

Large Cap Blend (S&P 500) IVV



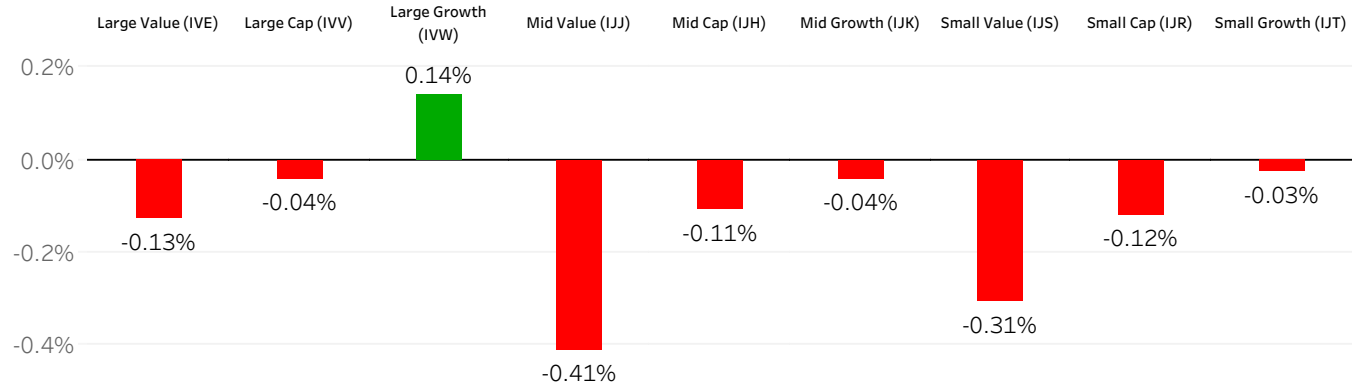
Mid Cap Blend (S&P 400) IJH



Small Cap Blend (S&P 600) IJR



U.S. Size & Style 1-Day Performance



Size & Style 1-Day Performance Leaders

Ticker	Fund	Performance
LCG	Sterling Capital Focus Equity ETF	2.38%
TMFS	Motley Fool Small-Cap Growth ETF	1.58%
TMFM	Motley Fool Mid-Cap Growth ETF	1.39%
XOUT	GraniteShares XOUT US Large Cap ETF	1.06%
RPHS	Regents Park Hedged Market Strategy ETF	0.92%
IPO	Renaissance IPO ETF	0.87%
NUMG	Nuveen ESG Mid-Cap Growth ETF	0.87%
VOT	Vanguard Mid-Cap Growth ETF	0.83%
QQQJ	Invesco NASDAQ Next Gen 100 ETF	0.79%
ISMD	Inspire Small/Mid Cap ETF	0.78%

Size & Style Most Overbought

Ticker	Fund	Value
SPC	CrossingBridge Pre-Merger SPAC ETF	81.74
ACSI	American Customer Satisfaction ETF	77.93
PTLC	Pacer Trendpilot US Large Cap ETF	76.10
DURA	VanEck Durable High Dividend ETF	74.28
USNZ	Xtrackers Net Zero Pathway Paris Aligned US Equity ETF	73.75
DEIF	Sterling Capital Diverse Multi-Manager Active ETF	72.00
USMV	iShares MSCI USA Min Vol Factor ETF	70.04
XRLV	Invesco S&P 500 ex-Rate Sensitive Low Volatility ETF	70.01
PWV	Invesco Dynamic Large Cap Value ETF	69.99
HUSV	First Trust Horizon Managed Volatility Domestic ETF	69.88

Size & Style 1-Day Performance Laggards

Ticker	Fund	Performance
EQRR	ProShares Equities for Rising Rates ETF	-1.92%
FFTY	Innovator IBD 50 ETF	-1.41%
QMOM	Momentumshares US Quantitative Momentum ETF	-1.20%
REGL	ProShares S&P MidCap 400 Dividend Aristocrats ETF	-0.96%
CALF	Pacer US Small Cap Cash Cows 100 ETF	-0.94%
XMMO	Invesco S&P MidCap Momentum ETF	-0.89%
DWAS	Invesco DWA SmallCap Momentum ETF	-0.85%
UTRN	Vesper U.S. Large Cap Short-Term Reversal Strategy ETF	-0.76%
SURE	AdvisorShares Insider Advantage ETF	-0.75%
RZV	Invesco S&P Smallcap 600 Pure Value ETF	-0.74%

