

Large Cap Blend (S&P 500) IVV



Mid Cap Blend (S&P 400) IJH

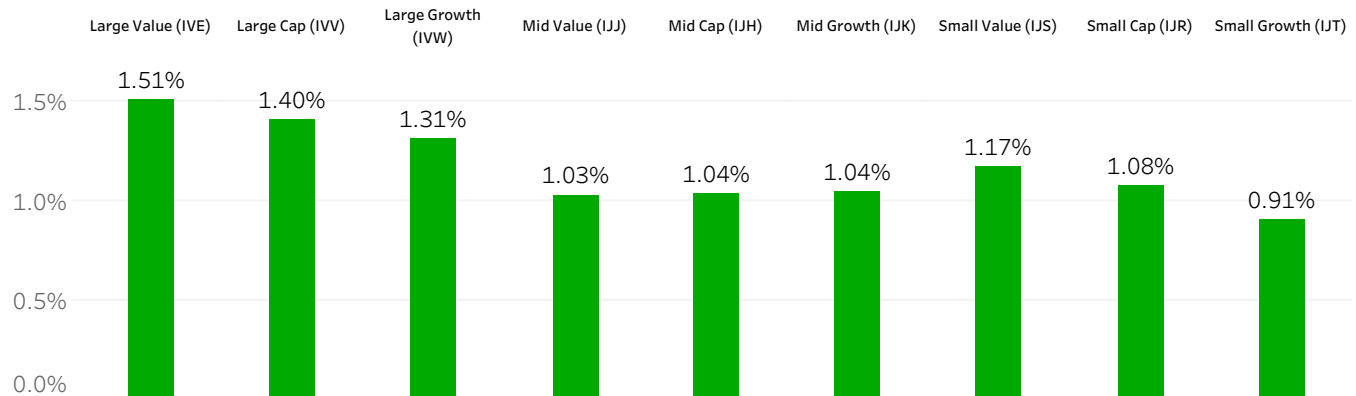


Small Cap Blend (S&P 600) IJR



■ 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
QQQN	VictoryShares Nasdaq Next 50 ETF	2.11%
RECS	Columbia Research Enhanced Core ETF	2.09%
QVAL	Alpha Architect US Quantitative Value ETF	2.04%
QMOM	Momentumshares US Quantitative Momentum ETF	2.00%
FFTY	Innovator IBD 50 ETF	1.98%
RDIV	Invesco S&P Ultra Dividend Revenue ETF	1.98%
UTRN	Vesper U.S. Large Cap Short-Term Reversal Strategy ETF	1.91%
QQQJ	Invesco NASDAQ Next Gen 100 ETF	1.87%
AIEQ	AI Powered Equity ETF	1.87%
FAD	First Trust Multi Cap Growth AlphaDEX Fund	1.84%

Size & Style Most Overbought

Ticker	Fund	Price
SPC	CrossingBridge Pre-Merger SPAC ETF	75.67
PTLC	Pacer Trendpilot US Large Cap ETF	71.31
DEIF	Sterling Capital Diverse Multi-Manager Active ETF	65.89
XRLV	Invesco S&P 500 ex-Rate Sensitive Low Volatility ETF	64.75
LVHD	Franklin U.S. Low Volatility High Dividend Index ETF	64.51
DURA	VanEck Durable High Dividend ETF	64.36
SPLV	Invesco S&P 500 Low Volatility ETF	64.26
ALTL	Pacer Lunt Large Cap Alternator ETF	63.76
HUSV	First Trust Horizon Managed Volatility Domestic ETF	63.48
QVML	Invesco S&P 500 QVM Multi-factor ETF	61.66

Size & Style 1-Day Performance Laggards

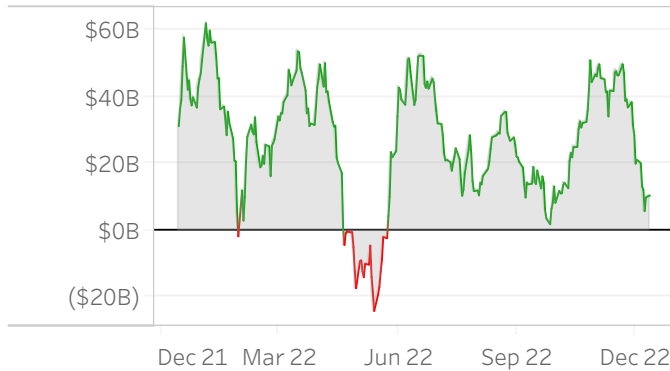
Ticker	Fund	1-Day Performance
ACSI	American Customer Satisfaction ETF	-2.26%
EQRR	ProShares Equities for Rising Rates ETF	-0.44%
ONOF	Global X Adaptive U.S. Risk Management ETF	-0.10%
FDM	First Trust Dow Jones Select MicroCap Index Fund	0.05%
PTLC	Pacer Trendpilot US Large Cap ETF	0.11%
SPC	CrossingBridge Pre-Merger SPAC ETF	0.14%
XSLV	Invesco S&P SmallCap Low Volatility ETF	0.31%
SMMV	iShares MSCI USA Small-Cap Min Vol Factor ETF	0.31%
XSVM	Invesco S&P SmallCap Value with Momentum ETF	0.32%
NZUS	SPDR MSCI USA Climate Paris Aligned ETF	0.32%

Size & Style Most Oversold

Ticker	Fund	Price
FFTY	Innovator IBD 50 ETF	36.07
QMOM	Momentumshares US Quantitative Momentum E..	39.28
QVAL	Alpha Architect US Quantitative Value ETF	43.73
XSMO	Invesco S&P SmallCap Momentum ETF	43.86
CFO	VictoryShares US 500 Enhanced Volatility Wtd ETF	44.17
XSVM	Invesco S&P SmallCap Value with Momentum ETF	44.55
WBI	WBI BullBear Yield 3000 ETF	44.73
AIEQ	AI Powered Equity ETF	44.87
FPX	First Trust US Equity Opportunities ETF	45.02
OMFS	Invesco Russell 2000 Dynamic Multifactor ETF	45.10

