

Large Cap Blend (S&P 500) IVV



Mid Cap Blend (S&P 400) IJH

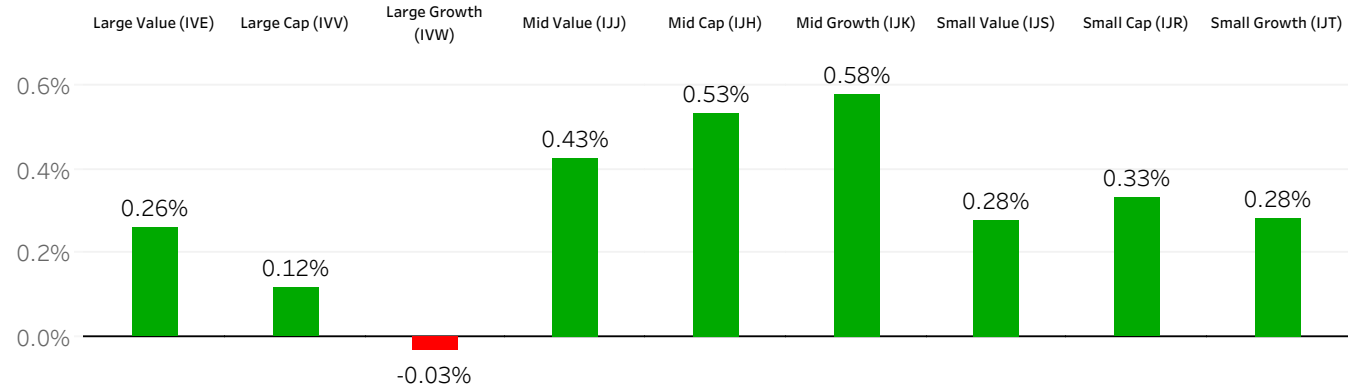


Small Cap Blend (S&P 600) IJR



■ 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
DWAS	Invesco DWA SmallCap Momentum ETF	1.16%
QMOM	Momentumshares US Quantitative Momentum ETF	1.13%
ISCG	iShares Morningstar Small-Cap Growth ETF	1.10%
RPHS	Regents Park Hedged Market Strategy ETF	0.95%
XSMO	Invesco S&P SmallCap Momentum ETF	0.90%
XMMO	Invesco S&P MidCap Momentum ETF	0.89%
FYX	First Trust Small Cap Core AlphaDEX Fund	0.86%
QQQN	VictoryShares Nasdaq Next 50 ETF	0.84%
IWC	iShares Micro-Cap ETF	0.83%
RFG	Invesco S&P Midcap 400 Pure Growth ETF	0.82%

Size & Style Most Overbought

Ticker	Fund	Price
SPC	CrossingBridge Pre-Merger SPAC ETF	73.26
PTLC	Pacer Trendpilot US Large Cap ETF	63.56
ONOF	Global X Adaptive U.S. Risk Management ETF	50.44
DURA	VanEck Durable High Dividend ETF	47.96
ABEQ	Absolute Select Value ETF	47.35
ALTL	Pacer Lunt Large Cap Alternator ETF	46.97
CGDV	Capital Group Dividend Value ETF	46.44
LVHD	Franklin U.S. Low Volatility High Dividend Index ETF	45.74
BUL	Pacer US Cash Cows Growth ETF	45.68
SPLV	Invesco S&P 500 Low Volatility ETF	45.62

Size & Style 1-Day Performance Laggards

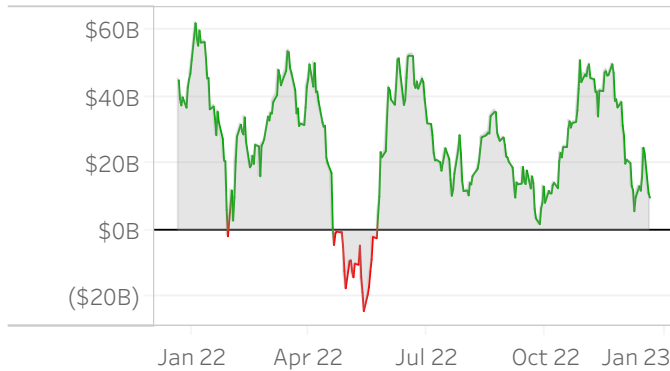
Ticker	Fund	1-Day Performance
GUSA	Goldman Sachs MarketBeta U.S. 1000 Equity ETF	-4.74%
QVMM	Invesco S&P MidCap 400 QVM Multi-factor ETF	-1.79%
ISMD	Inspire Small/Mid Cap ETF	-0.91%
BBSC	JPMorgan BetaBuilders U.S. Small Cap Equity ETF	-0.86%
SIXS	ETC 6 Meridian Small Cap Equity ETF	-0.62%
WINN	Harbor Long-Term Growers ETF	-0.51%
LGH	HCM Defender 500 Index ETF	-0.21%
LVHD	Franklin U.S. Low Volatility High Dividend Index ETF	-0.18%
ACSI	American Customer Satisfaction ETF	-0.16%
VEGN	US Vegan Climate ETF	-0.16%

Size & Style Most Oversold

Ticker	Fund	Price
ACSI	American Customer Satisfaction ETF	27.21
JMEE	JPMorgan Market Expansion Enhanced Equity ETF	27.48
LSAT	Leadershares Alphafactor Tactical Focused ETF	27.97
QVML	Invesco S&P 500 QVM Multi-factor ETF	28.94
FFTY	Innovator IBD 50 ETF	29.38
XSVM	Invesco S&P SmallCap Value with Momentum ETF	29.46
NZUS	SPDR MSCI USA Climate Paris Aligned ETF	30.34
GUSA	Goldman Sachs MarketBeta U.S. 1000 Equity ETF	30.54
CSF	VictoryShares US Discovery Enhanced Volatility Wt..	30.90
WBIG	WBI BullBear Yield 3000 ETF	31.22

*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	\$1,181B	(\$12.95B)	\$24.05B	\$38.40B	\$77.43B
Large Cap, Beta Growth, Beta: Growth	10	\$213B	\$0.15B	\$9.79B	\$15.30B	\$21.20B
Large Cap, Beta Growth, Beta: Value	11	\$218B	(\$0.33B)	\$1.87B	\$1.91B	\$19.76B
Mid Cap, Beta, Beta	10	\$175B	(\$1.51B)	\$5.25B	\$6.21B	\$12.05B
Mid Cap, Beta, Beta: Growth	6	\$32B	(\$0.28B)	\$0.47B	\$1.08B	\$0.84B
Mid Cap, Beta, Beta: Value	6	\$40B	(\$0.66B)	\$1.06B	\$1.22B	\$1.70B
Small Cap, Beta, Beta	13	\$186B	(\$0.29B)	\$5.68B	\$3.51B	\$2.15B
Small Cap, Beta, Beta: Growth	7	\$30B	(\$0.20B)	\$1.06B	\$0.77B	\$1.21B
Small Cap, Beta, Beta: Value	7	\$49B	(\$0.67B)	\$1.53B	(\$0.55B)	(\$1.92B)

