

Large Cap Blend (S&P 500) IVV



Mid Cap Blend (S&P 400) IJH

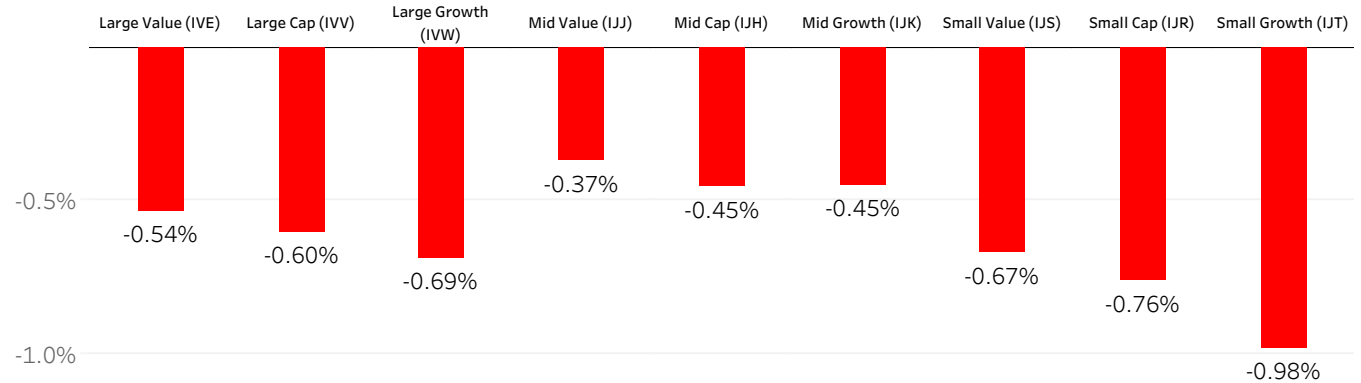


Small Cap Blend (S&P 600) IJR



■ 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
CLRG	IQ Chaikin U.S. Large Cap ETF	0.30%
FYX	First Trust Small Cap Core AlphaDEX Fund	0.28%
ABEQ	Absolute Select Value ETF	0.19%
FNX	First Trust Mid Cap Core AlphaDEX Fund	0.19%
ONOF	Global X Adaptive U.S. Risk Management ETF	0.15%
RYJ	Invesco Raymond James SB-1 Equity ETF	0.10%
RUFF	Alpha Dog ETF	0.06%
PTLC	Pacer Trendpilot US Large Cap ETF	0.04%
ISMD	Inspire Small/Mid Cap ETF	0.03%
QQXT	First Trust Nasdaq-100 Ex-Technology Sector Index Fund	0.02%

Size & Style Most Overbought

Ticker	Fund	Value
SPC	CrossingBridge Pre-Merger SPAC ETF	68.10
PTLC	Pacer Trendpilot US Large Cap ETF	66.99
DURA	VanEck Durable High Dividend ETF	65.59
DEIF	Sterling Capital Diverse Multi-Manager Active ETF	64.48
XRLV	Invesco S&P 500 ex-Rate Sensitive Low Volatility ETF	64.22
SPLV	Invesco S&P 500 Low Volatility ETF	62.80
LVHD	Franklin U.S. Low Volatility High Dividend Index ETF	62.66
QVML	Invesco S&P 500 QVM Multi-factor ETF	62.57
HUSV	First Trust Horizon Managed Volatility Domestic ETF	62.22
ABEQ	Absolute Select Value ETF	61.89

Size & Style 1-Day Performance Laggards

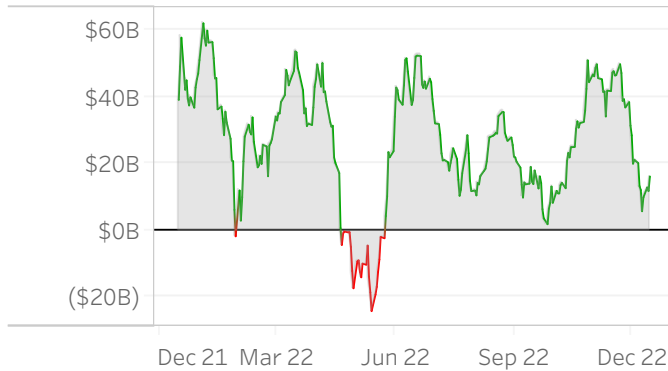
Ticker	Fund	1-Day Performance
EQRR	ProShares Equities for Rising Rates ETF	-3.09%
CSF	VictoryShares US Discovery Enhanced Volatility Wtd ETF	-1.43%
UTRN	Vesper U.S. Large Cap Short-Term Reversal Strategy ETF	-1.27%
RDVY	First Trust Rising Dividend Achievers ETF	-1.24%
XSLV	Invesco S&P SmallCap Low Volatility ETF	-1.23%
CFO	VictoryShares US 500 Enhanced Volatility Wtd ETF	-1.20%
WBIY	WBI Power Factor High Dividend ETF	-1.11%
XSMO	Invesco S&P SmallCap Momentum ETF	-1.08%
CDC	VictoryShares US EQ Income Enhanced Volatility Wtd ETF	-1.07%
SVAL	iShares US Small Cap Value Factor ETF	-1.07%

Size & Style Most Oversold

Ticker	Fund	Value
FFTY	Innovator IBD 50 ETF	37.96
QMOM	Momentumshares US Quantitative Momentum E..	40.19
SVAL	iShares US Small Cap Value Factor ETF	40.42
CSF	VictoryShares US Discovery Enhanced Volatility Wtd..	40.90
XSMO	Invesco S&P SmallCap Momentum ETF	41.05
XSVM	Invesco S&P SmallCap Value with Momentum ETF	41.88
XSLV	Invesco S&P SmallCap Low Volatility ETF	43.13
CFO	VictoryShares US 500 Enhanced Volatility Wtd ETF	43.29
QVAL	Alpha Architect US Quantitative Value ETF	43.71
WBIG	WBI BullBear Yield 3000 ETF	43.88

*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	\$1,260B	\$12.81B	\$46.42B	\$61.93B	\$96.84B
Large Cap, Beta Growth, Beta: Growth	10	\$228B	\$0.97B	\$8.75B	\$15.07B	\$20.46B
Large Cap, Beta Growth, Beta: Value	11	\$228B	\$2.65B	\$1.91B	\$1.60B	\$19.96B
Mid Cap, Beta, Beta	10	\$186B	\$2.41B	\$4.55B	\$5.70B	\$10.89B
Mid Cap, Beta, Beta: Growth	6	\$34B	\$0.55B	\$0.18B	\$1.08B	\$0.55B
Mid Cap, Beta, Beta: Value	6	\$42B	\$0.72B	\$1.23B	\$1.02B	\$1.86B
Small Cap, Beta, Beta	13	\$196B	\$2.91B	\$4.16B	\$3.07B	\$2.61B
Small Cap, Beta, Beta: Growth	7	\$32B	\$0.65B	\$0.84B	\$0.69B	\$1.08B
Small Cap, Beta, Beta: Value	7	\$52B	\$1.27B	\$1.12B	(\$0.87B)	(\$1.98B)