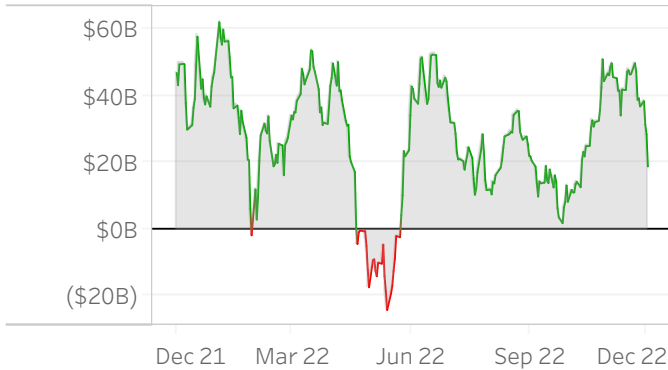
Size & Style Most Oversold

Ticker	Fund	Value
FFTY	Innovator IBD 50 ETF	45.19
LSAT	Leadershares Alphafactor Tactical Focused ETF	49.82
QMOM	Momentumshares US Quantitative Momentum E..	51.14
AIEQ	AI Powered Equity ETF	52.69
FPX	First Trust US Equity Opportunities ETF	54.43
IPO	Renaissance IPO ETF	54.48
EQRR	ProShares Equities for Rising Rates ETF	55.45
QVAL	Alpha Architect US Quantitative Value ETF	55.70
DWAS	Invesco DWA SmallCap Momentum ETF	55.83
IWC	iShares Micro-Cap ETF	56.29

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

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

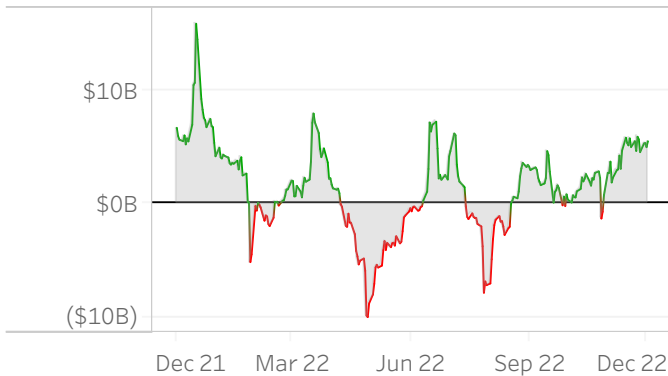
Large-Cap 30-Day Rolling Flows



Mid-Cap 30-Day Rolling Flows



Small-Cap 30-Day Rolling Flows



U.S. Size & Style Landscape Flows

	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Large Cap, Beta Growth, Beta	25	\$1,266B	(\$8.48B)	\$27.71B	\$53.64B	\$94.45B
Large Cap, Beta Growth, Beta: Growth	10	\$229B	\$0.23B	\$6.30B	\$13.19B	\$21.12B
Large Cap, Beta Growth, Beta: Value	11	\$228B	(\$4.57B)	(\$0.94B)	\$0.52B	\$17.95B
Mid Cap, Beta, Beta	10	\$187B	\$0.20B	\$4.40B	\$6.47B	\$13.49B
Mid Cap, Beta, Beta: Growth	6	\$34B	\$0.00B	\$0.45B	\$1.25B	\$0.66B
Mid Cap, Beta, Beta: Value	6	\$43B	\$0.15B	\$1.20B	\$1.88B	\$2.25B
Small Cap, Beta, Beta	13	\$199B	(\$0.24B)	\$4.29B	\$4.98B	\$3.38B
Small Cap, Beta, Beta: Growth	7	\$32B	(\$0.08B)	\$0.07B	\$0.39B	\$1.58B
Small Cap, Beta, Beta: Value	7	\$52B	\$0.13B	\$0.53B	(\$0.27B)	(\$2.00B)