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

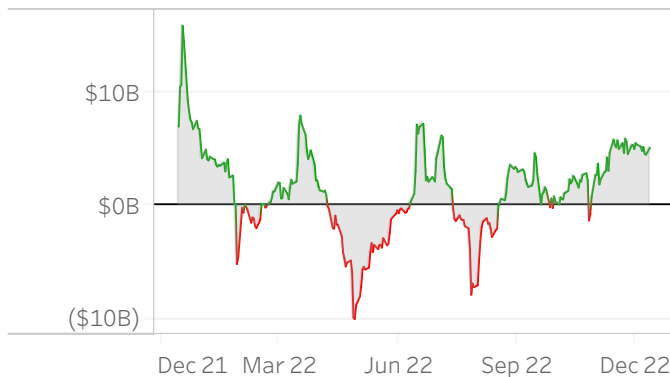
Large-Cap 30-Day Rolling Flows



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	\$1,228B	\$7.55B	\$32.22B	\$57.64B	\$95.91B
Large Cap, Beta Growth, Beta: Growth	10	\$221B	\$1.08B	\$8.77B	\$14.79B	\$21.13B
Large Cap, Beta Growth, Beta: Value	11	\$222B	\$0.73B	\$0.57B	\$1.51B	\$18.57B
Mid Cap, Beta, Beta	10	\$180B	\$0.07B	\$4.16B	\$6.52B	\$12.78B
Mid Cap, Beta, Beta: Growth	6	\$32B	(\$0.23B)	\$0.19B	\$1.13B	\$0.76B
Mid Cap, Beta, Beta: Value	6	\$41B	(\$0.52B)	\$0.92B	\$1.57B	\$1.57B
Small Cap, Beta, Beta	13	\$190B	(\$0.60B)	\$2.67B	\$4.51B	\$2.40B
Small Cap, Beta, Beta: Growth	7	\$31B	\$0.27B	\$0.64B	\$0.73B	\$1.56B
Small Cap, Beta, Beta: Value	7	\$50B	\$0.11B	\$0.82B	(\$0.38B)	(\$1.98B)

U.S. Size & Style Flow Leaders

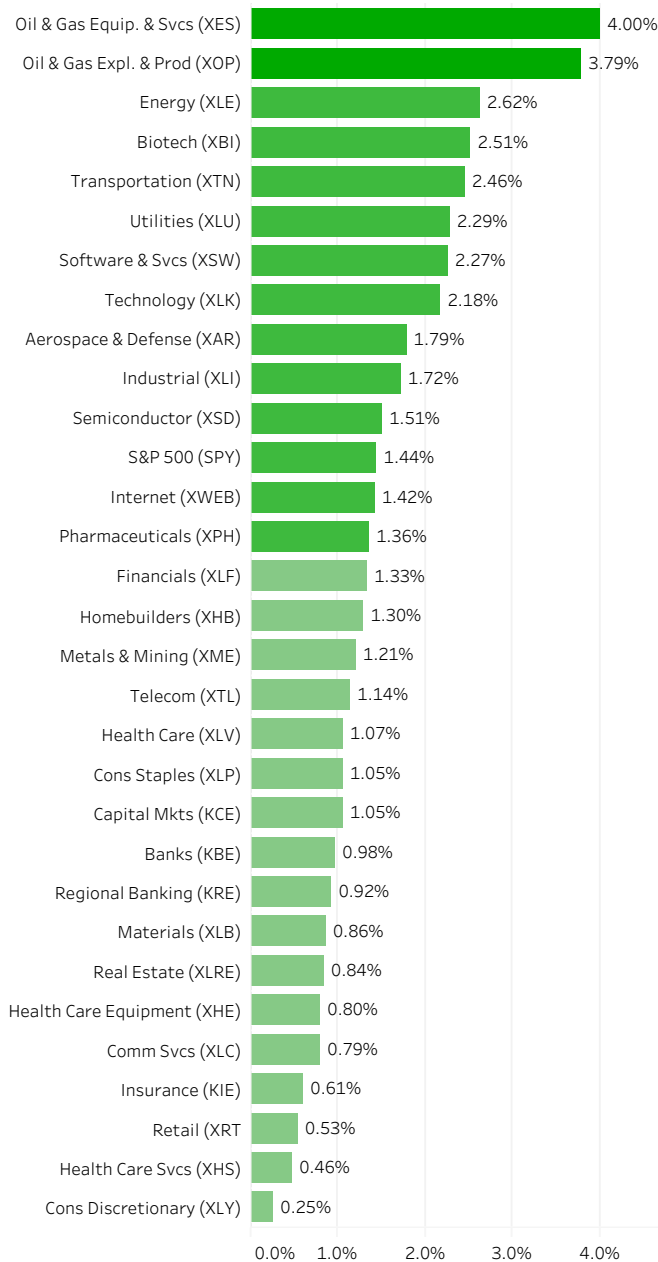
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
SPY	SPDR S&P 500 ETF Trust	\$6.90B	\$14.42B	\$23.54B	\$4.66B	\$372.79B
QQQ	Invesco QQQ Trust	\$1.32B	\$1.06B	\$1.97B	\$8.97B	\$156.32B
DGRW	WisdomTree US Quality Dividend Growth Fund	\$0.97B	\$1.34B	\$1.89B	\$0.44B	\$8.50B
DON	WisdomTree U.S. MidCap Dividend Fund	\$0.72B	\$0.84B	\$0.86B	\$0.49B	\$3.97B
IWF	iShares Russell 1000 Growth ETF	\$0.56B	\$2.33B	\$2.65B	\$2.62B	\$60.80B
VTI	Vanguard Total Stock Market ETF	\$0.52B	\$3.12B	\$13.32B	\$26.85B	\$266.89B
SPYV	SPDR Portfolio S&P 500 Value ETF	\$0.42B	\$1.72B	\$1.68B	\$2.17B	\$14.95B
DHS	WisdomTree U.S. High Dividend Fund	\$0.40B	\$0.56B	\$0.63B	\$0.91B	\$1.81B
SCHD	Schwab US Dividend Equity ETF	\$0.30B	\$4.19B	\$7.44B	\$14.89B	\$43.72B
VONG	Vanguard Russell 1000 Growth ETF	\$0.24B	\$2.29B	\$2.84B	\$3.29B	\$9.35B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
OMFL	Invesco Russell 1000 Dynamic Multifactor ETF	(\$0.70B)	\$0.19B	\$0.28B	\$0.53B	\$2.24B
IVV	iShares Core S&P 500 ETF	(\$0.69B)	\$6.40B	\$7.82B	\$22.96B	\$301.37B
IWM	iShares Russell 2000 ETF	(\$0.68B)	\$1.02B	\$0.08B	(\$4.02B)	\$52.71B
MDYG	SPDR S&P 400 Mid Cap Growth ETF	(\$0.41B)	(\$0.14B)	\$0.12B	\$0.19B	\$1.61B
IJJ	iShares S&P Mid-Cap 400 Value ETF	(\$0.32B)	\$0.03B	\$0.03B	(\$0.99B)	\$7.40B
IVE	iShares S&P 500 Value ETF	(\$0.29B)	\$0.38B	\$0.07B	\$2.55B	\$24.84B
USMV	iShares MSCI USA Min Vol Factor ETF	(\$0.27B)	\$1.03B	\$3.28B	\$2.64B	\$30.39B
MDYV	SPDR S&P 400 Mid Cap Value ETF	(\$0.19B)	\$0.41B	\$0.90B	\$0.90B	\$2.39B
DIA	SPDR Dow Jones Industrial Average ETF Trust	(\$0.15B)	\$1.05B	\$1.27B	\$2.68B	\$30.28B
VOO	Vanguard S&P 500 ETF	(\$0.14B)	\$5.19B	\$15.60B	\$44.76B	\$269.41B