U.S. Size & Style Flow Leaders

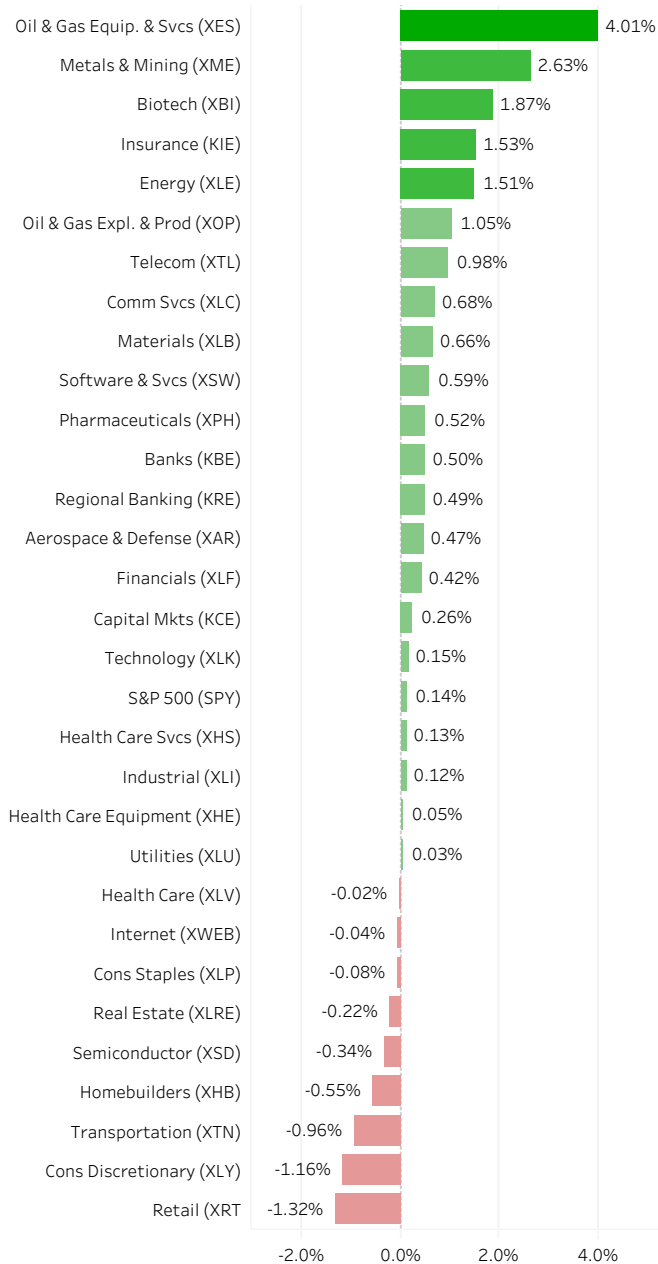
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
IWM	iShares Russell 2000 ETF	\$0.72B	\$3.21B	(\$0.44B)	(\$2.36B)	\$52.77B
VOO	Vanguard S&P 500 ETF	\$0.55B	\$4.63B	\$15.57B	\$41.77B	\$261.95B
IWD	iShares Russell 1000 Value ETF	\$0.54B	\$1.41B	\$0.66B	(\$0.19B)	\$53.12B
IWF	iShares Russell 1000 Growth ETF	\$0.39B	\$2.66B	\$2.72B	\$3.03B	\$58.80B
SCHD	Schwab US Dividend Equity ETF	\$0.38B	\$4.39B	\$7.87B	\$15.17B	\$43.41B
SPYD	SPDR Portfolio S&P 500 High Dividend ETF	\$0.35B	\$0.14B	\$0.15B	\$2.90B	\$7.77B
VIG	Vanguard Dividend Appreciation ETF	\$0.28B	\$1.38B	\$1.67B	\$3.48B	\$64.77B
VYM	Vanguard High Dividend Yield Index ETF	\$0.27B	\$1.40B	\$4.09B	\$8.80B	\$49.09B
ITOT	iShares Core S&P Total U.S. Stock Market ETF	\$0.23B	(\$0.25B)	(\$0.69B)	\$2.32B	\$38.71B
SPYV	SPDR Portfolio S&P 500 Value ETF	\$0.20B	\$2.06B	\$1.65B	\$2.59B	\$14.78B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
SPY	SPDR S&P 500 ETF Trust	(\$7.78B)	\$11.71B	\$5.10B	(\$3.17B)	\$357.04B
IVV	iShares Core S&P 500 ETF	(\$4.29B)	\$5.12B	\$8.24B	\$22.94B	\$289.98B
VO	Vanguard Mid-Cap ETF	(\$1.76B)	\$1.36B	\$0.98B	\$3.76B	\$50.02B
VTV	Vanguard Value ETF	(\$1.30B)	(\$3.58B)	(\$2.14B)	\$11.17B	\$98.27B
VB	Vanguard Small-Cap ETF	(\$1.17B)	\$0.55B	(\$0.69B)	(\$0.07B)	\$40.45B
VTI	Vanguard Total Stock Market ETF	(\$1.14B)	\$6.93B	\$11.92B	\$25.29B	\$259.43B
DIA	SPDR Dow Jones Industrial Average ETF Trust	(\$0.97B)	\$0.36B	\$0.25B	\$1.79B	\$28.98B
VBR	Vanguard Small Cap Value ETF	(\$0.87B)	\$1.01B	\$0.24B	\$0.08B	\$23.78B
VOE	Vanguard Mid-Cap Value ETF	(\$0.64B)	\$0.45B	(\$0.06B)	\$1.73B	\$16.00B
QQQ	Invesco QQQ Trust	(\$0.61B)	(\$1.61B)	\$1.33B	\$2.59B	\$148.35B