U.S. Size & Style Flow Leaders

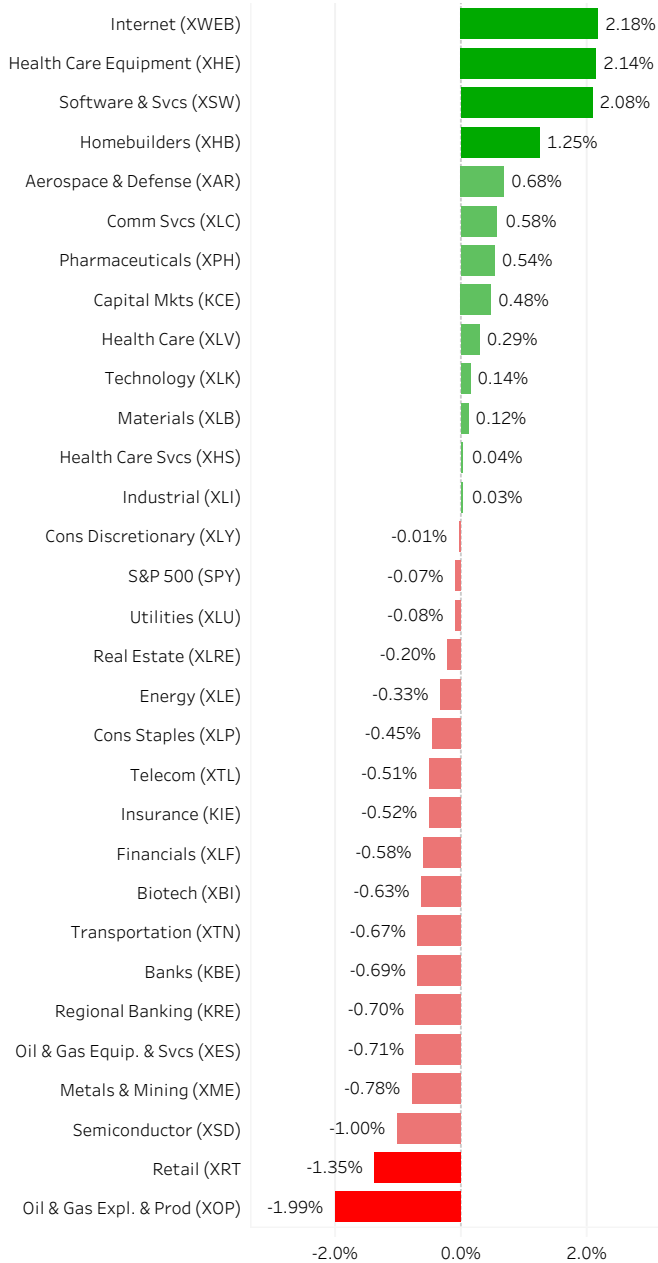
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
IVV	iShares Core S&P 500 ETF	\$0.84B	\$6.65B	\$13.43B	\$26.80B	\$312.09B
VOO	Vanguard S&P 500 ETF	\$0.40B	\$5.60B	\$19.97B	\$36.46B	\$278.65B
SCHD	Schwab US Dividend Equity ETF	\$0.23B	\$4.17B	\$7.48B	\$13.38B	\$45.06B
VIG	Vanguard Dividend Appreciation ETF	\$0.17B	\$1.08B	\$1.35B	\$4.05B	\$67.60B
VTI	Vanguard Total Stock Market ETF	\$0.15B	\$6.88B	\$12.96B	\$27.82B	\$276.26B
SPYG	SPDR Portfolio S&P 500 Growth ETF	\$0.11B	\$0.10B	\$2.27B	\$2.13B	\$14.42B
VUG	Vanguard Growth ETF	\$0.11B	\$1.93B	\$4.63B	\$9.23B	\$74.21B
IJR	iShares Core S&P Small Cap ETF	\$0.11B	\$0.77B	\$3.64B	\$4.48B	\$69.71B
IWB	iShares Russell 1000 ETF	\$0.11B	\$1.02B	\$1.18B	\$2.05B	\$29.15B
DVY	iShares Select Dividend ETF	\$0.09B	\$0.63B	\$0.63B	\$3.33B	\$23.28B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
VTV	Vanguard Value ETF	(\$4.67B)	(\$4.17B)	(\$2.07B)	\$10.09B	\$102.10B
QQQ	Invesco QQQ Trust	(\$2.89B)	\$0.77B	\$3.90B	\$7.61B	\$162.16B
IWM	iShares Russell 2000 ETF	(\$0.49B)	\$2.18B	\$0.67B	(\$3.22B)	\$56.06B
VYM	Vanguard High Dividend Yield Index ETF	(\$0.35B)	\$1.42B	\$4.24B	\$9.29B	\$51.94B
ITOT	iShares Core S&P Total U.S. Stock Market ETF	(\$0.10B)	(\$0.44B)	\$0.73B	\$2.35B	\$41.22B
IWO	iShares Russell 2000 Growth ETF	(\$0.07B)	\$0.11B	(\$0.29B)	\$0.59B	\$9.69B
IVW	iShares S&P 500 Growth ETF	(\$0.05B)	\$0.68B	\$0.79B	(\$0.29B)	\$30.38B
SPTM	SPDR Portfolio S&P 1500 Composite Stock Ma..	(\$0.04B)	\$0.07B	\$0.38B	\$0.77B	\$5.88B
IWF	iShares Russell 1000 Growth ETF	(\$0.03B)	\$1.61B	\$1.70B	\$2.94B	\$62.61B
QUAL	iShares MSCI USA Quality Factor ETF	(\$0.03B)	(\$0.69B)	(\$1.93B)	(\$1.97B)	\$18.86B