* 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	-2.37%	16.31%	5.84%	6.68%	62.60
XLP	Consumer Staples Select Sector SPDR Fund	-4.82%	15.32%	5.85%	4.10%	61.68
XLI	Industrial Select Sector SPDR Fund	-5.87%	21.64%	6.43%	6.94%	58.78
XLU	Utilities Select Sector SPDR Fund	-7.26%	17.77%	7.68%	1.59%	64.45
XLE	Energy Select Sector SPDR Fund	-9.81%	54.55%	-3.23%	5.84%	40.26
XLB	Materials Select Sector SPDR Fund	-9.86%	21.33%	6.78%	3.16%	57.16
XLF	Financial Select Sector SPDR Fund	-15.52%	15.52%	3.31%	2.32%	51.02
SPY	SPDR S&P 500 ETF Trust	-16.49%	11.89%	3.67%	-0.68%	54.25
XLK	Technology Select Sector SPDR Fund	-24.27%	14.76%	5.08%	-1.96%	55.46
XLRE	Real Estate Select Sector SPDR Fund	-25.46%	14.36%	4.90%	-7.85%	55.86
XLY	Consumer Discretionary Select Sector SPDR Fund	-33.54%	5.86%	-1.18%	-9.73%	45.56
XLC	Communication Services Select Sector SPDR Fund	-36.82%	9.73%	1.16%	-11.54%	50.22

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
PSCE	Invesco S&P SmallCap Energy ETF	4.38%
IEZ	iShares U.S. Oil Equipment & Services ETF	4.20%
XES	SPDR S&P Oil & Gas Equipment & Services ETF	4.00%
PXJ	Invesco Dynamic Oil & Gas Services ETF	3.91%
PXE	Invesco Dynamic Energy Exploration & Production ..	3.89%
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	3.79%
FTXN	First Trust Nasdaq Oil & Gas ETF	3.26%
RYE	Invesco S&P 500 Equal Weight Energy ETF	3.14%
PXI	Invesco DWA Energy Momentum ETF	3.09%
IEO	iShares U.S. Oil & Gas Exploration & Production ETF	3.07%

Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
IDU	iShares U.S. Utilities ETF	64.47
XLU	Utilities Select Sector SPDR Fund	64.45
FUTY	Fidelity MSCI Utilities Index ETF	64.19
PINK	Simplify Health Care ETF	63.94
VPU	Vanguard Utilities ETF	63.79
RYU	Invesco S&P 500 Equal Weight Utilities ETF	63.65
FXU	First Trust Utilities AlphaDEX Fund	63.13
IYK	iShares U.S. Consumer Staples ETF	63.03
XLV	Health Care Select Sector SPDR Fund	62.60
IYH	iShares U.S. Healthcare ETF	62.14

Sector & Industry 1 Day Performance Laggards

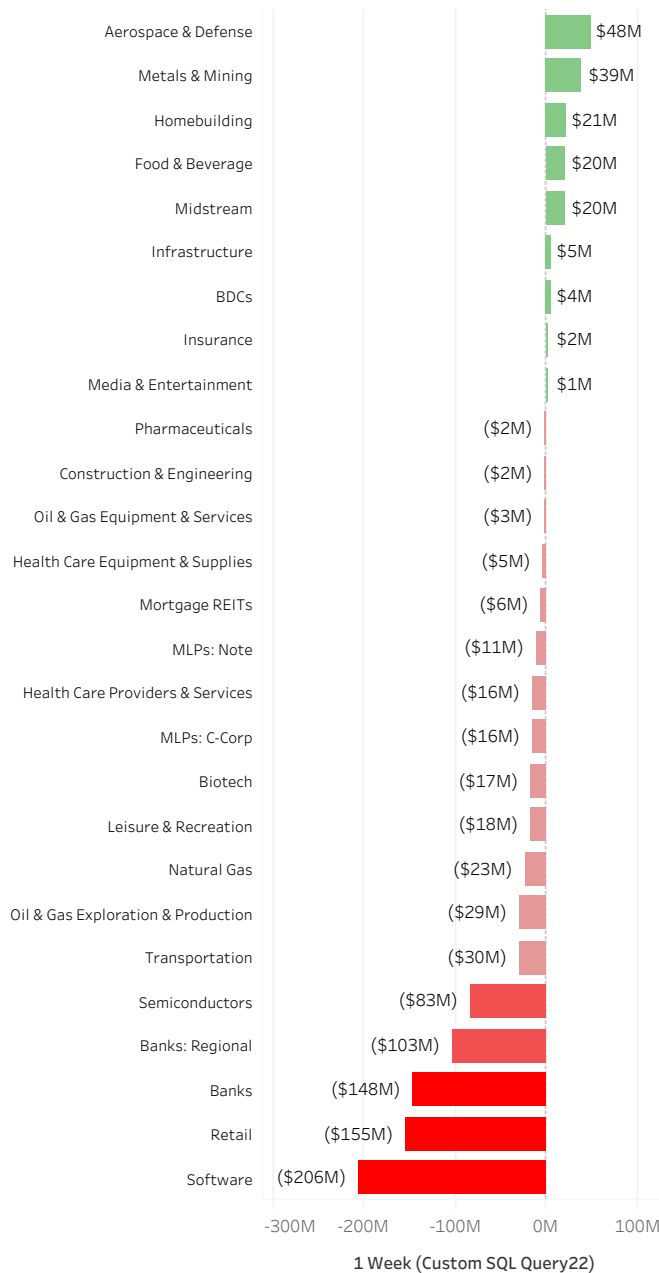
Ticker	Fund	1 Day Performance
NETL	NETLease Corporate Real Estate ETF	-0.42%
KBWD	Invesco KBW High Dividend Yield Financial ETF	-0.13%
KBWY	Invesco KBW Premium Yield Equity REIT ETF	0.10%
KBWP	Invesco KBW Property & Casualty Insurance ETF	0.16%
BIZD	VanEck BDC Income ETF	0.20%
XLY	Consumer Discretionary Select Sector SPDR Fund	0.25%
QABA	First Trust NASDAQ ABA Community Bank Index Fund	0.36%
PSCC	Invesco S&P SmallCap Consumer Staples ETF	0.38%
REZ	iShares Residential and Multisector Real Estate ETF	0.39%
PPTY	US Diversified Real Estate ETF	0.40%

Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
PXE	Invesco Dynamic Energy Exploration & Production ETF	35.67
AMLPP	Alerian MLP ETF	36.13
IEO	iShares U.S. Oil & Gas Exploration & Production ETF	36.90
FTXN	First Trust Nasdaq Oil & Gas ETF	37.16
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	37.22
FCG	First Trust Natural Gas ETF	37.80
AMZA	InfraCap MLP ETF	38.28
PXI	Invesco DWA Energy Momentum ETF	38.32
FXN	First Trust Energy AlphaDEX Fund	39.39
KBWR	Invesco KBW Regional Banking ETF	39.69

