17B	(\$156M)	(\$734M)	(\$732M)	(\$171M)
Grand Total	242	\$81B	(\$246M)	(\$678M)	\$467M	\$3,977M

Thematic Monthly Flows

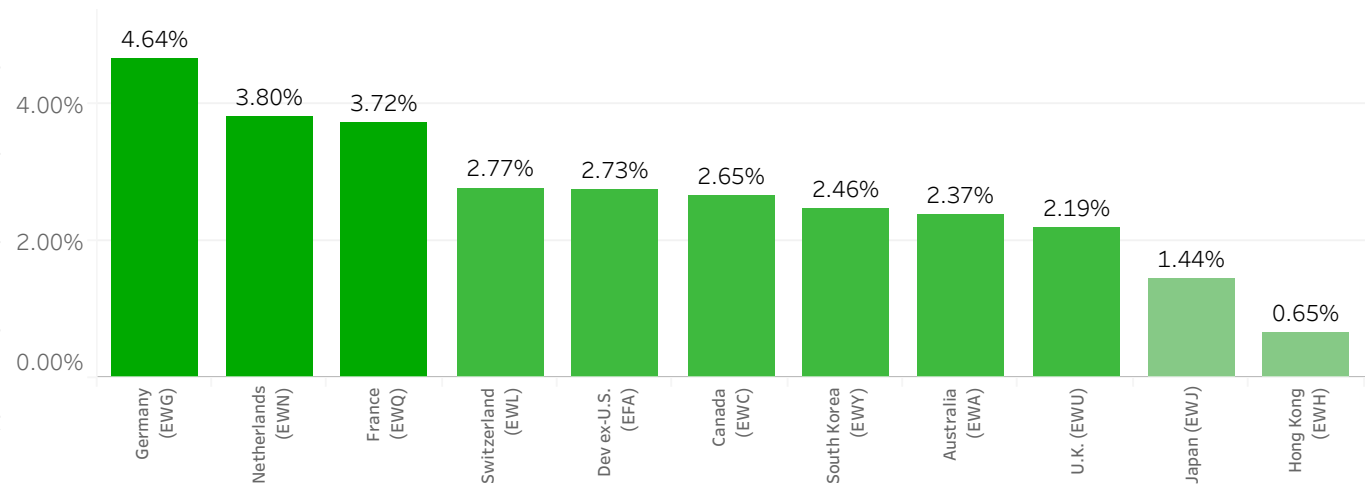


* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

Developed ex-U.S. (EFA)



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



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



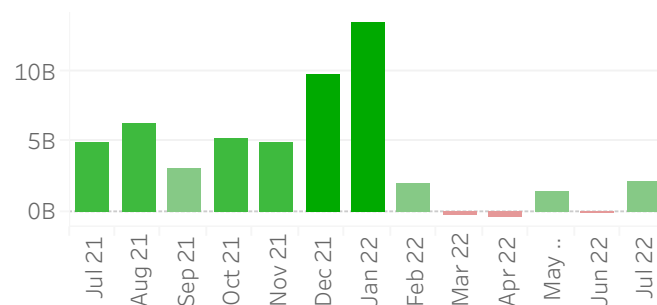
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
EWG	iShares MSCI Germany ETF	4.64%
EWD	iShares MSCI Sweden ETF	4.26%
EWI	iShares MSCI Italy ETF	4.20%
FEZ	SPDR EURO STOXX 50 ETF	4.11%
CIL	VictoryShares International Volatility Wtd ETF	3.97%
EWP	iShares MSCI Spain ETF	3.94%
EZU	iShares MSCI Eurozone ETF	3.88%
EWN	iShares MSCI Netherlands ETF	3.80%
EWQ	iShares MSCI France ETF	3.72%
FDD	First Trust Stoxx European Select Dividend Index Fund	3.61%

Developed ex-U.S. Most Overbought

Ticker	Fund	Price
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	61.94
HEWJ	iShares Currency Hedged MSCI Japan ETF	59.80
DXJ	WisdomTree Japan Hedged Equity Fund	58.72
EFG	iShares MSCI EAFE Growth ETF	58.09
DBEU	Xtrackers MSCI Europe Hedged Equity ETF	57.37
JIRE	JPMorgan International Research Enhanced Equity ETF	57.27
EDEN	iShares MSCI Denmark ETF	56.86
EWN	iShares MSCI Netherlands ETF	56.82
DBEF	Xtrackers MSCI EAFE Hedged Equity ETF	56.81
EWL	iShares MSCI Switzerland ETF	56.26

Developed ex-U.S. Monthly Flows



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

Ticker	Fund	1-Day Performance
PTIN	Pacer Trendpilot International ETF	-0.06%
QLVD	FlexShares Developed Markets ex-US Quality Low Volatilit..	0.36%
EWH	iShares MSCI Hong Kong ETF	0.65%
SCJ	iShares MSCI Japan Small-Cap ETF	1.00%
DFJ	WisdomTree Japan SmallCap Dividend Fund	1.17%
JPXN	iShares JPX-Nikkei 400 ETF	1.20%
IDLV	Invesco S&P International Developed Low Volatility ETF	1.24%
EFAV	iShares MSCI EAFE Min Vol Factor ETF	1.32%
FLJP	Franklin FTSE Japan ETF	1.33%
EFAD	ProShares MSCI EAFE Dividend Growers ETF	1.42%