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S&P Sector & Industry 1 Day Performance



Select Sector SPDRs Technicals

Ticker	Fund Name	% From 52W High	% From 52W Low	% Abv/Below 50 SMA	% Abv/Below 200 SMA	RSI (14D)
XLV	Health Care Select Sector SPDR Fund	-2.39%	16.29%	7.69%	6.88%	71.21
XLE	Energy Select Sector SPDR Fund	-3.43%	71.38%	6.00%	13.98%	52.80
XLP	Consumer Staples Select Sector SPDR Fund	-4.63%	15.55%	7.72%	4.36%	69.03
XLI	Industrial Select Sector SPDR Fund	-4.95%	22.83%	10.07%	8.01%	67.70
XLB	Materials Select Sector SPDR Fund	-8.56%	23.07%	11.04%	4.60%	66.53
XLU	Utilities Select Sector SPDR Fund	-8.64%	16.01%	6.64%	0.18%	62.60
XLF	Financial Select Sector SPDR Fund	-12.84%	19.18%	8.46%	5.27%	62.73
SPY	SPDR S&P 500 ETF Trust	-14.72%	14.25%	7.14%	1.10%	63.46
XLK	Technology Select Sector SPDR Fund	-22.93%	16.81%	8.11%	-0.70%	60.83
XLRE	Real Estate Select Sector SPDR Fund	-24.42%	15.96%	7.17%	-7.14%	61.08
XLY	Consumer Discretionary Select Sector SPDR Fund	-30.51%	10.69%	2.82%	-6.31%	57.76
XLC	Communication Services Select Sector SPDR Fund	-34.31%	14.09%	5.61%	-9.00%	61.85