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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	7	\$12B	(\$3M)	\$20M	(\$126M)	(\$1,395M)
Consumer Discretionary	12	\$21B	(\$513M)	(\$760M)	(\$1,251M)	(\$7,017M)
Consumer Staples	10	\$30B	\$142M	\$968M	\$2,608M	\$8,562M
Energy	33	\$76B	(\$990M)	\$738M	(\$4,534M)	\$651M
Financials	26	\$59B	(\$339M)	(\$1,795M)	(\$1,654M)	(\$11,045M)
Health Care	23	\$98B	\$255M	\$2,443M	\$3,616M	\$12,980M
Industrial	13	\$30B	(\$109M)	\$284M	(\$900M)	(\$2,659M)
Materials	9	\$14B	\$156M	(\$321M)	(\$3,296M)	(\$947M)
Multi-Sector	19	\$13B	(\$28M)	(\$500M)	(\$2,292M)	(\$6,400M)
Real Estate	25	\$61B	\$386M	(\$198M)	(\$2,639M)	(\$2,656M)
Technology	23	\$116B	(\$278M)	\$2,021M	\$1,058M	\$407M
Utilities	9	\$26B	\$76M	(\$641M)	\$724M	\$5,161M

U.S. Sector & Industry Flow Leaders

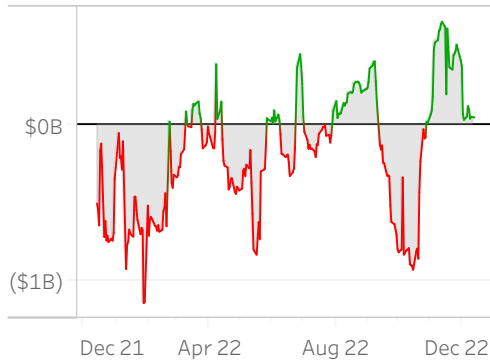
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLV	Health Care Select Sector SPDR Fund	\$378M	\$1,273M	\$1,234M	\$8,511M	\$42,688M
IYR	iShares U.S. Real Estate ETF	\$264M	(\$74M)	(\$817M)	(\$1,520M)	\$3,478M
XLK	Technology Select Sector SPDR Fund	\$164M	\$522M	\$890M	\$1,239M	\$40,026M
XLP	Consumer Staples Select Sector SPDR Fund	\$125M	\$861M	\$1,752M	\$4,978M	\$17,757M
XLB	Materials Select Sector SPDR Fund	\$113M	(\$196M)	(\$1,545M)	(\$1,581M)	\$5,558M
XLU	Utilities Select Sector SPDR Fund	\$78M	(\$368M)	\$538M	\$3,473M	\$16,481M
XLF	Financial Select Sector SPDR Fund	\$61M	(\$1,543M)	(\$637M)	(\$5,775M)	\$31,886M
XLRE	Real Estate Select Sector SPDR Fund	\$46M	\$128M	\$274M	\$878M	\$5,004M
ITA	iShares U.S. Aerospace & Defense ETF	\$44M	\$327M	\$240M	\$1,723M	\$4,428M
XME	SPDR S&P Metals & Mining ETF	\$39M	\$265M	(\$509M)	\$255M	\$2,142M

U.S. Sector & Industry Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLE	Energy Select Sector SPDR Fund	(\$831M)	\$212M	(\$2,377M)	(\$893M)	\$38,173M
XLY	Consumer Discretionary Select Sector SPDR Fu..	(\$354M)	(\$697M)	(\$1,045M)	(\$3,276M)	\$13,476M
IGV	iShares Expanded Tech-Software Sector ETF	(\$205M)	\$775M	\$393M	\$855M	\$4,448M
XRT	SPDR S&P Retail ETF	(\$155M)	(\$29M)	(\$15M)	(\$311M)	\$302M
VGT	Vanguard Information Technology ETF	(\$142M)	(\$410M)	\$147M	\$366M	\$41,344M
XLI	Industrial Select Sector SPDR Fund	(\$125M)	(\$114M)	(\$930M)	(\$2,812M)	\$13,554M
SOXX	iShares Semiconductor ETF	(\$111M)	(\$244M)	(\$692M)	(\$253M)	\$6,192M
KRE	SPDR S&P Regional Banking ETF	(\$102M)	(\$405M)	(\$423M)	(\$1,345M)	\$2,788M
VFH	Vanguard Financials ETF	(\$91M)	(\$218M)	(\$402M)	(\$1,320M)	\$8,786M
KBE	SPDR S&P Bank ETF	(\$85M)	(\$110M)	(\$485M)	(\$880M)	\$1,896M