U.S. Size & Style Flow Leaders

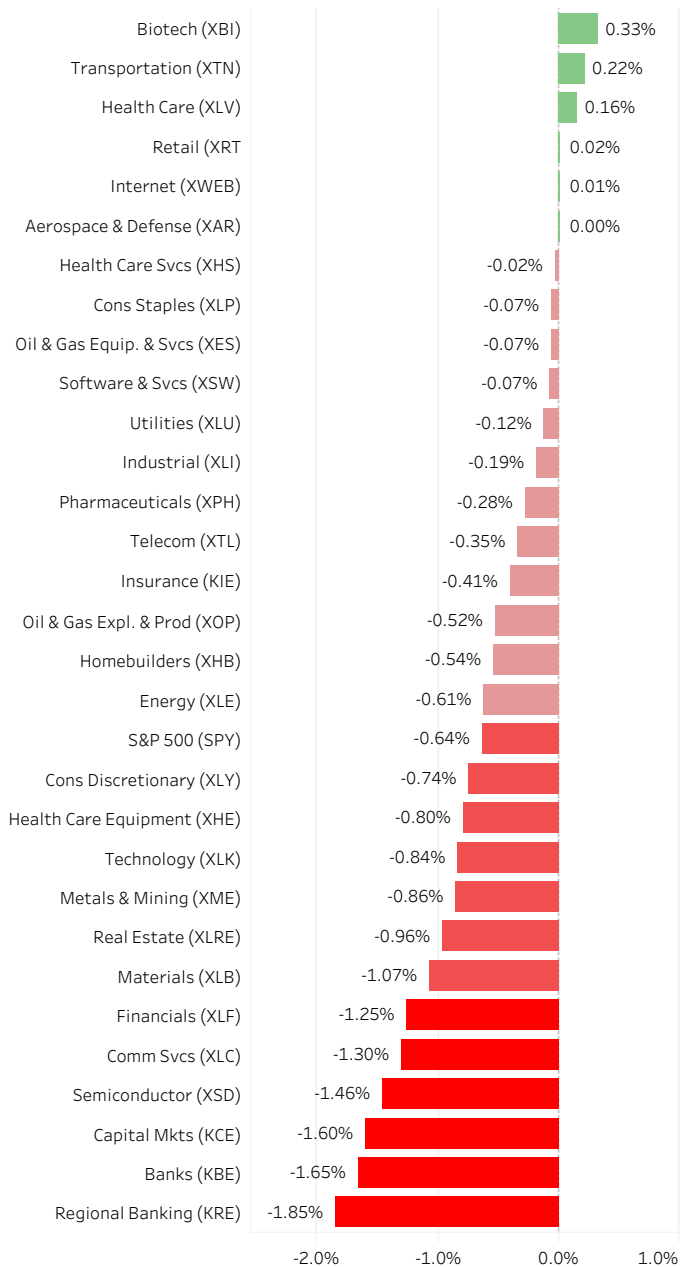
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
SPY	SPDR S&P 500 ETF Trust	\$9.94B	\$26.38B	\$24.36B	\$0.22B	\$385.51B
VO	Vanguard Mid-Cap ETF	\$2.35B	\$1.21B	\$0.90B	\$2.87B	\$54.62B
IVV	iShares Core S&P 500 ETF	\$2.34B	\$9.35B	\$11.67B	\$30.31B	\$309.50B
VTI	Vanguard Total Stock Market ETF	\$2.17B	\$5.33B	\$11.20B	\$24.51B	\$274.46B
VTV	Vanguard Value ETF	\$2.14B	(\$2.69B)	(\$2.01B)	\$12.22B	\$103.17B
IWM	iShares Russell 2000 ETF	\$1.37B	\$2.85B	(\$0.47B)	(\$2.31B)	\$54.88B
VB	Vanguard Small-Cap ETF	\$1.37B	\$0.22B	(\$1.00B)	(\$0.82B)	\$43.79B
VBR	Vanguard Small Cap Value ETF	\$1.20B	\$0.84B	\$0.15B	\$0.19B	\$25.77B
VOE	Vanguard Mid-Cap Value ETF	\$0.75B	\$0.52B	(\$0.26B)	\$2.03B	\$17.40B
QQQ	Invesco QQQ Trust	\$0.47B	\$2.37B	\$1.20B	\$7.71B	\$159.25B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
VOO	Vanguard S&P 500 ETF	(\$0.25B)	\$3.36B	\$15.45B	\$43.91B	\$275.14B
PKW	Invesco Buyback Achievers ETF	(\$0.23B)	\$0.39B	\$0.27B	\$0.22B	\$1.61B
ESML	iShares ESG Aware MSCI USA Small-Cap ETF	(\$0.13B)	(\$0.12B)	(\$0.07B)	\$0.29B	\$1.37B
IJH	iShares Core S&P Mid-Cap ETF	(\$0.09B)	\$2.35B	\$3.30B	\$5.26B	\$65.09B
USMV	iShares MSCI USA Min Vol Factor ETF	(\$0.05B)	\$1.14B	\$3.35B	\$2.75B	\$30.85B
RDVY	First Trust Rising Dividend Achievers ETF	(\$0.05B)	(\$0.48B)	(\$0.61B)	\$1.76B	\$8.31B
VLUE	iShares MSCI USA Value Factor ETF	(\$0.04B)	(\$0.42B)	(\$1.42B)	(\$6.24B)	\$8.07B
QQQE	Direxion NASDAQ-100 Equal Weighted Index ..	(\$0.03B)	(\$0.32B)	(\$0.28B)	\$0.11B	\$0.44B
BBUS	JP Morgan Betabuilders U.S. Equity ETF	(\$0.03B)	\$0.11B	\$0.24B	\$0.63B	\$1.35B
PDP	Invesco DWA Momentum ETF	(\$0.03B)	(\$0.05B)	(\$0.08B)	(\$0.42B)	\$1.10B