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
XHE	SPDR S&P Health Care Equipment ETF	2.14%
XSW	SPDR S&P Software & Services ETF	2.08%
PSJ	Invesco Dynamic Software ETF	1.70%
ITB	iShares U.S. Home Construction ETF	1.35%
QTEC	First Trust NASDAQ-100 Technology Sector Index ..	1.34%
XHB	SPDR S&P Homebuilders ETF	1.25%
FDN	First Trust Dow Jones Internet Index Fund	1.16%
IHI	iShares U.S. Medical Devices ETF	1.11%
IGV	iShares Expanded Tech-Software Sector ETF	1.11%
IHE	iShares U.S. Pharmaceuticals ETF	1.08%

Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
IYK	iShares U.S. Consumer Staples ETF	72.50
IYH	iShares U.S. Healthcare ETF	71.74
IHE	iShares U.S. Pharmaceuticals ETF	71.71
PINK	Simplify Health Care ETF	71.30
XLV	Health Care Select Sector SPDR Fund	71.21
VHT	Vanguard Health Care ETF	70.39
FHLC	Fidelity MSCI Health Care Index ETF	70.15
RYH	Invesco S&P 500 Equal Weight Health Care ETF	69.53
RHS	Invesco S&P 500 Equal Weight Consumer Staples ETF	69.21
XLP	Consumer Staples Select Sector SPDR Fund	69.03

Sector & Industry 1 Day Performance Laggards

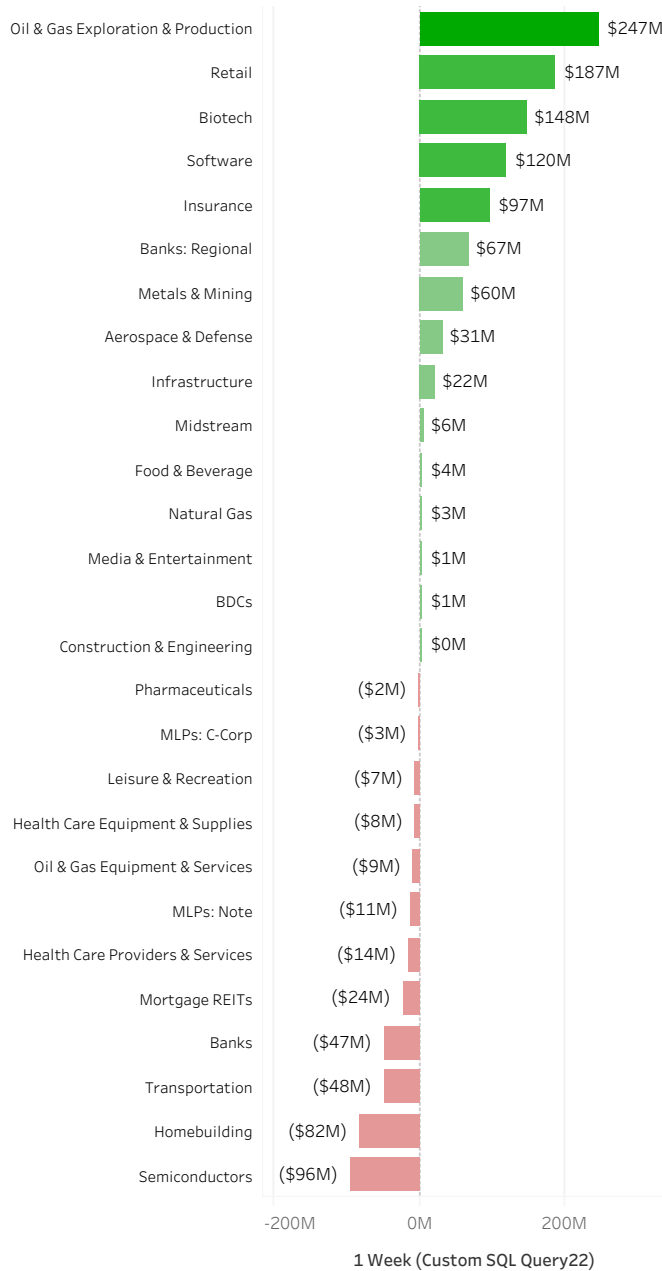
Ticker	Fund	1 Day Performance
PSCE	Invesco S&P SmallCap Energy ETF	-2.02%
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	-1.99%
PXI	Invesco DWA Energy Momentum ETF	-1.82%
PXE	Invesco Dynamic Energy Exploration & Production ETF	-1.73%
FCG	First Trust Natural Gas ETF	-1.73%
XRT	SPDR S&P Retail ETF	-1.35%
FTXO	First Trust Nasdaq Bank ETF	-1.25%
FXN	First Trust Energy AlphaDEX Fund	-1.17%
KBWB	Invesco KBW Bank ETF	-1.14%
TPYP	Tortoise North American Pipeline Fund	-1.10%

Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
AMLP	Alerian MLP ETF	44.03
PXE	Invesco Dynamic Energy Exploration & Production ETF	44.48
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	46.56
FTXN	First Trust Nasdaq Oil & Gas ETF	47.39
PSCE	Invesco S&P SmallCap Energy ETF	47.87
FCG	First Trust Natural Gas ETF	48.04
IEO	iShares U.S. Oil & Gas Exploration & Production ETF	48.67
PXI	Invesco DWA Energy Momentum ETF	49.19
MLPA	Global X MLP ETF	49.45
FXN	First Trust Energy AlphaDEX Fund	50.74

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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	(\$20M)	(\$443M)	(\$387M)	(\$1,504M)
Consumer Discretionary	12	\$22B	(\$290M)	\$9M	(\$929M)	(\$6,102M)
Consumer Staples	10	\$31B	\$193M	\$1,372M	\$2,206M	\$8,577M
Energy	33	\$85B	(\$263M)	\$723M	(\$3,304M)	\$1,997M
Financials	26	\$63B	(\$138M)	(\$1,895M)	(\$1,552M)	(\$8,501M)
Health Care	23	\$100B	\$455M	\$2,826M	\$4,569M	\$13,855M
Industrial	13	\$30B	(\$544M)	(\$45M)	(\$898M)	(\$2,372M)
Materials	9	\$14B	\$108M	(\$719M)	(\$3,334M)	(\$1,494M)
Multi-Sector	19	\$14B	(\$116M)	(\$624M)	(\$2,382M)	(\$6,234M)
Real Estate	25	\$62B	(\$349M)	(\$721M)	(\$3,177M)	(\$3,276M)
Technology	23	\$121B	(\$420M)	\$1,745M	\$1,271M	\$275M
Utilities	9	\$27B	\$548M	(\$2M)	\$1,342M	\$5,830M

U.S. Sector & Industry Flow Leaders

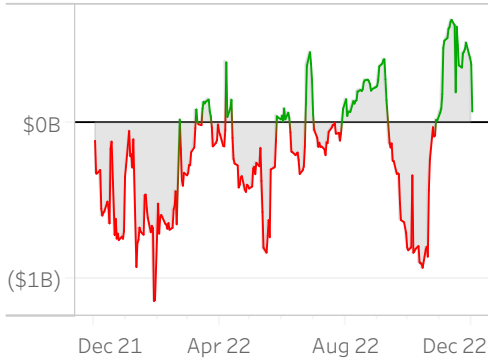
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLU	Utilities Select Sector SPDR Fund	\$539M	\$196M	\$1,040M	\$4,122M	\$17,075M
XLV	Health Care Select Sector SPDR Fund	\$297M	\$1,277M	\$1,798M	\$9,019M	\$43,303M
XOP	SPDR S&P Oil & Gas Exploration & Production E..	\$249M	(\$48M)	(\$464M)	(\$664M)	\$4,915M
XBI	SPDR S&P BIOTECH ETF	\$233M	\$1,022M	\$1,222M	\$3,599M	\$8,404M
XRT	SPDR S&P Retail ETF	\$187M	\$346M	\$281M	\$51M	\$700M
XLP	Consumer Staples Select Sector SPDR Fund	\$142M	\$1,216M	\$1,352M	\$5,025M	\$17,780M
IGV	iShares Expanded Tech-Software Sector ETF	\$120M	\$1,003M	\$638M	\$825M	\$4,910M
KIE	SPDR S&P Insurance ETF	\$84M	\$47M	\$138M	\$153M	\$627M
KRE	SPDR S&P Regional Banking ETF	\$67M	(\$290M)	(\$490M)	(\$1,081M)	\$3,211M
XME	SPDR S&P Metals & Mining ETF	\$60M	\$151M	(\$592M)	\$203M	\$2,201M