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Communication Services



Consumer Discretionary



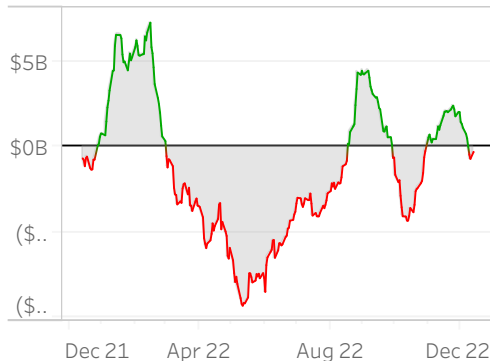
Consumer Staples



Energy



Financials



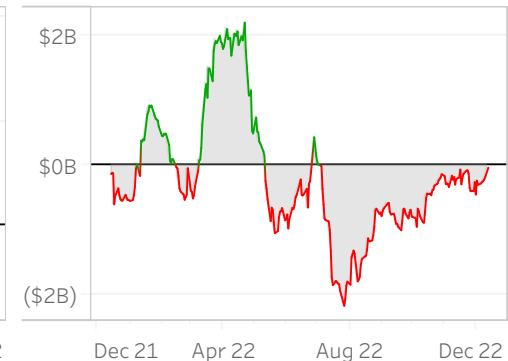
Industrial



Health Care



Materials



Real Estate



Technology



Utilities

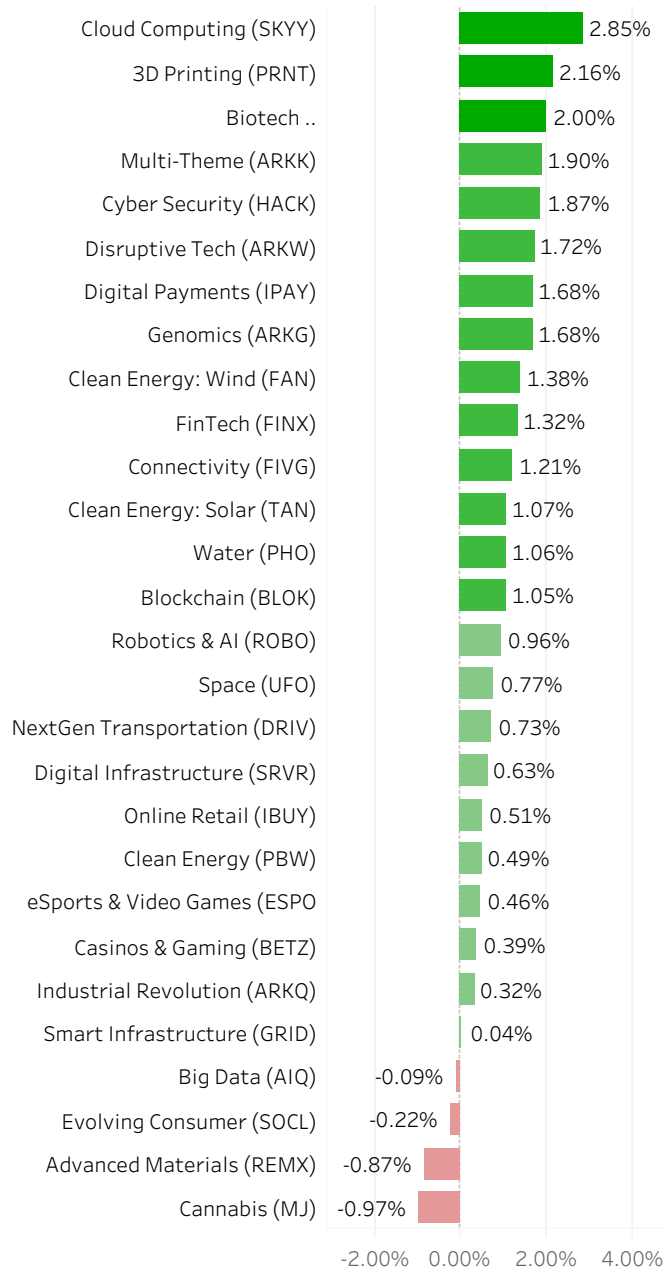


Multi-Sector

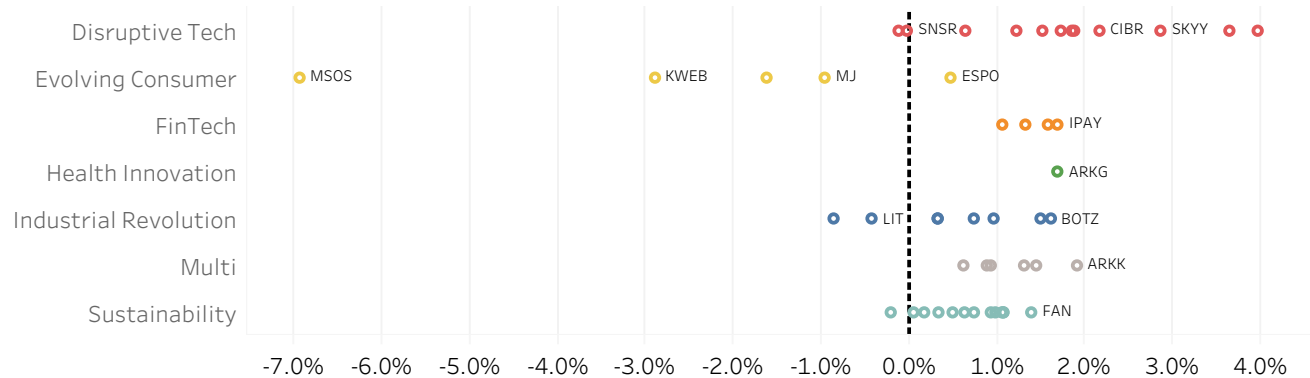


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Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
WCLD	WisdomTree Cloud Computing Fund	3.96%
CLOU	Global X Cloud Computing ETF	3.64%
SKYY	First Trust Cloud Computing ETF	2.85%
CIBR	First Trust NASDAQ Cybersecurity ETF	2.16%
PRNT	3D Printing ETF	2.16%
BTEC	Principal Healthcare Innovators ETF	2.05%
GNOM	Global X Genomics & Biotechnology ETF	2.01%
SBIO	ALPS Medical Breakthroughs ETF	2.00%
ARKK	ARK Innovation ETF	1.90%
HACK	ETFMG Prime Cyber Security ETFMG Prime Cyber Securit..	1.87%

Thematic Most Overbought

Ticker	Fund	Price
BJK	VanEck Gaming ETF	69.23
FAN	First Trust Global Wind Energy ETF	63.29
KWEB	KraneShares CSI China Internet ETF	63.24
SOCL	Global X Social Media ETF	62.99
EMQQ	EMQQ The Emerging Markets Internet & Ecommerce ETF	61.54
EDOC	Global X Telemedicine & Digital Health ETF Registered	61.13
PIO	Invesco Global Water ETF	60.74
ESPO	VanEck Video Gaming and eSports ETF	60.25
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure ..	59.82
SNSR	Global X Internet of Things ETF	59.73

Global Thematic 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
MSOS	AdvisorShares Pure US Cannabis ETF	-6.95%
YOLO	AdvisorShares Pure Cannabis ETF	-4.07%
MJUS	ETFMG U.S. Alternative Harvest ETF	-3.63%
KWEB	KraneShares CSI China Internet ETF	-2.90%
EMQQ	EMQQ The Emerging Markets Internet & Ecommerce E..	-1.63%
BLCN	Siren ETF Trust Siren Nasdaq NexGen Economy ETF	-1.27%
MJ	ETFMG Alternative Harvest ETFMG Alternative Harvest	-0.97%
REMX	VanEck Rare Earth/Strategic Metals ETF	-0.87%
KGRN	KraneShares MSCI China Clean Technology Index ETF	-0.85%
BATT	Amplify Lithium & Battery Technology ETF	-0.82%

Thematic Most Oversold

Ticker	Fund	Price
MSOS	AdvisorShares Pure US Cannabis ETF	35.35
MJUS	ETFMG U.S. Alternative Harvest ETF	35.80
YOLO	AdvisorShares Pure Cannabis ETF	36.33
MJ	ETFMG Alternative Harvest ETFMG Alternative Harvest	40.21
ACES	ALPS Clean Energy ETF	40.61
PBW	Invesco WilderHill Clean Energy ETF	41.48
POTX	Global X Cannabis ETF	41.76
BLOK	Amplify Transformational Data Sharing ETF	43.08
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	43.23
UFO	Procore Space ETF	43.29

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Thematic 1 Week Flow Leaders

Ticker	Fund	
KWEB	KraneShares CSI China Internet ETF	\$95M
MSOS	AdvisorShares Pure US Cannabis ETF	\$28M
BJK	VanEck Gaming ETF	\$19M
TIME	Clockwise Capital Innovation ETF	\$19M
BETZ	Roundhill Sports Betting & iGaming ETF	\$12M
REMX	VanEck Rare Earth/Strategic Metals ETF	\$4M
IBUY	Amplify Online Retail ETF	\$4M
TARK	AXS 2X Innovation ETF	\$4M
GNOM	Global X Genomics & Biotechnology ETF	\$3M
XITK	SPDR FactSet Innovative Technology ETF	\$3M