* 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	-1.91%	16.86%	5.90%	7.08%	64.25
XLP	Consumer Staples Select Sector SPDR Fund	-5.01%	15.08%	5.18%	3.83%	60.32
XLI	Industrial Select Sector SPDR Fund	-5.69%	21.87%	6.05%	7.11%	59.07
XLU	Utilities Select Sector SPDR Fund	-7.09%	17.98%	7.58%	1.74%	64.62
XLE	Energy Select Sector SPDR Fund	-8.66%	55.22%	-2.27%	7.05%	44.06
XLB	Materials Select Sector SPDR Fund	-9.59%	21.69%	6.53%	3.44%	56.68
XLF	Financial Select Sector SPDR Fund	-16.37%	14.36%	1.96%	1.34%	46.94
SPY	SPDR S&P 500 ETF Trust	-16.39%	12.01%	3.54%	-0.52%	54.05
XLK	Technology Select Sector SPDR Fund	-23.69%	15.14%	5.16%	-1.55%	55.54
XLRE	Real Estate Select Sector SPDR Fund	-24.55%	15.75%	5.91%	-6.59%	58.17
XLY	Consumer Discretionary Select Sector SPDR Fund	-34.03%	5.07%	-1.70%	-10.24%	43.27
XLC	Communication Services Select Sector SPDR Fund	-36.56%	10.13%	1.54%	-10.99%	50.88

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
IHE	iShares U.S. Pharmaceuticals ETF	0.77%
PJP	Invesco Dynamic Pharmaceuticals ETF	0.60%
IBB	iShares Biotechnology ETF	0.54%
FBT	First Trust NYSE Arca Biotechnology Index Fund	0.47%
XBI	SPDR S&P BIOTECH ETF	0.33%
IYT	iShares US Transportation ETF	0.32%
FXH	First Trust Health Care AlphaDEX Fund	0.27%
ITA	iShares U.S. Aerospace & Defense ETF	0.26%
PPA	Invesco Aerospace & Defense ETF	0.26%
FXG	First Trust Consumer Staples AlphaDEX Fund	0.25%

Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
XLU	Utilities Select Sector SPDR Fund	64.62
XLV	Health Care Select Sector SPDR Fund	64.25
VPU	Vanguard Utilities ETF	64.21
FUTY	Fidelity MSCI Utilities Index ETF	64.11
RYU	Invesco S&P 500 Equal Weight Utilities ETF	63.83
FXU	First Trust Utilities AlphaDEX Fund	63.81
PINK	Simplify Health Care ETF	63.81
IYH	iShares U.S. Healthcare ETF	63.49
IHE	iShares U.S. Pharmaceuticals ETF	62.95
RYH	Invesco S&P 500 Equal Weight Health Care ETF	62.77

Sector & Industry 1 Day Performance Laggards

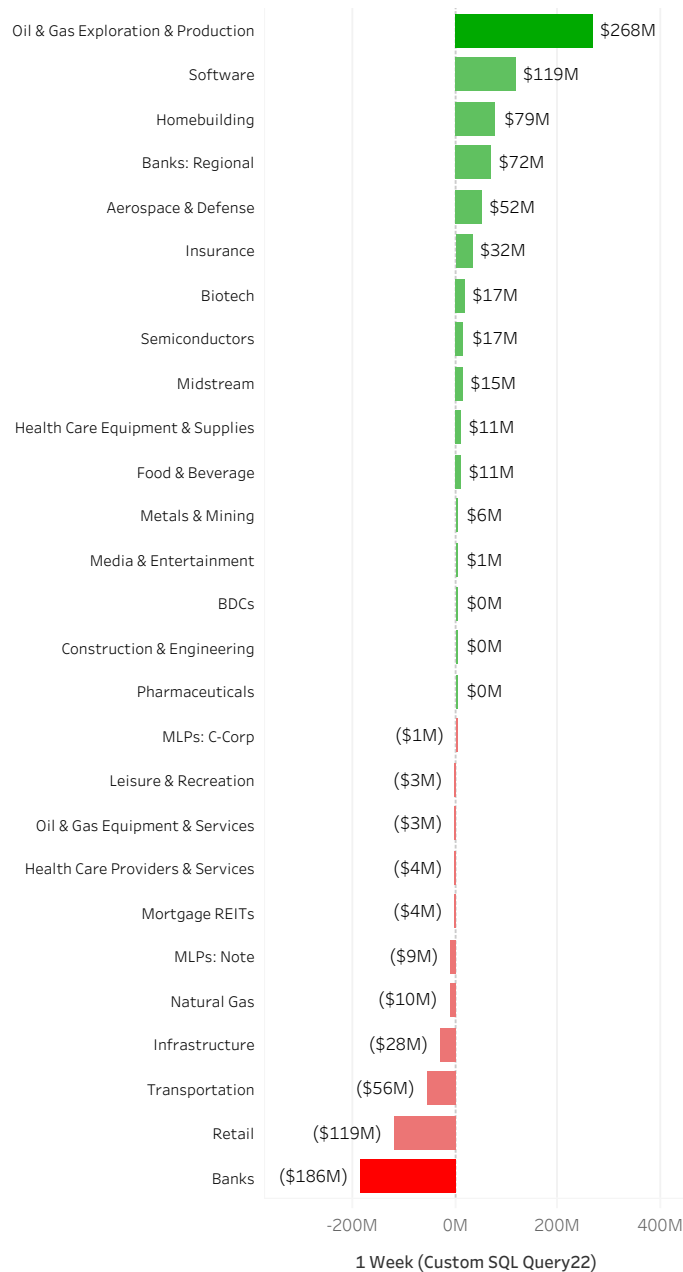
Ticker	Fund	1 Day Performance
IYZ	iShares U.S. Telecommunications ETF	-2.40%
IAT	iShares U.S. Regional Banks ETF	-1.91%
PSI	Invesco Dynamic Semiconductors ETF	-1.86%
KRE	SPDR S&P Regional Banking ETF	-1.85%
IAI	iShares U.S. Broker-Dealers & Securities Exchanges ETF	-1.75%
KBWB	Invesco KBW Bank ETF	-1.67%
KBE	SPDR S&P Bank ETF	-1.65%
KCE	SPDR S&P Capital Markets ETF	-1.60%
QABA	First Trust NASDAQ ABA Community Bank Index Fund	-1.57%
KBWR	Invesco KBW Regional Banking ETF	-1.54%

Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
KBWR	Invesco KBW Regional Banking ETF	31.41
KRE	SPDR S&P Regional Banking ETF	32.47
QABA	First Trust NASDAQ ABA Community Bank Index Fund	33.38
KBE	SPDR S&P Bank ETF	35.01
IAT	iShares U.S. Regional Banks ETF	35.08
FTXO	First Trust Nasdaq Bank ETF	35.56
IEO	iShares U.S. Oil & Gas Exploration & Production ETF	37.33
PXE	Invesco Dynamic Energy Exploration & Production ETF	37.78
AML	Alerian MLP ETF	39.31
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	40.06