U.S. Sector & Industry Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLI	Industrial Select Sector SPDR Fund	(\$519M)	(\$260M)	(\$641M)	(\$2,354M)	\$13,957M
XLE	Energy Select Sector SPDR Fund	(\$472M)	\$36M	(\$1,769M)	(\$153M)	\$42,890M
XLY	Consumer Discretionary Select Sector SPDR Fu..	(\$471M)	(\$259M)	(\$952M)	(\$3,029M)	\$14,096M
XLK	Technology Select Sector SPDR Fund	(\$411M)	\$310M	\$745M	\$1,198M	\$41,314M
IYR	iShares U.S. Real Estate ETF	(\$153M)	(\$580M)	(\$844M)	(\$2,151M)	\$3,283M
XLF	Financial Select Sector SPDR Fund	(\$153M)	(\$2,198M)	(\$841M)	(\$4,290M)	\$33,744M
XLRE	Real Estate Select Sector SPDR Fund	(\$138M)	\$175M	\$127M	\$916M	\$5,073M
VNQ	Vanguard Real Estate ETF	(\$103M)	(\$382M)	(\$1,923M)	(\$1,487M)	\$36,004M
IBB	iShares Biotechnology ETF	(\$100M)	\$263M	\$271M	\$163M	\$8,900M
SOXX	iShares Semiconductor ETF	(\$96M)	(\$41M)	(\$517M)	(\$192M)	\$6,543M