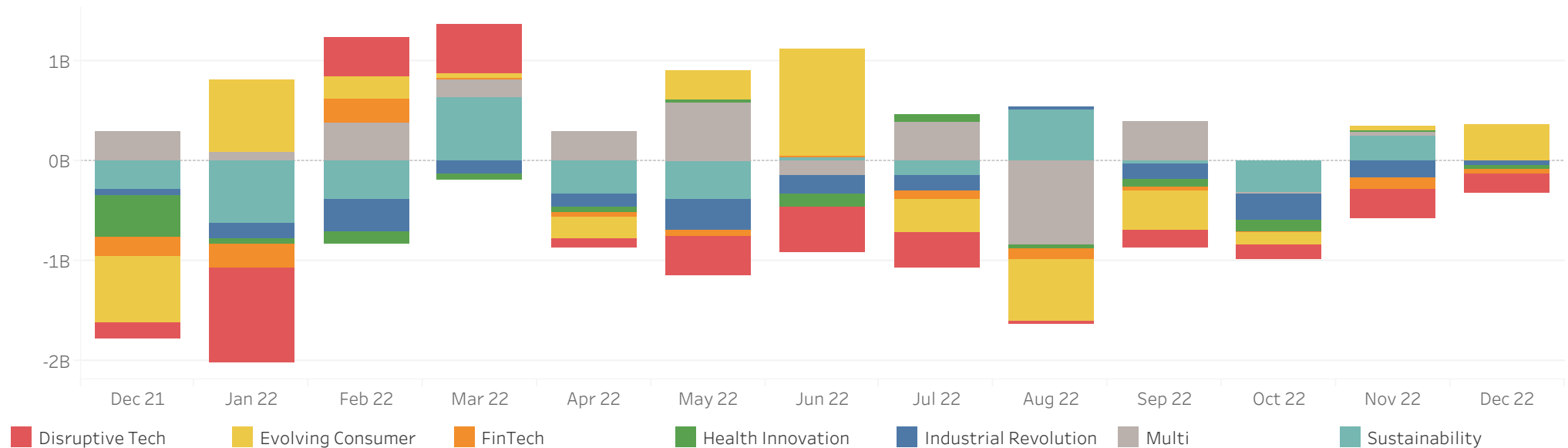
Thematic 1 Week Flow Laggards

Ticker	Fund	
ARKK	ARK Innovation ETF	(\$108M)
SKYY	First Trust Cloud Computing ETF	(\$45M)
CIBR	First Trust NASDAQ Cybersecurity ETF	(\$32M)
ARKG	ARK Genomic Revolution ETF	(\$30M)
ARKW	ARK Next Generation Internet ETF	(\$25M)
LIT	Global X Lithium & Battery Tech ETF	(\$23M)
PBW	Invesco WilderHill Clean Energy ETF	(\$23M)
TAN	Invesco Solar ETF	(\$19M)
FINX	Global X FinTech ETF	(\$17M)
FIVG	Defiance Next Gen Connectivity ETF	(\$11M)

Thematic Landscape Assets & Flows

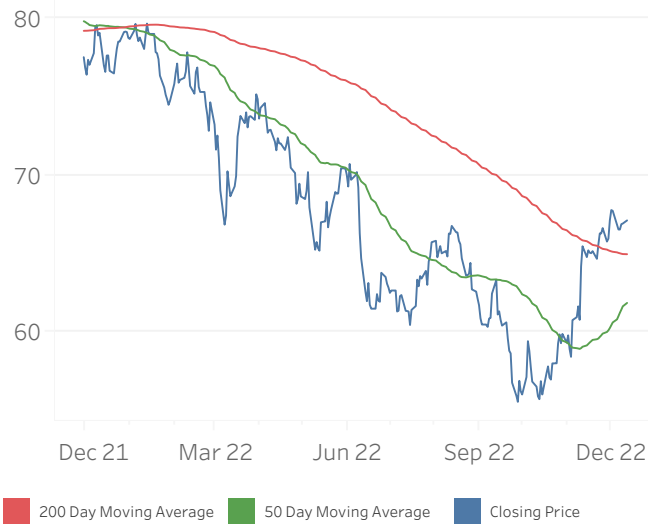
Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	35	\$16B	(\$96M)	(\$760M)	(\$1,362M)	(\$2,319M)
Evolving Consumer	46	\$11B	\$37M	(\$79M)	(\$540M)	\$369M
FinTech	22	\$2B	(\$22M)	(\$202M)	(\$397M)	(\$658M)
Health Innovation	19	\$3B	(\$40M)	(\$202M)	(\$320M)	(\$989M)
Industrial Revolution	32	\$11B	(\$33M)	(\$566M)	(\$920M)	(\$2,070M)
Multi	40	\$14B	(\$56M)	\$213M	\$205M	\$1,641M
Sustainability	40	\$19B	(\$39M)	(\$92M)	\$374M	(\$1,078M)
Grand Total	234	\$75B	(\$248M)	(\$1,687M)	(\$2,959M)	(\$5,104M)