Developed ex-U.S. Most Oversold

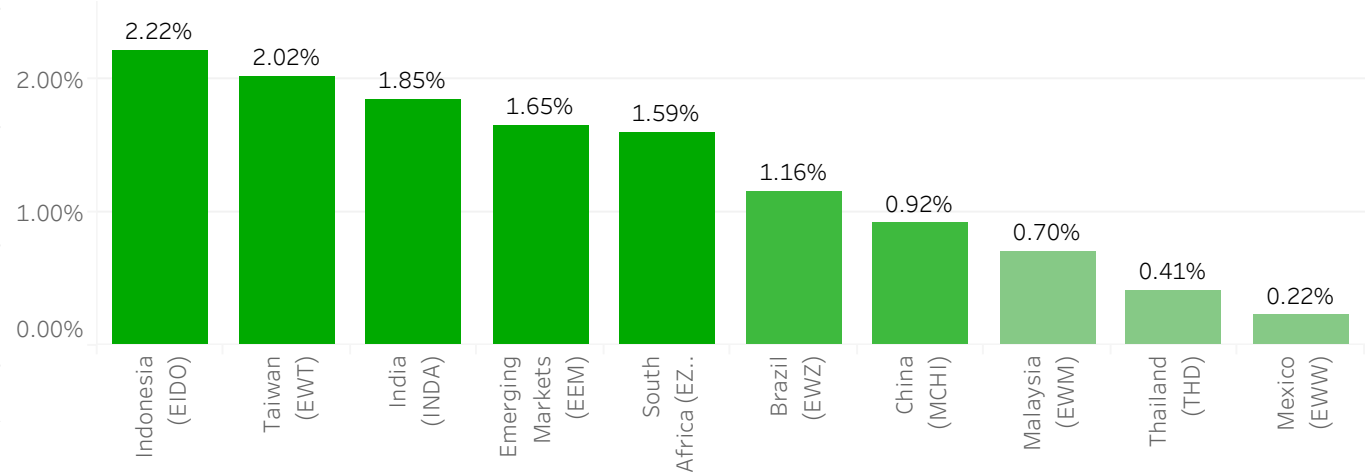
Ticker	Fund	Price
PTIN	Pacer Trendpilot International ETF	41.84
DTH	WisdomTree International High Dividend Fund	42.89
FIDI	Fidelity International High Dividend ETF	43.91
FYLD	Cambria Foreign Shareholder Yield ETF	45.01
IDV	iShares International Select Dividend ETF	45.57
HDEF	Xtrackers MSCI EAFE High Dividend Yield Equity ETF	45.64
GREK	Global X MSCI Greece ETF	45.76
EWP	iShares MSCI Spain ETF	46.22
DFE	WisdomTree Europe SmallCap Dividend Fund	46.23
IMFL	Invesco International Developed Dynamic Multifact..	46.27

*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



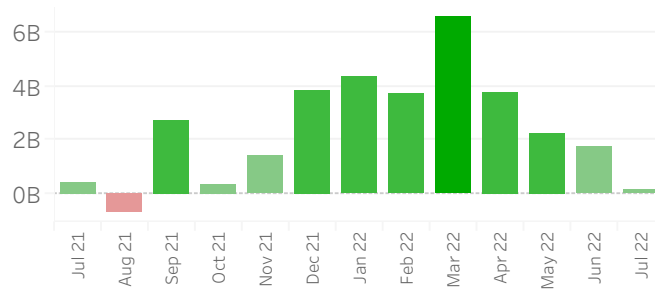
Emerging 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
EPOL	iShares MSCI Poland ETF	3.65%
ECH	iShares MSCI Chile ETF	2.62%
EPU	iShares MSCI Peru ETF	2.62%
SMIN	iShares MSCI India Small Cap ETF	2.48%
TUR	iShares MSCI Turkey ETF	2.35%
EIDO	iShares MSCI Indonesia ETF	2.22%
KSA	iShares MSCI Saudi Arabia ETF	2.19%
FRDM	Freedom 100 Emerging Markets ETF	2.18%
FEMS	First Trust Emerging Markets Small Cap AlphaDEX Fund	2.13%
EPI	WisdomTree India Earnings Fund	2.10%

Emerging Most Overbought

Ticker	Fund	Value
SMIN	iShares MSCI India Small Cap ETF	59.75
INDA	iShares MSCI India ETF	57.96
PIN	Invesco India ETF	57.93
FLIN	Franklin FTSE India ETF	57.39
INDY	iShares India 50 ETF	56.28
KSA	iShares MSCI Saudi Arabia ETF	53.58
ECH	iShares MSCI Chile ETF	52.43
EMGF	iShares MSCI Emerging Markets Multifactor ETF	49.87
FNI	First Trust Chindia ETF	49.68
EPI	WisdomTree India Earnings Fund	49.57