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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	\$76M	\$124M	(\$108M)	(\$1,214M)
Consumer Discretionary	12	\$21B	\$51M	(\$713M)	(\$1,127M)	(\$6,731M)
Consumer Staples	10	\$31B	\$215M	\$1,247M	\$2,954M	\$8,430M
Energy	33	\$80B	\$262M	\$861M	(\$3,397M)	\$785M
Financials	26	\$60B	\$312M	(\$717M)	(\$1,191M)	(\$10,642M)
Health Care	23	\$99B	\$361M	\$2,343M	\$3,673M	\$12,847M
Industrial	13	\$31B	\$284M	\$962M	(\$527M)	(\$1,804M)
Materials	9	\$14B	\$80M	(\$313M)	(\$3,200M)	(\$1,017M)
Multi-Sector	19	\$14B	\$2M	(\$359M)	(\$2,249M)	(\$6,461M)
Real Estate	25	\$62B	\$370M	(\$140M)	(\$2,293M)	(\$2,803M)
Technology	23	\$120B	\$14M	\$1,672M	\$1,302M	(\$212M)
Utilities	9	\$27B	\$186M	(\$586M)	\$959M	\$5,535M

U.S. Sector & Industry Flow Leaders

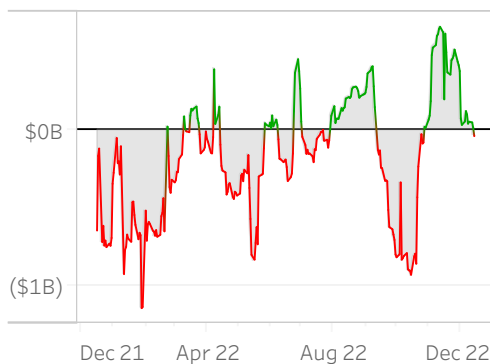
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLF	Financial Select Sector SPDR Fund	\$502M	(\$456M)	(\$439M)	(\$5,216M)	\$32,881M
IYR	iShares U.S. Real Estate ETF	\$385M	\$213M	(\$484M)	(\$1,210M)	\$3,921M
XLV	Health Care Select Sector SPDR Fund	\$300M	\$1,120M	\$1,310M	\$8,366M	\$43,178M
XOP	SPDR S&P Oil & Gas Exploration & Production E..	\$295M	\$159M	(\$213M)	(\$409M)	\$4,496M
XLI	Industrial Select Sector SPDR Fund	\$284M	\$467M	(\$764M)	(\$2,094M)	\$14,208M
XLU	Utilities Select Sector SPDR Fund	\$185M	(\$266M)	\$737M	\$3,828M	\$17,069M
XLY	Consumer Discretionary Select Sector SPDR Fu..	\$182M	(\$706M)	(\$917M)	(\$3,075M)	\$13,741M
XLP	Consumer Staples Select Sector SPDR Fund	\$167M	\$1,128M	\$2,058M	\$4,818M	\$17,979M
XLK	Technology Select Sector SPDR Fund	\$133M	(\$60M)	\$642M	\$1,067M	\$41,420M
IGV	iShares Expanded Tech-Software Sector ETF	\$118M	\$1,025M	\$472M	\$596M	\$4,669M

U.S. Sector & Industry Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
KBE	SPDR S&P Bank ETF	(\$127M)	(\$209M)	(\$557M)	(\$947M)	\$1,790M
XRT	SPDR S&P Retail ETF	(\$119M)	\$34M	(\$23M)	(\$214M)	\$282M
IYW	iShares U.S. Technology ETF	(\$117M)	\$1,861M	\$1,815M	\$970M	\$8,441M
VGT	Vanguard Information Technology ETF	(\$116M)	(\$341M)	\$254M	\$350M	\$42,780M
VNQ	Vanguard Real Estate ETF	(\$88M)	(\$433M)	(\$1,602M)	(\$1,663M)	\$36,019M
XBI	SPDR S&P BIOTECH ETF	(\$80M)	\$686M	\$919M	\$3,445M	\$8,027M
VFH	Vanguard Financials ETF	(\$65M)	(\$196M)	(\$394M)	(\$1,337M)	\$8,907M
KBWB	Invesco KBW Bank ETF	(\$58M)	(\$48M)	(\$2M)	(\$381M)	\$1,885M
IYT	iShares US Transportation ETF	(\$55M)	(\$141M)	(\$186M)	(\$822M)	\$702M
FDN	First Trust Dow Jones Internet Index Fund	(\$52M)	\$158M	(\$202M)	(\$2,530M)	\$3,990M