* 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	-5.87%	12.14%	0.87%	2.67%	43.99
XLP	Consumer Staples Select Sector SPDR Fund	-7.88%	11.61%	1.15%	0.63%	43.66
XLI	Industrial Select Sector SPDR Fund	-9.16%	17.38%	1.12%	3.18%	43.62
XLE	Energy Select Sector SPDR Fund	-9.92%	48.11%	-3.92%	5.34%	42.66
XLU	Utilities Select Sector SPDR Fund	-10.84%	13.22%	2.48%	-2.36%	46.91
XLB	Materials Select Sector SPDR Fund	-13.79%	15.95%	0.61%	-1.34%	42.52
XLF	Financial Select Sector SPDR Fund	-19.02%	10.73%	-1.91%	-1.69%	37.73
SPY	SPDR S&P 500 ETF Trust	-20.34%	6.73%	-1.76%	-5.03%	38.92
XLK	Technology Select Sector SPDR Fund	-28.44%	7.76%	-1.97%	-7.62%	40.75
XLRE	Real Estate Select Sector SPDR Fund	-28.77%	8.26%	-1.53%	-12.27%	38.61
XLY	Consumer Discretionary Select Sector SPDR Fund	-38.25%	0.00%	-7.55%	-15.60%	28.60
XLC	Communication Services Select Sector SPDR Fund	-39.75%	3.79%	-4.11%	-15.60%	37.92

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
XES	SPDR S&P Oil & Gas Equipment & Services ETF	4.01%
IEZ	iShares U.S. Oil Equipment & Services ETF	3.77%
PXJ	Invesco Dynamic Oil & Gas Services ETF	3.35%
PSCE	Invesco S&P SmallCap Energy ETF	2.71%
XME	SPDR S&P Metals & Mining ETF	2.63%
XBI	SPDR S&P BIOTECH ETF	1.87%
PXI	Invesco DWA Energy Momentum ETF	1.56%
FENY	Fidelity MSCI Energy Index ETF	1.54%
KIE	SPDR S&P Insurance ETF	1.53%
VDE	Vanguard Energy ETF	1.53%

Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
FBT	First Trust NYSE Arca Biotechnology Index Fund	53.56
IEZ	iShares U.S. Oil Equipment & Services ETF	52.78
XES	SPDR S&P Oil & Gas Equipment & Services ETF	52.78
PXJ	Invesco Dynamic Oil & Gas Services ETF	51.71
ITA	iShares U.S. Aerospace & Defense ETF	51.54
ITB	iShares U.S. Home Construction ETF	50.98
FXH	First Trust Health Care AlphaDEX Fund	50.18
XAR	SPDR S&P Aerospace & Defense ETF	50.06
PPA	Invesco Aerospace & Defense ETF	49.28
KBWP	Invesco KBW Property & Casualty Insurance ETF	48.58

Sector & Industry 1 Day Performance Laggards

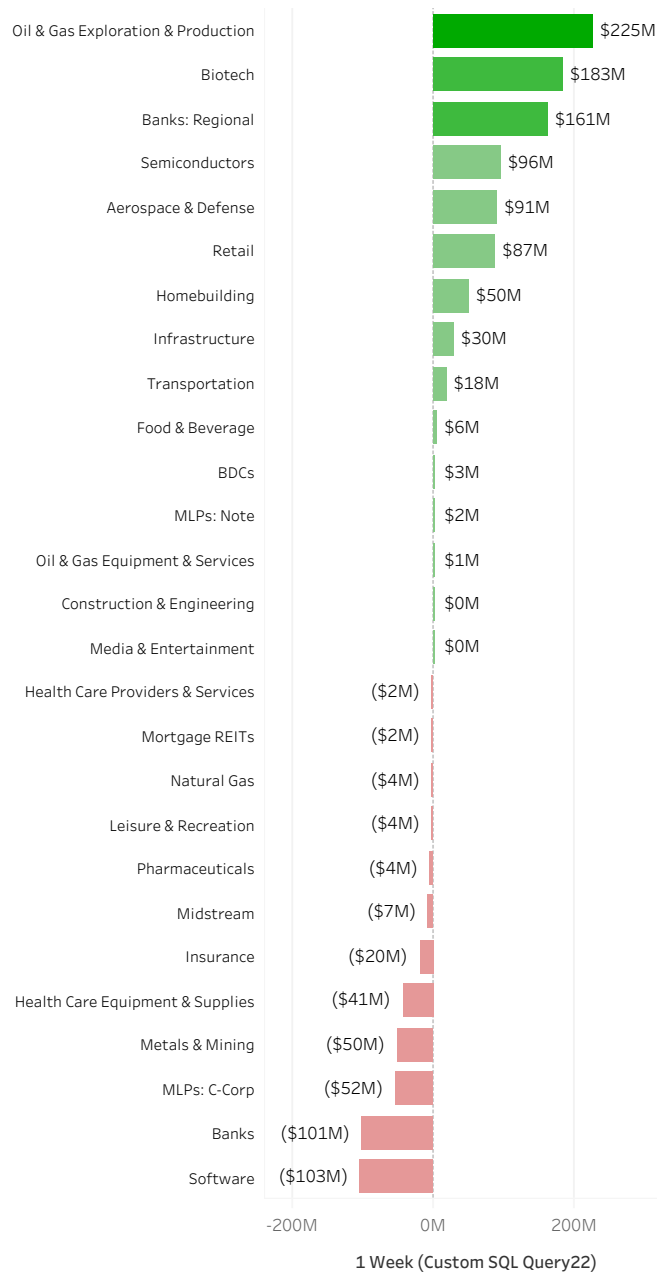
Ticker	Fund	1 Day Performance
XRT	SPDR S&P Retail ETF	-1.32%
IYT	iShares US Transportation ETF	-1.30%
XLY	Consumer Discretionary Select Sector SPDR Fund	-1.16%
FDIS	Fidelity MSCI Consumer Discretionary Index ETF	-0.99%
VCR	Vanguard Consumer Discretionary ETF	-0.99%
FTXL	First Trust Nasdaq Semiconductor ETF	-0.96%
XTN	SPDR S&P Transportation ETF	-0.96%
FTXR	First Trust Nasdaq Transportation ETF	-0.85%
ITB	iShares U.S. Home Construction ETF	-0.76%
SOXQ	Invesco PHLX Semiconductor ETF	-0.63%

Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
JPRE	JPMorgan Realty Income ETF	28.40
XLY	Consumer Discretionary Select Sector SPDR Fund	28.60
KBWR	Invesco KBW Regional Banking ETF	29.39
KRE	SPDR S&P Regional Banking ETF	29.70
XRT	SPDR S&P Retail ETF	30.28
VCR	Vanguard Consumer Discretionary ETF	30.46
FDIS	Fidelity MSCI Consumer Discretionary Index ETF	30.60
FTXO	First Trust Nasdaq Bank ETF	30.90
KBE	SPDR S&P Bank ETF	30.97
IYC	iShares U.S. Consumer Discretionary ETF	31.17