Thematic Monthly Flows

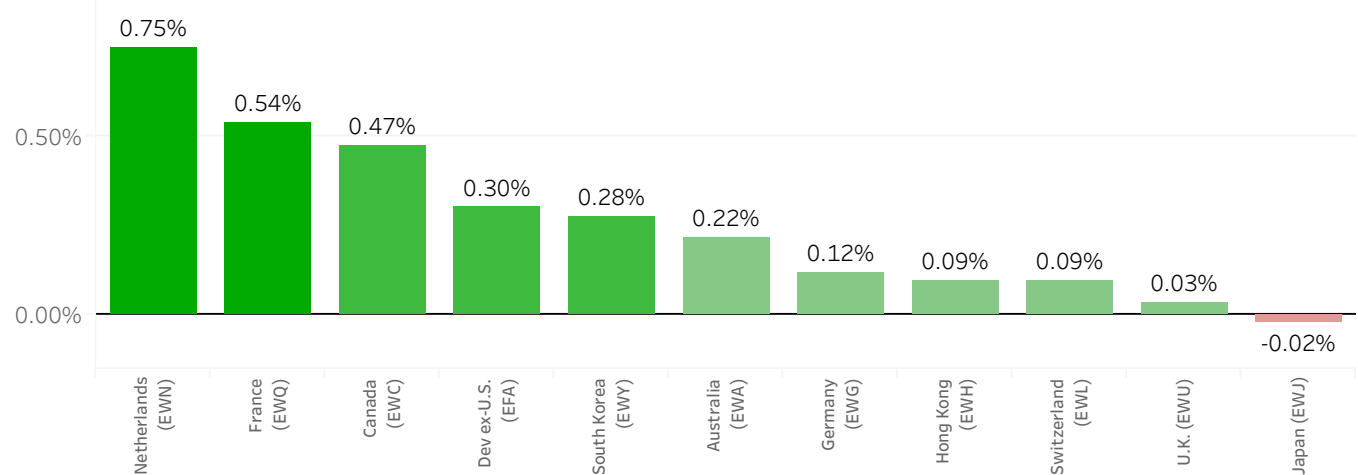


* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

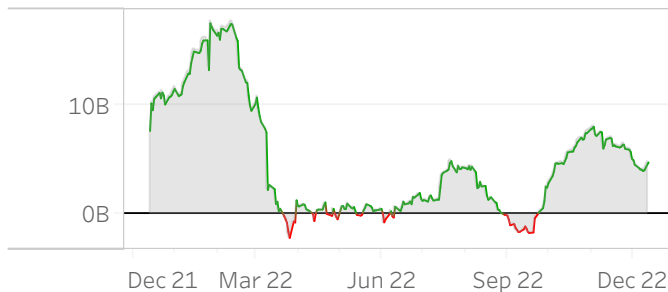
Developed ex-U.S. (EFA)



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



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



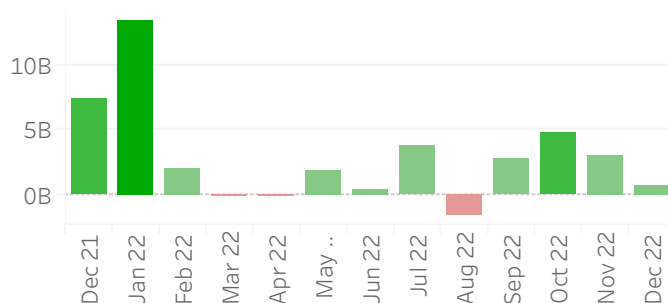
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
EIS	iShares MSCI Israel ETF	1.14%
EWI	iShares MSCI Italy ETF	1.10%
TOK	iShares MSCI Kokusai ETF	1.08%
HEWJ	iShares Currency Hedged MSCI Japan ETF	0.87%
NORW	Global X MSCI Norway ETF	0.81%
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	0.80%
GREK	Global X MSCI Greece ETF	0.79%
EWN	iShares MSCI Netherlands ETF	0.75%
ISRA	VanEck Israel ETF	0.73%
BBCA	JPMorgan BetaBuilders Canada ETF	0.66%

Developed ex-U.S. Most Overbought

Ticker	Fund	Value
EDEN	iShares MSCI Denmark ETF	72.22
HDEF	Xtrackers MSCI EAFE High Dividend Yield Equity ETF	72.03
EWH	iShares MSCI Hong Kong ETF	71.47
IDV	iShares International Select Dividend ETF	69.51
IMFL	Invesco International Developed Dynamic Multifactor ETF	68.27
FLGB	Franklin FTSE United Kingdom ETF	67.95
EWU	iShares MSCI United Kingdom ETF	66.87
DOL	WisdomTree International LargeCap Dividend Fund	66.81
GSID	Goldman Sachs MarketBeta International Equity ETF	66.77
EUDG	WisdomTree Europe Quality Dividend Growth Fund	66.66

Developed ex-U.S. Monthly Flows



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

Ticker	Fund	1-Day Performance
FJP	First Trust Japan AlphaDEX Fund	-1.20%
FSZ	First Trust Switzerland AlphaDEX Fund	-0.93%
AIA	iShares Asia 50 ETF	-0.60%
ENZL	iShares MSCI New Zealand ETF	-0.58%
FDT	First Trust Developed Markets ex-US AlphaDEX Fund	-0.45%
MINV	Matthews Asia Innovators Active ETF	-0.40%
DEEF	Xtrackers FTSE Developed ex US Multifactor ETF	-0.35%
AIWI	WisdomTree International AI Enhanced Value Fund	-0.33%
ISDX	Invesco RAFI Strategic Developed ex-US ETF	-0.26%
IEUS	iShares MSCI Europe Small-Cap ETF	-0.24%

Developed ex-U.S. Most Oversold

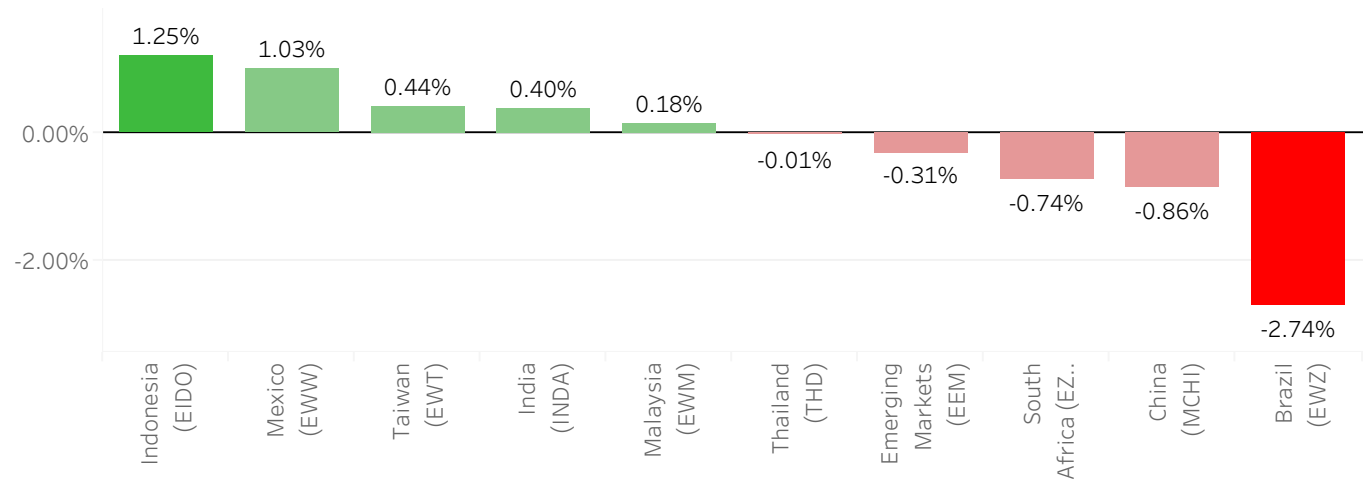
Ticker	Fund	Value
HEWJ	iShares Currency Hedged MSCI Japan ETF	15.70
HSCZ	iShares Currency Hedged MSCI EAFE Small-Cap ETF	20.32
HEFA	iShares Currency Hedged MSCI EAFE ETF	22.74
DBEF	Xtrackers MSCI EAFE Hedged Equity ETF	25.79
HEZU	iShares Currency Hedged MSCI Eurozone ETF	27.58
IHDG	WisdomTree International Hedged Quality Dividend ..	31.19
LVHI	Franklin International Low Volatility High Dividend I..	39.57
EIS	iShares MSCI Israel ETF	46.83
EWQ	iShares MSCI Canada ETF	48.05
FLCA	Franklin FTSE Canada ETF	48.10