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Communication Services



Consumer Discretionary



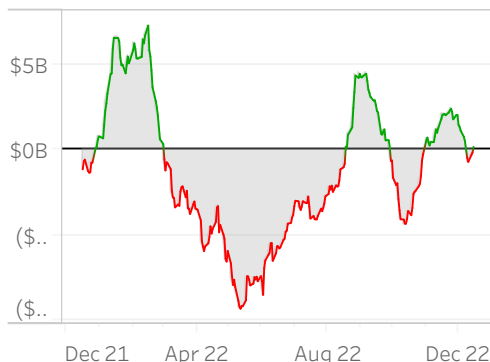
Consumer Staples



Energy



Financials



Industrial



Health Care



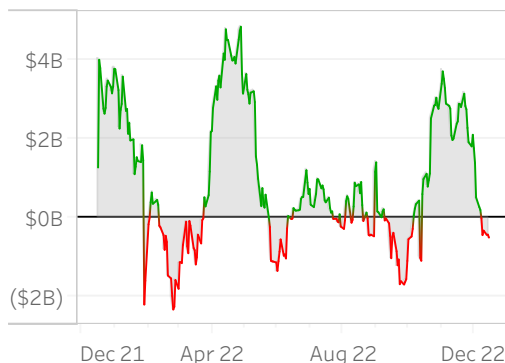
Materials



Real Estate



Technology



Utilities

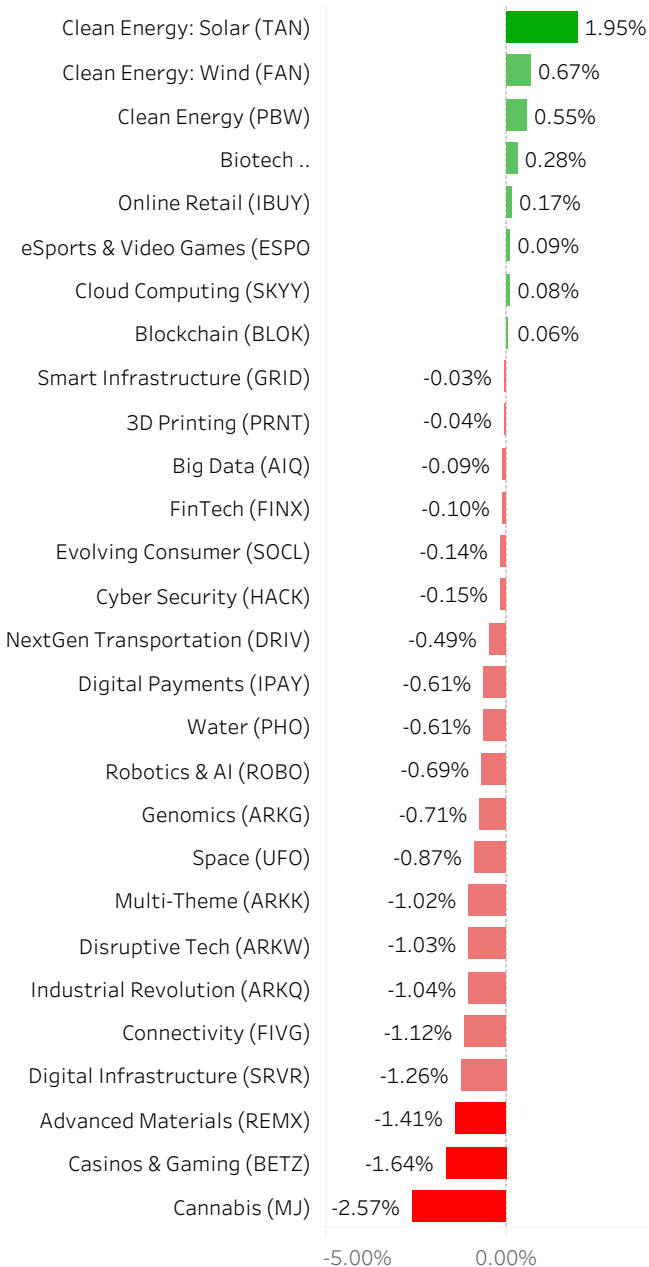


Multi-Sector

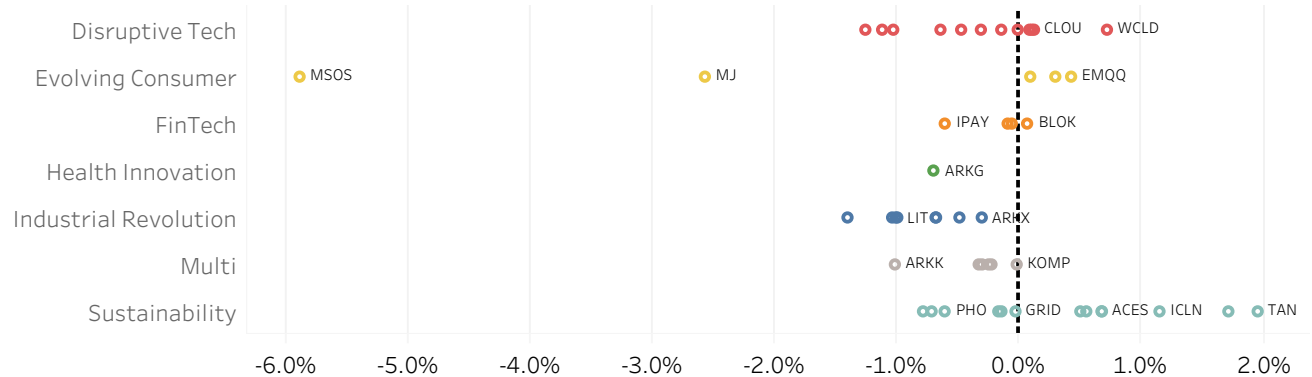


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Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	Performance
CTEC	Global X CleanTech ETF	2.18%
TAN	Invesco Solar ETF	1.95%
CNRG	SPDR S&P Kensho Clean Power ETF	1.71%
ICLN	iShares Global Clean Energy ETF	1.14%
RNRG	Global X Renewable Energy Producers ETF	1.10%
WCLD	WisdomTree Cloud Computing Fund	0.71%
GAMR	Wedbush ETFMG Video Game Tech ETF Wedbush ETFMG ..	0.70%
FAN	First Trust Global Wind Energy ETF	0.67%
ACES	ALPS Clean Energy ETF	0.67%
PBD	Invesco Global Clean Energy ETF	0.59%

Thematic Most Overbought

Ticker	Fund	Value
FAN	First Trust Global Wind Energy ETF	68.56
BJK	VanEck Gaming ETF	67.77
SOCL	Global X Social Media ETF	66.55
KWEB	KraneShares CSI China Internet ETF	65.57
EMQQ	EMQQ The Emerging Markets Internet & Ecommerce ETF	65.25
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure ..	64.83
KLDW	Knowledge Leaders Developed World ETF	64.05
PIO	Invesco Global Water ETF	63.51
ESPO	VanEck Video Gaming and eSports ETF	63.26
SNSR	Global X Internet of Things ETF	62.95

Global Thematic 1-Day Performance Laggards

Ticker	Fund	Performance
MSOS	AdvisorShares Pure US Cannabis ETF	-5.89%
MJUS	ETFMG U.S. Alternative Harvest ETF	-4.31%
MJ	ETFMG Alternative Harvest ETFMG Alternative Harvest	-2.57%
YOLO	AdvisorShares Pure Cannabis ETF	-2.27%
POTX	Global X Cannabis ETF	-2.21%
EDOC	Global X Telemedicine & Digital Health ETF Registered	-2.11%
BETZ	Roundhill Sports Betting & iGaming ETF	-1.64%
REMX	VanEck Rare Earth/Strategic Metals ETF	-1.41%
SRVR	Pacer Data & Infrastructure Real Estate ETF	-1.26%
FIVG	Defiance Next Gen Connectivity ETF	-1.12%

Thematic Most Oversold

Ticker	Fund	Value
MSOS	AdvisorShares Pure US Cannabis ETF	30.28
MJUS	ETFMG U.S. Alternative Harvest ETF	31.24
YOLO	AdvisorShares Pure Cannabis ETF	32.94
MJ	ETFMG Alternative Harvest ETFMG Alternative Harvest	36.87
POTX	Global X Cannabis ETF	38.55
UFO	Procore Space ETF	40.64
LIT	Global X Lithium & Battery Tech ETF	41.45
BLOK	Amplify Transformational Data Sharing ETF	44.05
ARKQ	ARK Autonomous Technology & Robotics ETF	44.31
HAIL	SPDR S&P Kensho Smart Mobility ETF	44.53

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Thematic 1 Week Flow Leaders

Ticker	Fund	
ARKK	ARK Innovation ETF	\$174M
BJK	VanEck Gaming ETF	\$21M
REMX	VanEck Rare Earth/Strategic Metals ETF	\$13M
BETZ	Roundhill Sports Betting & iGaming ETF	\$13M
XT	iShares Exponential Technologies ETF	\$8M
IBUY	Amplify Online Retail ETF	\$4M
SBIO	ALPS Medical Breakthroughs ETF	\$2M
CNRG	SPDR S&P Kensho Clean Power ETF	\$2M
TMAT	Main Thematic Innovation ETF	\$1M
SAMT	Strategas Macro Thematic Opportunities ETF	\$1M