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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	\$11B	\$4M	\$138M	(\$51M)	(\$1,234M)
Consumer Discretionary	12	\$20B	\$153M	(\$397M)	(\$725M)	(\$6,655M)
Consumer Staples	10	\$30B	(\$18M)	\$1,205M	\$2,626M	\$8,239M
Energy	32	\$77B	(\$188M)	\$933M	(\$2,259M)	(\$3M)
Financials	26	\$57B	(\$609M)	\$53M	(\$1,047M)	(\$10,645M)
Health Care	23	\$96B	\$350M	\$2,772M	\$4,508M	\$11,524M
Industrial	13	\$29B	(\$414M)	\$282M	(\$627M)	(\$2,547M)
Materials	9	\$13B	(\$159M)	(\$508M)	(\$2,756M)	(\$1,253M)
Multi-Sector	19	\$13B	(\$35M)	(\$649M)	(\$2,100M)	(\$6,243M)
Real Estate	25	\$59B	\$85M	(\$410M)	(\$1,871M)	(\$3,114M)
Technology	23	\$111B	\$83M	\$2,631M	\$1,558M	(\$133M)
Utilities	9	\$26B	\$91M	(\$621M)	\$1,240M	\$5,565M

U.S. Sector & Industry Flow Leaders

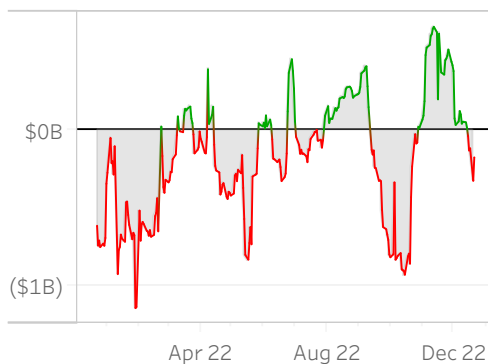
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XOP	SPDR S&P Oil & Gas Exploration & Production E..	\$226M	\$438M	\$317M	(\$543M)	\$4,540M
IYR	iShares U.S. Real Estate ETF	\$218M	\$226M	(\$287M)	(\$1,135M)	\$3,906M
KRE	SPDR S&P Regional Banking ETF	\$165M	(\$59M)	\$6M	(\$1,200M)	\$2,882M
XLV	Health Care Select Sector SPDR Fund	\$137M	\$1,369M	\$1,898M	\$7,494M	\$41,685M
ITB	iShares U.S. Home Construction ETF	\$137M	\$151M	(\$126M)	(\$925M)	\$1,408M
VGT	Vanguard Information Technology ETF	\$134M	\$245M	\$112M	\$395M	\$39,758M
XLY	Consumer Discretionary Select Sector SPDR Fu..	\$102M	(\$385M)	(\$479M)	(\$2,934M)	\$13,014M
IBB	iShares Biotechnology ETF	\$99M	\$282M	\$565M	\$201M	\$8,772M
SOXX	iShares Semiconductor ETF	\$94M	(\$23M)	(\$378M)	(\$186M)	\$6,037M
XRT	SPDR S&P Retail ETF	\$87M	\$57M	\$130M	(\$253M)	\$350M

U.S. Sector & Industry Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLF	Financial Select Sector SPDR Fund	(\$593M)	\$347M	(\$400M)	(\$5,391M)	\$30,734M
XLI	Industrial Select Sector SPDR Fund	(\$504M)	(\$389M)	(\$1,007M)	(\$2,979M)	\$13,143M
XLE	Energy Select Sector SPDR Fund	(\$308M)	\$51M	(\$1,308M)	(\$1,108M)	\$38,564M
VNQ	Vanguard Real Estate ETF	(\$258M)	(\$754M)	(\$1,491M)	(\$2,112M)	\$33,694M
FND	First Trust Dow Jones Internet Index Fund	(\$108M)	(\$177M)	(\$320M)	(\$2,619M)	\$3,689M
IGV	iShares Expanded Tech-Software Sector ETF	(\$104M)	\$590M	\$247M	\$402M	\$4,293M
XLB	Materials Select Sector SPDR Fund	(\$104M)	(\$270M)	(\$1,207M)	(\$1,675M)	\$5,242M
XHB	SPDR S&P Homebuilders ETF	(\$87M)	(\$75M)	(\$179M)	(\$451M)	\$842M
XLP	Consumer Staples Select Sector SPDR Fund	(\$84M)	\$1,001M	\$1,645M	\$4,635M	\$17,372M
KBE	SPDR S&P Bank ETF	(\$73M)	(\$294M)	(\$599M)	(\$876M)	\$1,630M