*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)



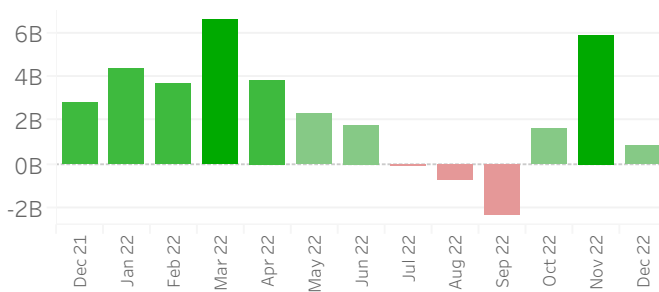
Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
TUR	iShares MSCI Turkey ETF	4.40%
EPOL	iShares MSCI Poland ETF	2.35%
EYLD	Cambria Emerging Shareholder Yield ETF	1.28%
EIDO	iShares MSCI Indonesia ETF	1.25%
FEM	First Trust Emerging Markets AlphaDEX Fund	1.10%
EWW	iShares MSCI Mexico ETF	1.03%
FEMS	First Trust Emerging Markets Small Cap AlphaDEX Fund	0.94%
SMIN	iShares MSCI India Small Cap ETF	0.88%
AVES	Avantis Emerging Markets Value ETF	0.52%
INDY	iShares India 50 ETF	0.45%

Emerging Most Overbought

Ticker	Fund	Price
FEMS	First Trust Emerging Markets Small Cap AlphaDEX Fu..	72.20
TUR	iShares MSCI Turkey ETF	71.54
ECNS	iShares MSCI China Small-Cap ETF	69.71
EPOL	iShares MSCI Poland ETF	68.01
FM	iShares MSCI Frontier and Select EM ETF	66.80
EWM	iShares MSCI Malaysia ETF	66.28
EWX	SPDR S&P Emerging Markets Small Cap ETF	64.99
DGS	WisdomTree Emerging Markets SmallCap Dividend F..	64.84
FLCH	Franklin FTSE China ETF	64.67
MCHI	iShares MSCI China ETF	64.56

Emerging 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
PGJ	Invesco Golden Dragon China ETF	-3.00%
EWZ	iShares MSCI Brazil ETF	-2.74%
FLBR	Franklin FTSE Brazil ETF	-2.53%
EWZS	iShares MSCI Brazil Small-Cap ETF	-1.78%
KSA	iShares MSCI Saudi Arabia ETF	-1.65%
FNI	First Trust Chindia ETF	-1.55%
ILF	iShares Latin America 40 ETF	-1.49%
FLLA	Franklin FTSE Latin America ETF	-1.33%
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	-1.31%
FXI	iShares China Large-Cap ETF	-1.17%

Emerging Most Oversold

Ticker	Fund	Price
KSA	iShares MSCI Saudi Arabia ETF	26.56
QAT	iShares MSCI Qatar ETF	30.49
EWZS	iShares MSCI Brazil Small-Cap ETF	35.15
FLBR	Franklin FTSE Brazil ETF	39.30
EWZ	iShares MSCI Brazil ETF	39.71
ILF	iShares Latin America 40 ETF	41.25
FLLA	Franklin FTSE Latin America ETF	41.84
EIDO	iShares MSCI Indonesia ETF	42.78
MFEM	PIMCO RAFI Dynamic Multi-Factor Emerging Market..	43.07
FNDE	Schwab Fundamental Emerging Markets Large Co. I..	45.37

*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	0.02%	2.62%	-11.59%
SHY	1-3 Year Treasury Bonds	-0.06%	0.24%	-3.97%
IEF	7-10 Year Treasury Bonds	-0.14%	2.05%	-13.62%
TLT	20+ Year Treasury Bonds	0.32%	9.22%	-26.51%
TIP	TIPS Bonds	0.01%	1.38%	-10.88%
FLOT	Floating Rate Bonds	0.02%	0.37%	0.73%
LQD	Investment Grade Corporate	-0.13%	4.30%	-15.63%
HYG	High Yield Corporate	0.39%	1.61%	-9.42%
BKLN	Senior Loan	0.14%	-0.45%	-2.06%
PFF	Preferred & Income Securities	0.38%	-0.88%	-16.49%
MUB	Municipal Bonds	-0.12%	2.38%	-7.02%
MBB	MBS	0.02%	2.24%	-10.62%
EMB	Dollar Denominated EM Bonds	0.37%	3.90%	-17.21%
LEMB	Local Currency EM Bond	-0.43%	2.11%	-11.68%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	1.11%	-3.92%	17.07%
DBE	Energy	2.29%	-13.53%	28.40%
USO	WTI Crude Oil	2.48%	-13.40%	18.49%
BNO	Brent Crude Oil	2.22%	-17.59%	23.43%
UNG	Natural Gas	3.37%	3.91%	59.41%
UGA	Gasoline	1.10%	-18.61%	23.34%
DBP	Precious Metals	-0.75%	2.00%	-3.90%
GLD	Gold	-0.83%	0.68%	-3.09%
SLV	Silver	-0.46%	7.57%	-0.23%
PPLT	abrdn Physical Platin..	-1.94%	-2.63%	3.43%
PALL	abrdn Physical Palla..	-3.38%	-7.23%	-0.96%
DBB	Base Metals	-0.39%	2.92%	-8.27%
CPER	Copper	-0.86%	-2.95%	-15.36%
LD	Lead	0.48%	1.45%	-3.06%
JJN	Nickel	3.16%	8.43%	43.22%
JJU	Aluminum	-2.46%	-1.14%	-14.45%
JJT	Tin	-0.19%	14.26%	-35.36%
DBA	Agriculture	0.87%	-1.74%	-0.10%
CORN	Corn	1.24%	-1.25%	20.98%
SOYB	Soybeans	-1.54%	0.37%	20.84%
WEAT	Wheat	2.55%	-9.48%	3.38%
CANE	Sugar	-0.53%	-0.64%	1.41%
BAL	Cotton	-2.11%	-7.53%	-12.12%
NIB	Cocoa	-0.18%	-0.34%	-7.40%
JO	Coffee	6.07%	0.16%	-21.99%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	0.07%	-0.94%	10.73%
UDN	Short Dollar	-0.05%	1.16%	-9.34%
FXE	Euro	0.04%	1.71%	-8.09%
FXB	British Pound Sterling	0.07%	3.66%	-9.11%
FXF	Swiss Franc	-0.15%	0.50%	-3.51%
FXJ	Japanese Yen	-0.79%	0.62%	-16.89%
FXC	Canadian Dollar	0.27%	-2.57%	-7.11%
FXA	Australian Dollar	-0.61%	0.65%	-7.29%

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Contact us at:

team@etfaction.com

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