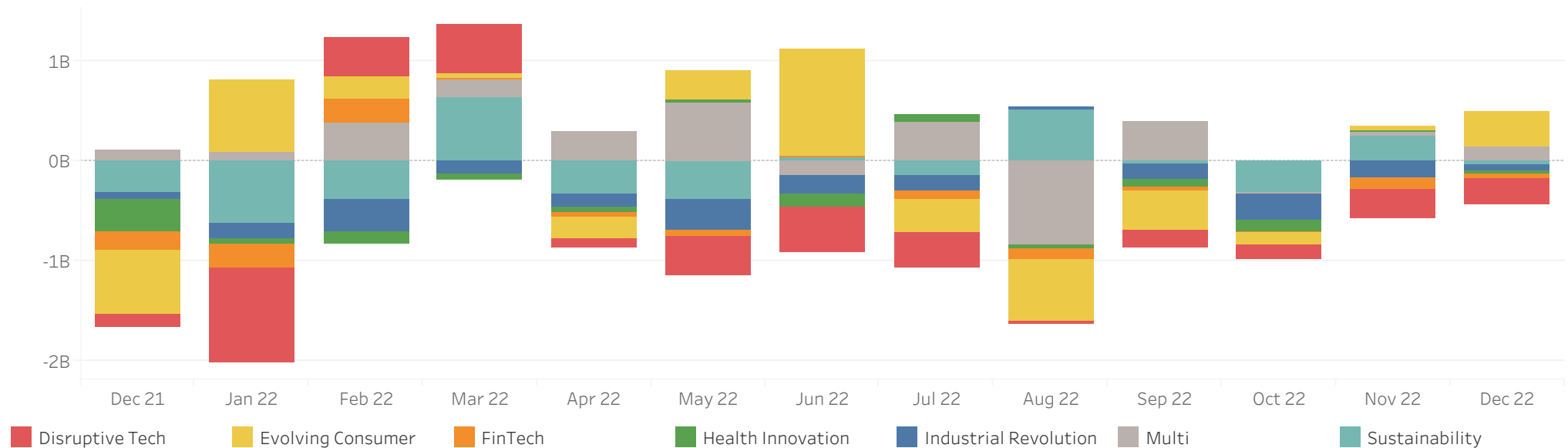
Thematic 1 Week Flow Laggards

Ticker	Fund	
SKYY	First Trust Cloud Computing ETF	(\$39M)
TAN	Invesco Solar ETF	(\$38M)
CIBR	First Trust NASDAQ Cybersecurity ETF	(\$34M)
LIT	Global X Lithium & Battery Tech ETF	(\$30M)
ARKW	ARK Next Generation Internet ETF	(\$25M)
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	(\$19M)
KWEB	KraneShares CSI China Internet ETF	(\$18M)
SRVR	Pacer Data & Infrastructure Real Estate ETF	(\$17M)
KOMP	SPDR S&P Kensho New Economies Composite ETF	(\$16M)
PBW	Invesco WilderHill Clean Energy ETF	(\$14M)

Thematic Landscape Assets & Flows

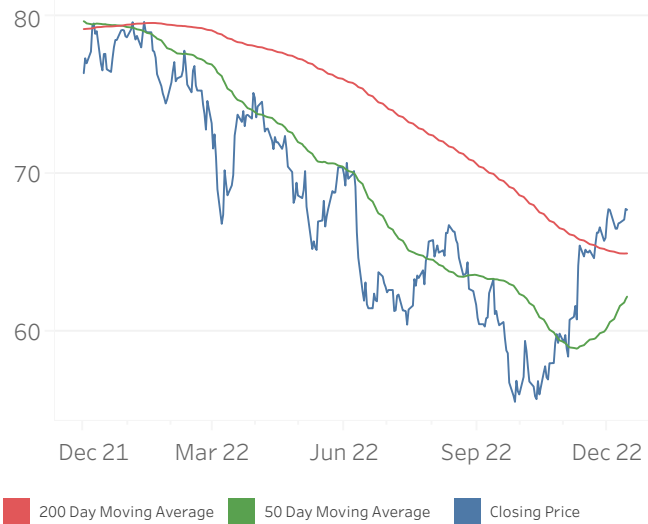
Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	35	\$16B	(\$99M)	(\$800M)	(\$1,351M)	(\$2,381M)
Evolving Consumer	46	\$10B	\$17M	(\$74M)	(\$567M)	\$383M
FinTech	22	\$2B	(\$10M)	(\$196M)	(\$393M)	(\$647M)
Health Innovation	19	\$3B	(\$1M)	(\$182M)	(\$292M)	(\$874M)
Industrial Revolution	32	\$11B	(\$33M)	(\$575M)	(\$908M)	(\$2,098M)
Multi	41	\$14B	\$175M	\$629M	\$337M	\$1,599M
Sustainability	40	\$19B	(\$77M)	(\$300M)	\$396M	(\$1,153M)
Grand Total	235	\$76B	(\$27M)	(\$1,497M)	(\$2,778M)	(\$5,171M)

Thematic Monthly Flows

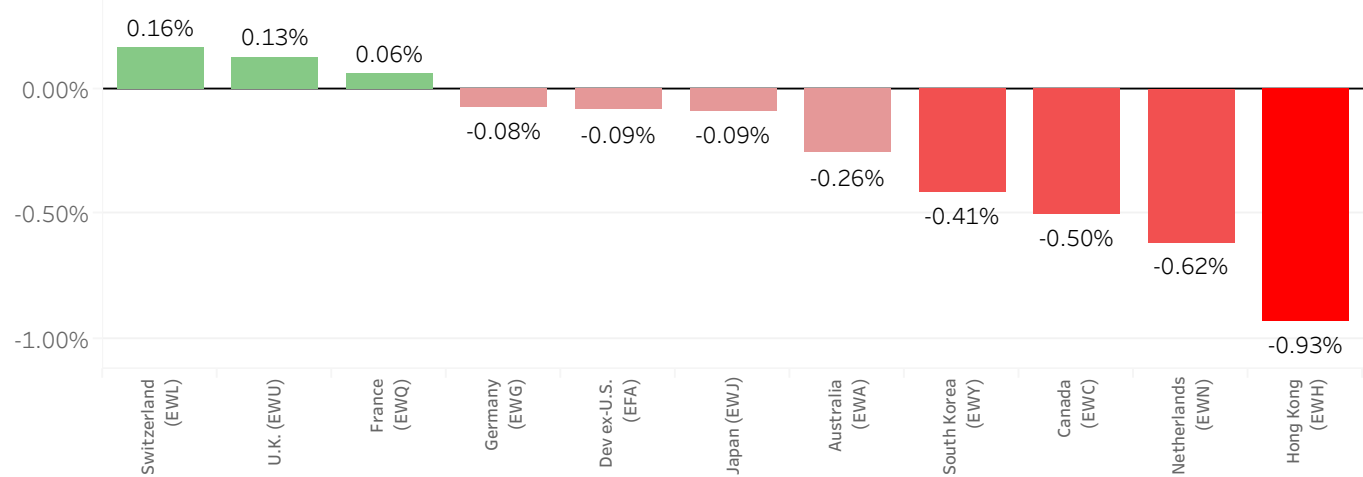


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Developed ex-U.S. (EFA)