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Communication Services



Consumer Discretionary



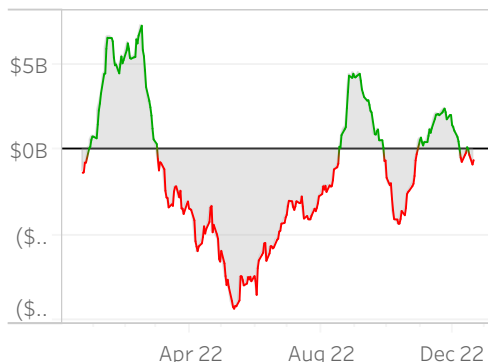
Consumer Staples



Energy



Financials



Industrial



Health Care



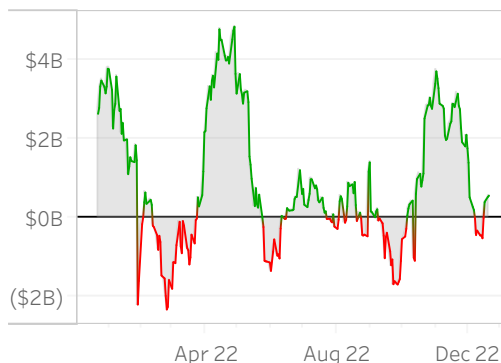
Materials



Real Estate



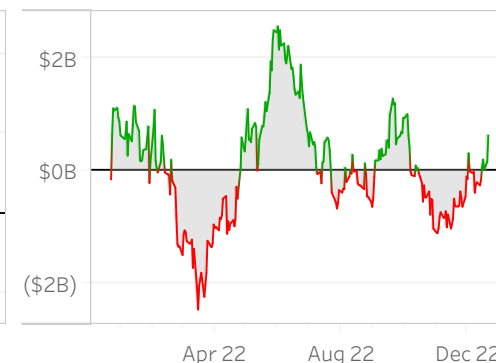
Technology



Utilities

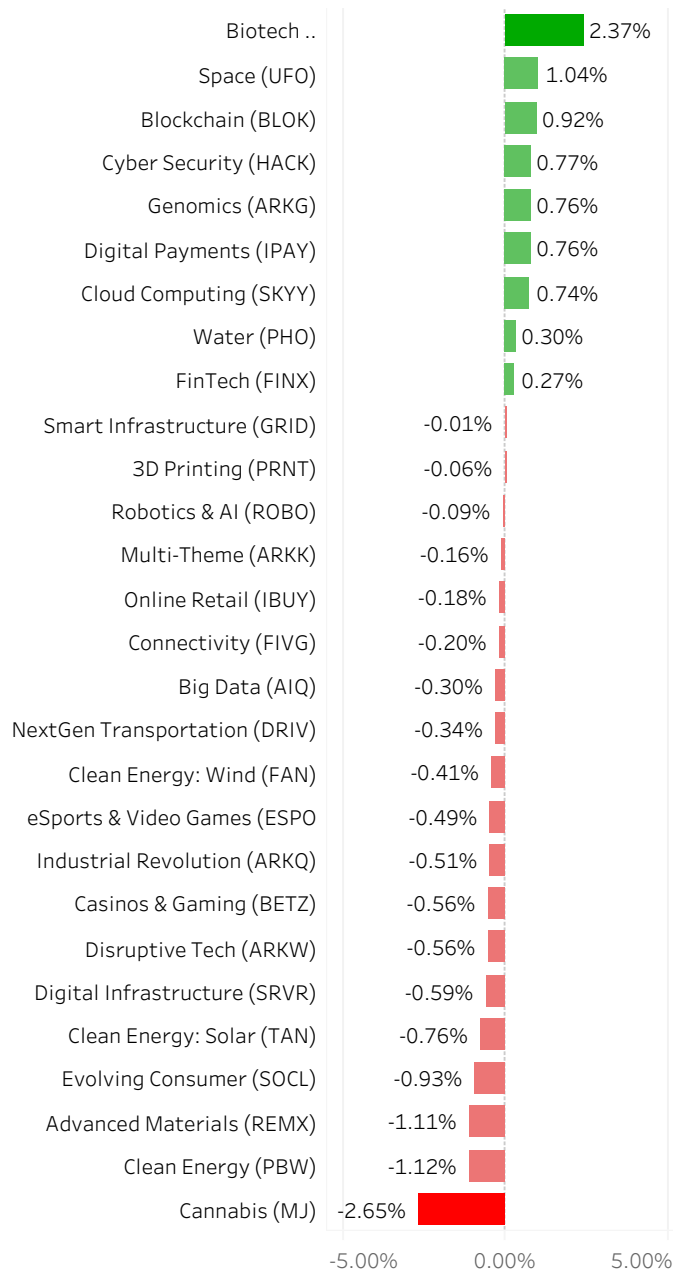


Multi-Sector

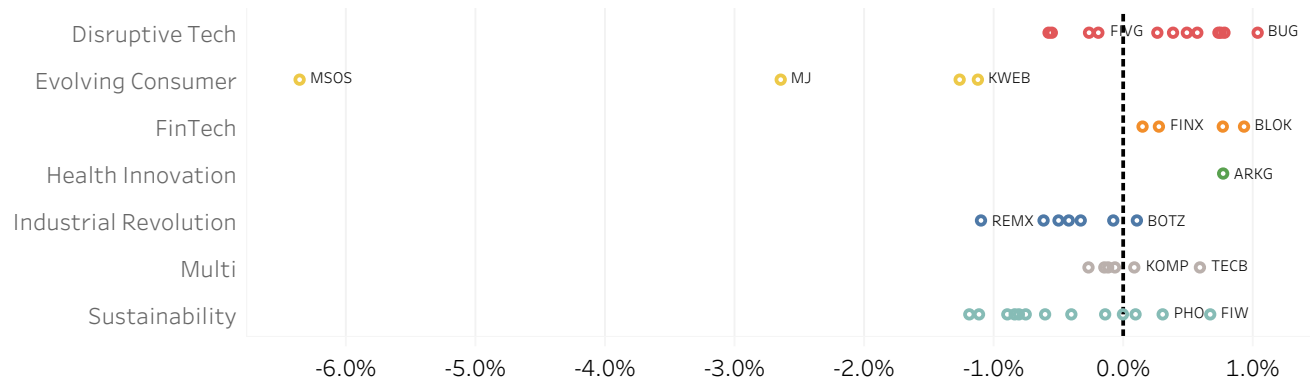


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Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	Performance
SBIO	ALPS Medical Breakthroughs ETF	2.37%
HERO	Global X Video Games & Esports ETF	2.11%
BTEC	Principal Healthcare Innovators ETF	1.84%
GNOM	Global X Genomics & Biotechnology ETF	1.35%
UFO	Procure Space ETF	1.04%
BUG	Global X Cybersecurity ETF	1.03%
BLOK	Amplify Transformational Data Sharing ETF	0.92%
LEGR	First Trust Indxx Innovative Transaction & Process ETF	0.79%
HACK	ETFMG Prime Cyber Security ETFMG Prime Cyber Securit..	0.77%
ARKG	ARK Genomic Revolution ETF	0.76%

Thematic Most Overbought

Ticker	Fund	Value
KWEB	KraneShares CSI China Internet ETF	58.42
EMQQ	EMQQ The Emerging Markets Internet & Ecommerce ETF	53.69
SOCL	Global X Social Media ETF	50.76
LEGR	First Trust Indxx Innovative Transaction & Process ETF	47.46
HERO	Global X Video Games & Esports ETF	47.45
BOTZ	Global X Robotics & Artificial Intelligence ETF	47.36
UFO	Procure Space ETF	47.15
FAN	First Trust Global Wind Energy ETF	47.03
BTEC	Principal Healthcare Innovators ETF	46.76
CLOU	Global X Cloud Computing ETF	46.54

Global Thematic 1-Day Performance Laggards

Ticker	Fund	Performance
MJUS	ETFMG U.S. Alternative Harvest ETF	-10.28%
MSOS	AdvisorShares Pure US Cannabis ETF	-6.37%
YOLO	AdvisorShares Pure Cannabis ETF	-3.62%
MJ	ETFMG Alternative Harvest ETFMG Alternative Harvest	-2.65%
KGRN	KraneShares MSCI China Clean Technology Index ETF	-1.46%
EMQQ	EMQQ The Emerging Markets Internet & Ecommerce E..	-1.27%
CNRG	SPDR S&P Kensho Clean Power ETF	-1.20%
ONLN	ProShares Online Retail ETF	-1.17%
KWEB	KraneShares CSI China Internet ETF	-1.13%
PBW	Invesco WilderHill Clean Energy ETF	-1.12%