Emerging Monthly Flows



Emerging 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
KBA	KraneShares Bosera MSCI China A 50 Connect Index ETF	-0.22%
EWW	iShares MSCI Mexico ETF	0.22%
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	0.28%
JPEM	J.P. Morgan Diversified Return Emerging Markets Equit..	0.35%
CNYA	iShares MSCI China A ETF	0.36%
THD	iShares MSCI Thailand ETF	0.41%
PGJ	Invesco Golden Dragon China ETF	0.59%
BKF	iShares MSCI BIC ETF	0.65%
EWM	iShares MSCI Malaysia ETF	0.70%
RAYC	Rayliant Quantamental China Equity ETF	0.73%

Emerging Most Oversold

Ticker	Fund	Value
THD	iShares MSCI Thailand ETF	32.99
DEM	WisdomTree Emerging Markets High Dividend Fund	34.15
FLBR	Franklin FTSE Brazil ETF	35.17
EWZS	iShares MSCI Brazil Small-Cap ETF	35.35
EWZ	iShares MSCI Brazil ETF	36.35
DVYE	iShares Emerging Markets Dividend ETF	36.76
JPEM	J.P. Morgan Diversified Return Emerging Markets E..	37.25
SDEM	Global X MSCI SuperDividend Emerging Markets ETF	37.55
FLLA	Franklin FTSE Latin America ETF	37.64
EELV	Invesco S&P Emerging Markets Low Volatility ETF	38.97

*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	-0.14%	1.62%	-9.90%
SHY	1-3 Year Treasury Bonds	-0.11%	0.16%	-3.32%
IEF	7-10 Year Treasury Bonds	-0.46%	1.93%	-10.70%
TLT	20+ Year Treasury Bonds	-0.54%	2.19%	-22.11%
TIP	TIPS Bonds	-0.10%	0.16%	-8.24%
FLOT	Floating Rate Bonds	0.06%	0.26%	-0.84%
LQD	Investment Grade Corporate	0.28%	2.04%	-14.84%
HYG	High Yield Corporate	1.32%	2.76%	-10.85%
BKLN	Senior Loan	1.11%	1.74%	-3.64%
PFF	Preferred & Income Securities	0.66%	4.82%	-13.25%
MUB	Municipal Bonds	-0.06%	1.86%	-6.96%
MBB	MBS	-0.08%	2.51%	-8.15%
EMB	Dollar Denominated EM Bonds	1.46%	-1.89%	-21.23%
LEMB	Local Currency EM Bond	0.73%	-2.34%	-15.02%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	-0.26%	-9.22%	19.72%
DBE	Energy	1.40%	-9.09%	48.65%
USO	WTI Crude Oil	1.61%	-6.35%	43.58%
BNO	Brent Crude Oil	1.39%	-2.93%	53.75%
UNG	Natural Gas	-1.62%	5.28%	99.60%
UGA	Gasoline	1.62%	-9.55%	56.01%
DBP	Precious Metals	0.25%	-8.40%	-10.28%
GLD	Gold	0.24%	-6.85%	-6.68%
SLV	Silver	0.41%	-13.46%	-19.62%
PPLT	abrdn Physical Platin..	1.21%	-6.48%	-9.73%
PALL	abrdn Physical Palla..	1.28%	3.26%	-1.58%
DBB	Base Metals	-0.93%	-13.65%	-18.69%
CPER	Copper	-0.75%	-18.51%	-27.01%
LD	Lead	0.51%	-9.94%	-14.80%
JJN	Nickel	-0.82%	-19.18%	-0.60%
JJU	Aluminum	-2.34%	-8.11%	-15.86%
JJT	Tin	-1.36%	-23.09%	-35.47%
DBA	Agriculture	-0.60%	-8.49%	1.01%
CORN	Corn	-2.07%	-16.56%	11.79%
SOYB	Soybeans	-1.32%	-10.57%	11.91%
WEAT	Wheat	0.36%	-20.85%	13.53%
CANE	Sugar	-1.58%	-0.32%	1.63%
BAL	Cotton	-2.23%	-21.49%	-0.65%
NIB	Cocoa	1.00%	-3.68%	-13.15%
JO	Coffee	1.09%	-4.92%	-4.39%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	-0.63%	2.04%	11.28%
UDN	Short Dollar	0.56%	-2.22%	-10.87%
FXE	Euro	0.78%	-2.67%	-10.65%
FXB	British Pound Sterling	0.40%	-1.76%	-11.39%
FXF	Swiss Franc	0.84%	0.07%	-6.51%
FXJ	Japanese Yen	-0.09%	-2.34%	-16.90%
FXC	Canadian Dollar	0.83%	1.19%	-1.97%
FXA	Australian Dollar	1.29%	-0.54%	-5.27%

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