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



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



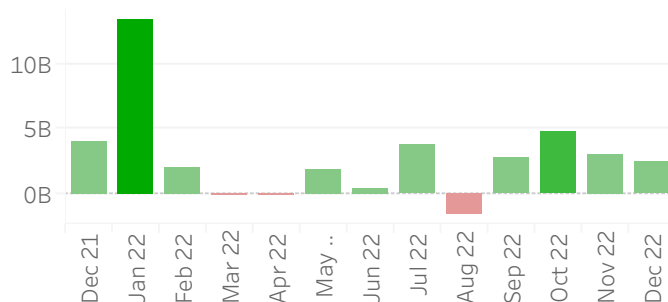
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
GREK	Global X MSCI Greece ETF	1.23%
FJP	First Trust Japan AlphaDEX Fund	0.82%
FLSW	Franklin FTSE Switzerland ETF	0.73%
MINV	Matthews Asia Innovators Active ETF	0.64%
PIZ	Invesco DWA Developed Markets Momentum ETF	0.59%
IQDG	WisdomTree International Quality Dividend Growth Fund	0.56%
EDEN	iShares MSCI Denmark ETF	0.54%
EUDG	WisdomTree Europe Quality Dividend Growth Fund	0.51%
EWP	iShares MSCI Spain ETF	0.49%
BKCI	BNY Mellon Concentrated International ETF	0.28%

Developed ex-U.S. Most Overbought

Ticker	Fund	Value
EDEN	iShares MSCI Denmark ETF	77.19
HDEF	Xtrackers MSCI EAFE High Dividend Yield Equity ETF	74.77
IMFL	Invesco International Developed Dynamic Multifactor ETF	73.00
EUDG	WisdomTree Europe Quality Dividend Growth Fund	72.34
FLGB	Franklin FTSE United Kingdom ETF	71.89
GSID	Goldman Sachs MarketBeta International Equity ETF	71.85
DIVI	Franklin International Core Dividend Tilt Index ETF	71.11
DOL	WisdomTree International LargeCap Dividend Fund	70.91
SPEU	SPDR Portfolio Europe ETF	70.53
NUDM	Nuveen ESG International Developed Markets Equity ETF	70.26

Developed ex-U.S. Monthly Flows



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

Ticker	Fund	1-Day Performance
ISDX	Invesco RAFI Strategic Developed ex-US ETF	-1.46%
CIL	VictoryShares International Volatility Wtd ETF	-1.36%
ENZL	iShares MSCI New Zealand ETF	-1.14%
EWH	iShares MSCI Hong Kong ETF	-0.93%
IVAL	Alpha Architect International Quantitative Value ETF	-0.86%
BBCA	JPMorgan BetaBuilders Canada ETF	-0.79%
FLCA	Franklin FTSE Canada ETF	-0.74%
EIS	iShares MSCI Israel ETF	-0.72%
PBDM	Invesco PureBeta FTSE Developed ex-North America ETF	-0.70%
DXJ	WisdomTree Japan Hedged Equity Fund	-0.70%

Developed ex-U.S. Most Oversold

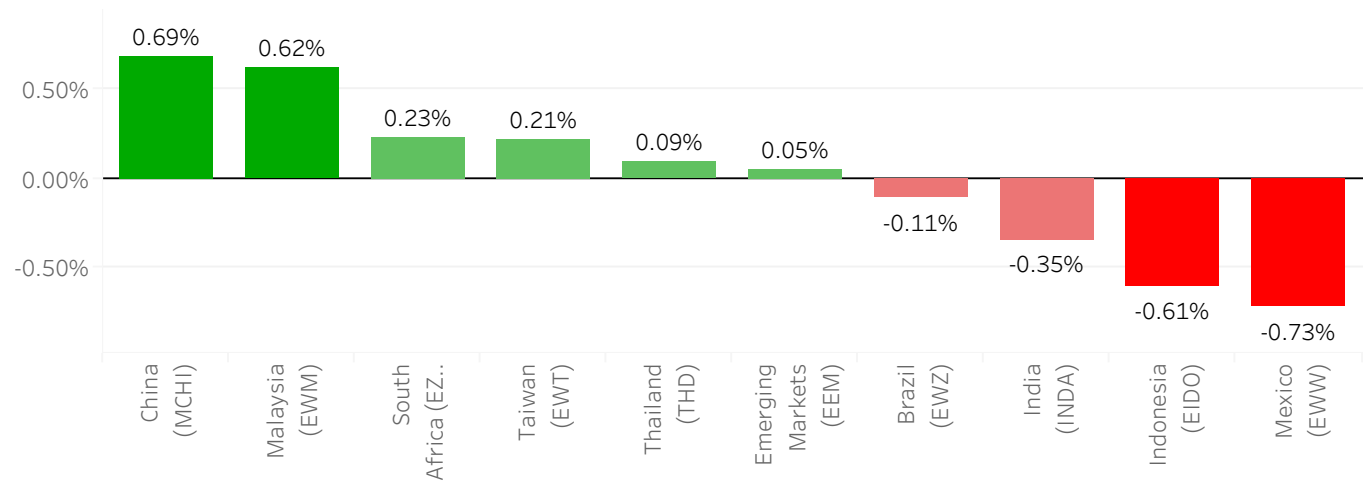
Ticker	Fund	Value
HEWJ	iShares Currency Hedged MSCI Japan ETF	15.43
HSCZ	iShares Currency Hedged MSCI EAFE Small-Cap ETF	21.18
HEFA	iShares Currency Hedged MSCI EAFE ETF	23.83
DBEF	Xtrackers MSCI EAFE Hedged Equity ETF	27.39
HEZU	iShares Currency Hedged MSCI Eurozone ETF	29.05
IHDG	WisdomTree International Hedged Quality Dividend ..	32.27
LVHI	Franklin International Low Volatility High Dividend I..	38.24
EWC	iShares MSCI Canada ETF	43.43
EIS	iShares MSCI Israel ETF	45.05
BBCA	JPMorgan BetaBuilders Canada ETF	46.65

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

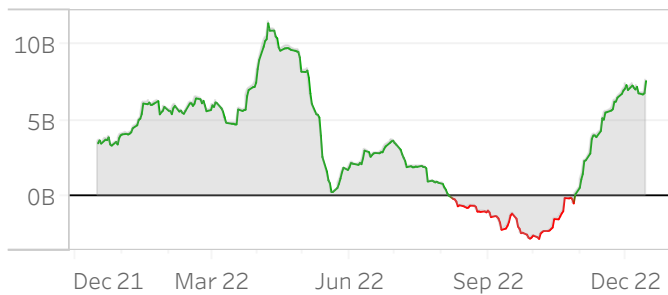
Emerging (EEM)