Thematic Most Oversold

Ticker	Fund	Value
YOLO	AdvisorShares Pure Cannabis ETF	26.52
MSOS	AdvisorShares Pure US Cannabis ETF	27.08
MJUS	ETFMG U.S. Alternative Harvest ETF	27.54
MJ	ETFMG Alternative Harvest ETFMG Alternative Harvest	29.94
HAIL	SPDR S&P Kensho Smart Mobility ETF	30.29
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	31.62
REMX	VanEck Rare Earth/Strategic Metals ETF	31.85
PBW	Invesco WilderHill Clean Energy ETF	31.86
ACES	ALPS Clean Energy ETF	32.37
BLCN	Siren ETF Trust Siren Nasdaq NexGen Economy ETF	33.18

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Thematic 1 Week Flow Leaders

Ticker	Fund	
PBW	Invesco WilderHill Clean Energy ETF	\$84M
TARK	AXS 2X Innovation ETF	\$11M
XT	iShares Exponential Technologies ETF	\$8M
ARKG	ARK Genomic Revolution ETF	\$5M
GNOM	Global X Genomics & Biotechnology ETF	\$4M
TIME	Clockwise Capital Innovation ETF	\$4M
PHO	Invesco Water Resources ETF	\$3M
WCLD	WisdomTree Cloud Computing Fund	\$3M
ONLN	ProShares Online Retail ETF	\$2M
BJK	VanEck Gaming ETF	\$2M

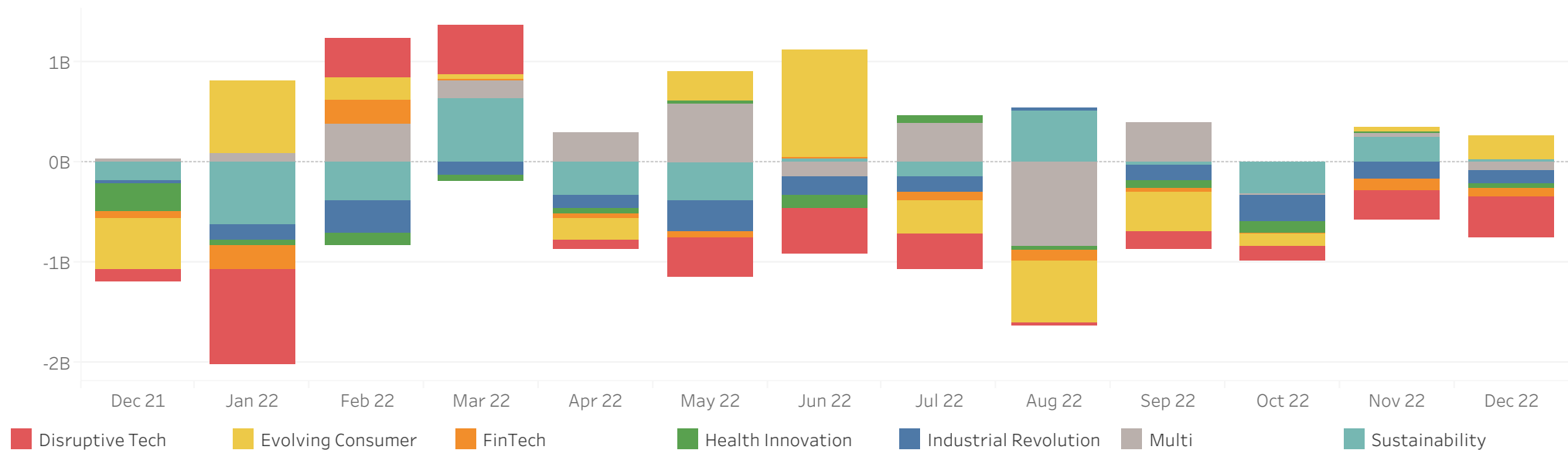
Thematic 1 Week Flow Laggards

Ticker	Fund	
KWEB	KraneShares CSI China Internet ETF	(\$114M)
CIBR	First Trust NASDAQ Cybersecurity ETF	(\$52M)
ARKK	ARK Innovation ETF	(\$47M)
LIT	Global X Lithium & Battery Tech ETF	(\$44M)
KOMP	SPDR S&P Kensho New Economies Composite ETF	(\$38M)
BKCH	Global X Blockchain ETF	(\$28M)
BUG	Global X Cybersecurity ETF	(\$26M)
NXTG	First Trust Indxx NextG ETF	(\$25M)
SKYY	First Trust Cloud Computing ETF	(\$25M)
TAN	Invesco Solar ETF	(\$19M)

Thematic Landscape Assets & Flows

Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	35	\$15B	(\$136M)	(\$866M)	(\$1,435M)	(\$2,487M)
Evolving Consumer	46	\$10B	(\$109M)	(\$114M)	(\$747M)	\$402M
FinTech	22	\$2B	(\$43M)	(\$234M)	(\$432M)	(\$582M)
Health Innovation	19	\$3B	(\$19M)	(\$159M)	(\$288M)	(\$846M)
Industrial Revolution	32	\$10B	(\$63M)	(\$623M)	(\$915M)	(\$2,123M)
Multi	41	\$13B	(\$229M)	\$197M	(\$79M)	\$1,290M
Sustainability	40	\$18B	\$65M	(\$165M)	\$449M	(\$957M)
Grand Total	235	\$71B	(\$535M)	(\$1,963M)	(\$3,446M)	(\$5,304M)

Thematic Monthly Flows

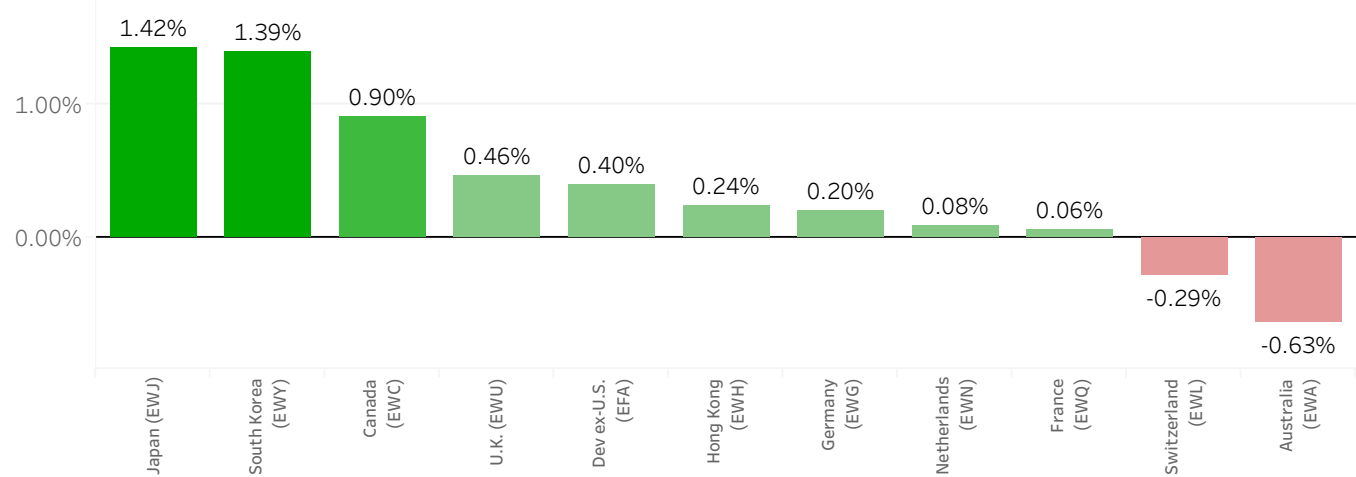


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Developed ex-U.S. (EFA)