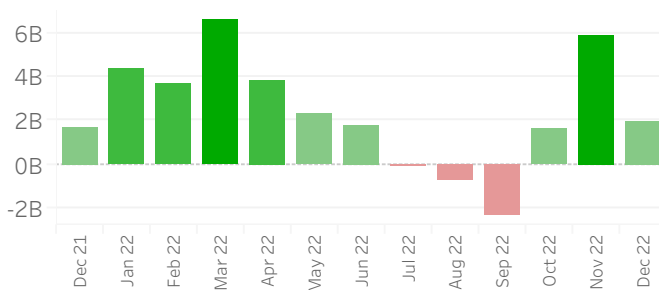
Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Leaders

Ticker	Fund	Performance
FBZ	First Trust Brazil AlphaDEX Fund	1.65%
DGRE	WisdomTree Emerging Markets Quality Dividend Growth	1.16%
FLCH	Franklin FTSE China ETF	1.04%
KBA	KraneShares Bosera MSCI China A 50 Connect Index ETF	0.89%
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	0.73%
MCHI	iShares MSCI China ETF	0.69%
EDIV	SPDR S&P Emerging Markets Dividend ETF	0.67%
FXI	iShares China Large-Cap ETF	0.63%
EWM	iShares MSCI Malaysia ETF	0.62%
GXC	SPDR S&P China ETF	0.56%

Emerging Most Overbought

Ticker	Fund	Price
EWX	SPDR S&P Emerging Markets Small Cap ETF	68.70
EPOL	iShares MSCI Poland ETF	67.94
FLCH	Franklin FTSE China ETF	67.66
GXC	SPDR S&P China ETF	66.72
PIE	Invesco DWA Emerging Markets Momentum ETF	66.56
THD	iShares MSCI Thailand ETF	66.37
GMF	SPDR S&P Emerging Asia Pacific ETF	66.32
DGS	WisdomTree Emerging Markets SmallCap Dividend F.	65.66
FM	iShares MSCI Frontier and Select EM ETF	65.36
ECNS	iShares MSCI China Small-Cap ETF	64.95

Emerging 1-Day Performance Laggards

Ticker	Fund	Performance
TUR	iShares MSCI Turkey ETF	-3.11%
ECH	iShares MSCI Chile ETF	-2.32%
QAT	iShares MSCI Qatar ETF	-1.10%
FEMS	First Trust Emerging Markets Small Cap AlphaDEX Fund	-1.03%
ILF	iShares Latin America 40 ETF	-0.98%
EYLD	Cambria Emerging Shareholder Yield ETF	-0.84%
EPU	iShares MSCI Peru ETF	-0.83%
LDEM	iShares ESG MSCI EM Leaders ETF	-0.78%
EWW	iShares MSCI Mexico ETF	-0.73%
EPHE	iShares MSCI Philippines ETF	-0.71%

Emerging Most Oversold

Ticker	Fund	Price
QAT	iShares MSCI Qatar ETF	23.72
ILF	iShares Latin America 40 ETF	26.84
KBA	KraneShares Bosera MSCI China A 50 Connect Index ..	27.19
EWT	iShares MSCI Taiwan ETF	28.20
EWZ	iShares MSCI Brazil ETF	28.61
KSA	iShares MSCI Saudi Arabia ETF	30.18
EWZS	iShares MSCI Brazil Small-Cap ETF	30.59
FLBR	Franklin FTSE Brazil ETF	35.08
INDY	iShares India 50 ETF	37.70
FLLA	Franklin FTSE Latin America ETF	38.05

*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	0.22%	3.82%	-10.81%
SHY	1-3 Year Treasury Bonds	0.01%	0.64%	-3.68%
IEF	7-10 Year Treasury Bonds	0.27%	3.49%	-12.60%
TLT	20+ Year Treasury Bonds	0.43%	11.02%	-25.49%
TIP	TIPS Bonds	-0.25%	2.18%	-10.84%
FLOT	Floating Rate Bonds	0.02%	0.51%	0.81%
LQD	Investment Grade Corporate	0.09%	5.84%	-14.81%
HYG	High Yield Corporate	-0.56%	2.84%	-9.00%
BKLN	Senior Loan	-0.33%	1.18%	-1.64%
PFF	Preferred & Income Securities	-0.03%	1.43%	-15.66%
MUB	Municipal Bonds	-0.01%	3.48%	-6.51%
MBB	MBS	0.33%	3.91%	-9.41%
EMB	Dollar Denominated EM Bonds	-0.15%	5.64%	-16.54%
LEMB	Local Currency EM Bond	0.22%	3.75%	-10.40%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	-0.26%	-1.72%	19.37%
DBE	Energy	1.47%	-7.40%	33.43%
USO	WTI Crude Oil	2.28%	-6.33%	23.91%
BNO	Brent Crude Oil	2.78%	-9.50%	30.75%
UNG	Natural Gas	-8.46%	-0.26%	55.88%
UGA	Gasoline	3.87%	-9.07%	32.86%
DBP	Precious Metals	0.11%	3.10%	-2.26%
GLD	Gold	-0.24%	1.93%	-1.67%
SLV	Silver	0.73%	8.65%	2.23%
PPLT	abrdn Physical Platin..	-0.80%	0.86%	5.98%
PALL	abrdn Physical Palla..	-0.72%	-5.15%	0.99%
DBB	Base Metals	-0.58%	2.04%	-7.77%
CPER	Copper	0.26%	0.60%	-14.37%
LD	Lead	-0.77%	-0.51%	-3.40%
JJN	Nickel	1.05%	-2.93%	36.97%
JJU	Aluminum	-0.73%	-0.25%	-13.40%
JJT	Tin	-0.15%	12.73%	-34.90%
DBA	Agriculture	-0.10%	-1.20%	0.41%
CORN	Corn	0.08%	-0.95%	20.57%
SOYB	Soybeans	0.00%	1.94%	22.20%
WEAT	Wheat	-0.13%	-10.18%	2.71%
CANE	Sugar	1.86%	1.26%	4.57%
BAL	Cotton	-0.38%	-2.46%	-9.79%
NIB	Cocoa	0.31%	2.25%	-6.09%
JO	Coffee	-0.46%	0.88%	-21.81%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	-0.46%	-2.71%	9.25%
UDN	Short Dollar	0.92%	3.66%	-7.61%
FXE	Euro	0.49%	3.44%	-6.81%
FXB	British Pound Sterling	0.54%	5.85%	-7.90%
FXF	Swiss Franc	0.65%	2.08%	-2.18%
FXJ	Japanese Yen	0.26%	3.23%	-15.33%
FXC	Canadian Dollar	0.02%	-1.75%	-6.59%
FXA	Australian Dollar	0.07%	2.28%	-5.92%

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