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



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



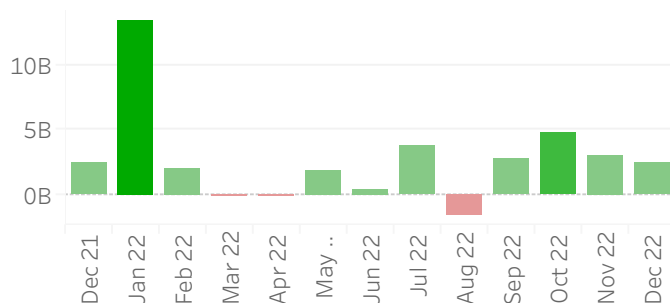
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
FJP	First Trust Japan AlphaDEX Fund	2.63%
EWJV	iShares MSCI Japan Value ETF	2.39%
FDT	First Trust Developed Markets ex-US AlphaDEX Fund	2.34%
DFJ	WisdomTree Japan SmallCap Dividend Fund	2.04%
FLKR	Franklin FTSE South Korea ETF	1.67%
EWJ	iShares MSCI Japan ETF	1.42%
JPXN	iShares JPX-Nikkei 400 ETF	1.42%
EWY	iShares MSCI South Korea ETF	1.39%
CIL	VictoryShares International Volatility Wtd ETF	1.39%
FLJP	Franklin FTSE Japan ETF	1.38%

Developed ex-U.S. Most Overbought

Ticker	Fund	Value
GREK	Global X MSCI Greece ETF	62.50
DFJ	WisdomTree Japan SmallCap Dividend Fund	61.18
EWH	iShares MSCI Hong Kong ETF	61.00
EWJV	iShares MSCI Japan Value ETF	59.94
FJP	First Trust Japan AlphaDEX Fund	58.76
EDEN	iShares MSCI Denmark ETF	58.17
IMOM	Alpha Architect International Quantitative Momentum ETF	57.96
SCJ	iShares MSCI Japan Small-Cap ETF	57.19
FYLD	Cambria Foreign Shareholder Yield ETF	56.97
IMFL	Invesco International Developed Dynamic Multifactor ETF	56.91

Developed ex-U.S. Monthly Flows



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

Ticker	Fund	1-Day Performance
HEWJ	iShares Currency Hedged MSCI Japan ETF	-2.71%
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	-2.61%
DXJ	WisdomTree Japan Hedged Equity Fund	-1.89%
HSCZ	iShares Currency Hedged MSCI EAFE Small-Cap ETF	-1.24%
ENZL	iShares MSCI New Zealand ETF	-0.80%
MINV	Matthews Asia Innovators Active ETF	-0.78%
IHDG	WisdomTree International Hedged Quality Dividend Grow..	-0.64%
EWA	iShares MSCI Australia ETF	-0.63%
HEFA	iShares Currency Hedged MSCI EAFE ETF	-0.55%
DDLS	WisdomTree Dynamic Currency Hedged International Sma..	-0.50%

Developed ex-U.S. Most Oversold

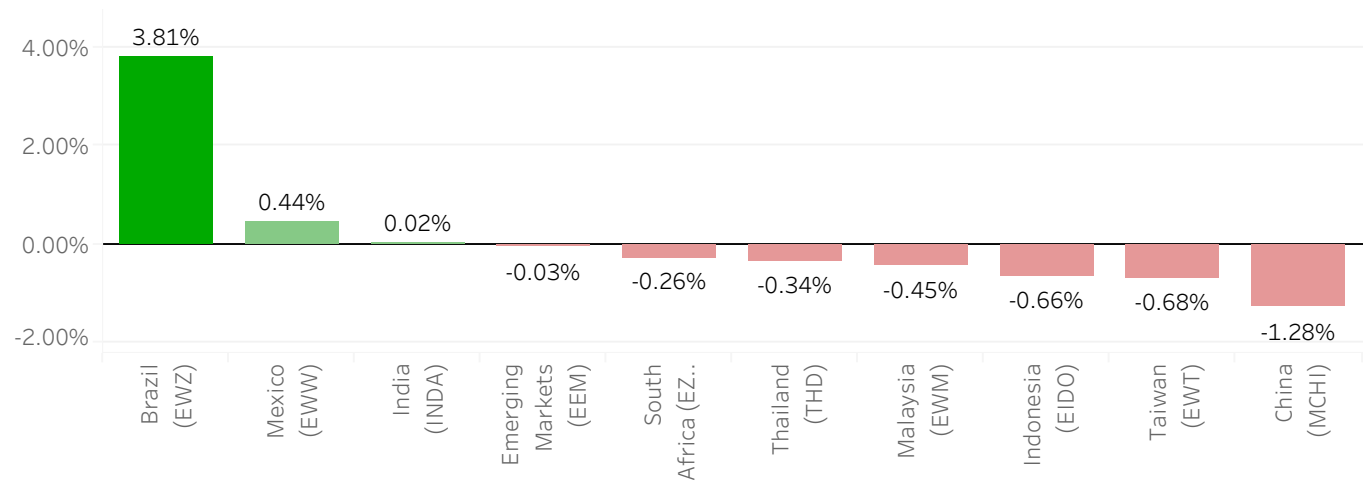
Ticker	Fund	Value
HEWJ	iShares Currency Hedged MSCI Japan ETF	13.36
HSCZ	iShares Currency Hedged MSCI EAFE Small-Cap ETF	18.11
HEFA	iShares Currency Hedged MSCI EAFE ETF	20.10
DBEF	Xtrackers MSCI EAFE Hedged Equity ETF	22.22
IHDG	WisdomTree International Hedged Quality Dividend ..	24.49
HEZU	iShares Currency Hedged MSCI Eurozone ETF	24.75
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	30.60
LVHI	Franklin International Low Volatility High Dividend I..	33.52
BBCA	JPMorgan BetaBuilders Canada ETF	34.29
EIS	iShares MSCI Israel ETF	34.58

*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)



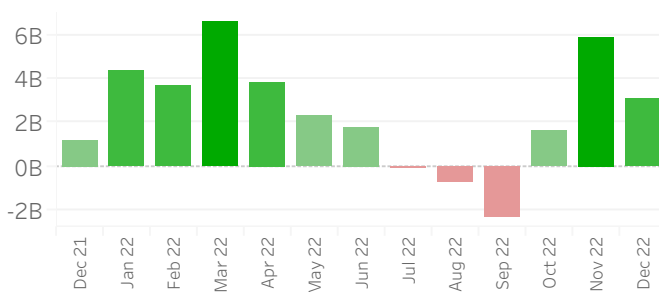
Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
EWZS	iShares MSCI Brazil Small-Cap ETF	5.66%
FLBR	Franklin FTSE Brazil ETF	4.02%
FBZ	First Trust Brazil AlphaDEX Fund	3.97%
EWZ	iShares MSCI Brazil ETF	3.81%
FLN	First Trust Latin America AlphaDEX Fund	2.74%
FLLA	Franklin FTSE Latin America ETF	2.70%
ILF	iShares Latin America 40 ETF	2.66%
EPOL	iShares MSCI Poland ETF	2.30%
EPHE	iShares MSCI Philippines ETF	2.00%
EPU	iShares MSCI Peru ETF	1.66%

Emerging Most Overbought

Ticker	Fund	Price
TUR	iShares MSCI Turkey ETF	72.03
FEMS	First Trust Emerging Markets Small Cap AlphaDEX Fu..	63.47
FEM	First Trust Emerging Markets AlphaDEX Fund	61.29
EPOL	iShares MSCI Poland ETF	61.24
PIE	Invesco DWA Emerging Markets Momentum ETF	58.49
UEVM	VictoryShares Emerging Markets Value Momentum E..	57.65
PGJ	Invesco Golden Dragon China ETF	57.05
EYLD	Cambria Emerging Shareholder Yield ETF	56.52
DGS	WisdomTree Emerging Markets SmallCap Dividend F..	56.11
FNI	First Trust Chindia ETF	54.28

Emerging 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
ECNS	iShares MSCI China Small-Cap ETF	-2.08%
FXI	iShares China Large-Cap ETF	-1.51%
MCHI	iShares MSCI China ETF	-1.28%
FLCH	Franklin FTSE China ETF	-1.21%
KBA	KraneShares Bosera MSCI China A 50 Connect Index ETF	-1.10%
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	-1.07%
GXC	SPDR S&P China ETF	-1.06%
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	-0.93%
CNYA	iShares MSCI China A ETF	-0.77%
EWT	iShares MSCI Taiwan ETF	-0.68%

Emerging Most Oversold

Ticker	Fund	Price
PIN	Invesco India ETF	19.91
KBA	KraneShares Bosera MSCI China A 50 Connect Index ..	25.01
EWT	iShares MSCI Taiwan ETF	25.12
QAT	iShares MSCI Qatar ETF	25.30
KSA	iShares MSCI Saudi Arabia ETF	33.70
INDY	iShares India 50 ETF	34.80
GLIN	VanEck India Growth Leaders ETF	35.47
ILF	iShares Latin America 40 ETF	37.54
RAYC	Rayliant Quantamental China Equity ETF	37.90
FLTW	Franklin FTSE Taiwan ETF	38.64

*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	-0.68%	1.56%	-12.06%
SHY	1-3 Year Treasury Bonds	0.00%	0.75%	-3.69%
IEF	7-10 Year Treasury Bonds	-0.73%	1.40%	-13.99%
TLT	20+ Year Treasury Bonds	-1.78%	4.30%	-28.57%
TIP	TIPS Bonds	-0.03%	1.57%	-11.63%
FLOT	Floating Rate Bonds	0.10%	0.44%	0.86%
LQD	Investment Grade Corporate	-1.18%	1.46%	-16.95%
HYG	High Yield Corporate	-0.26%	0.68%	-10.51%
BKLN	Senior Loan	-0.05%	0.10%	-2.13%
PFF	Preferred & Income Securities	-0.39%	-0.53%	-16.90%
MUB	Municipal Bonds	-0.31%	1.06%	-7.31%
MBB	MBS	-0.77%	1.63%	-10.74%
EMB	Dollar Denominated EM Bonds	-0.50%	2.45%	-18.28%
LEMB	Local Currency EM Bond	0.38%	2.83%	-11.04%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	0.45%	-2.42%	16.38%
DBE	Energy	-0.32%	-7.83%	28.46%
USO	WTI Crude Oil	0.23%	-4.07%	21.82%
BNO	Brent Crude Oil	-0.34%	-8.26%	26.40%
UNG	Natural Gas	-7.72%	-19.21%	32.99%
UGA	Gasoline	1.40%	-5.71%	31.08%
DBP	Precious Metals	2.51%	5.76%	-1.68%
GLD	Gold	1.66%	3.86%	-1.10%
SLV	Silver	5.26%	15.48%	3.35%
PPLT	abrdn Physical Platin..	3.00%	2.78%	3.98%
PALL	abrdn Physical Palla..	4.12%	-10.87%	-8.84%
DBB	Base Metals	1.29%	1.72%	-10.66%
CPER	Copper	1.28%	4.83%	-15.40%
LD	Lead	0.84%	0.20%	-2.71%
JJN	Nickel	3.48%	9.04%	35.92%
JJU	Aluminum	0.50%	-2.02%	-15.68%
JJT	Tin	1.68%	5.10%	-36.03%
DBA	Agriculture	0.76%	0.14%	0.85%
CORN	Corn	0.58%	-2.07%	20.71%
SOYB	Soybeans	0.73%	2.44%	21.63%
WEAT	Wheat	-0.13%	-8.59%	2.30%
CANE	Sugar	1.25%	2.00%	5.22%
BAL	Cotton	3.97%	4.89%	-2.93%
NIB	Cocoa	0.26%	1.86%	-7.52%
JO	Coffee	2.83%	8.61%	-21.23%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	-0.68%	-2.38%	9.73%
UDN	Short Dollar	0.71%	2.93%	-8.41%
FXE	Euro	0.05%	2.78%	-7.39%
FXB	British Pound Sterling	0.18%	2.62%	-9.78%
FXF	Swiss Franc	0.30%	2.83%	-2.55%
FXJ	Japanese Yen	4.05%	6.59%	-13.02%
FXC	Canadian Dollar	0.30%	-1.57%	-7.01%
FXA	Australian Dollar	-0.44%	-0.09%	-8.50%

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

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