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Communication Services



Consumer Discretionary



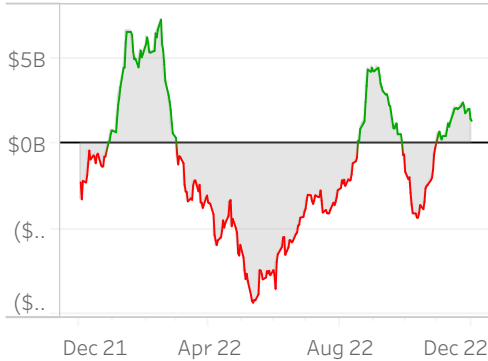
Consumer Staples



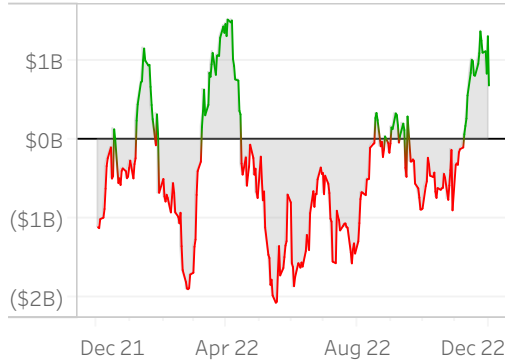
Energy



Financials



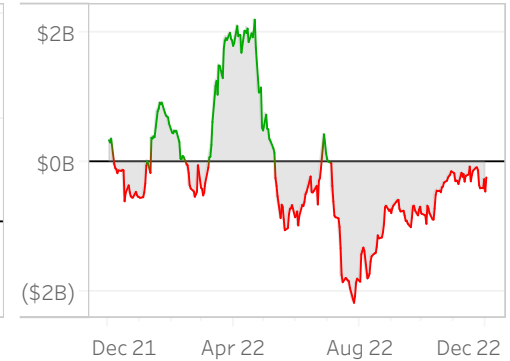
Industrial



Health Care



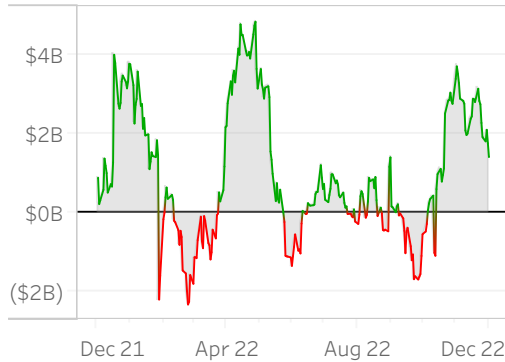
Materials



Real Estate



Technology



Utilities

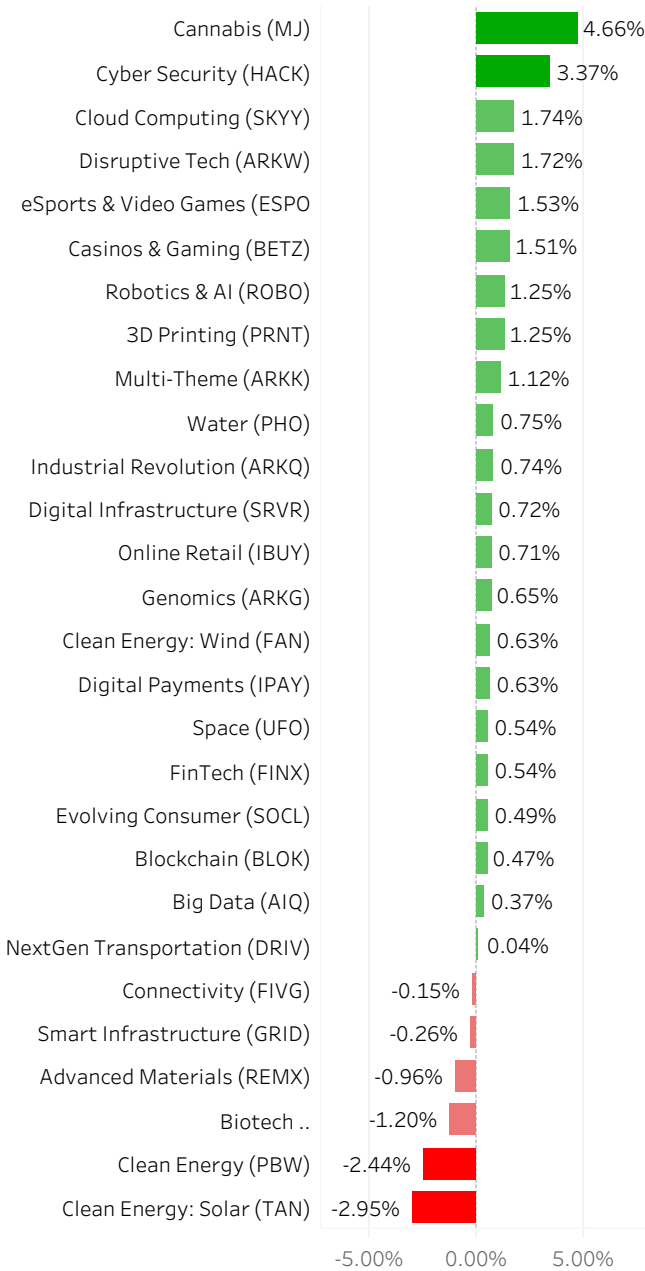


Multi-Sector



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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
MSOS	AdvisorShares Pure US Cannabis ETF	6.78%
YOLO	AdvisorShares Pure Cannabis ETF	5.13%
MJ	ETFMG Alternative Harvest ETFMG Alternative Harvest	4.66%
MJUS	ETFMG U.S. Alternative Harvest ETF	4.51%
POTX	Global X Cannabis ETF	4.26%
BUG	Global X Cybersecurity ETF	3.79%
HACK	ETFMG Prime Cyber Security ETFMG Prime Cyber Securit..	3.37%
IHAK	iShares Cybersecurity & Tech ETF	3.01%
CIBR	First Trust NASDAQ Cybersecurity ETF	2.99%
WCLD	WisdomTree Cloud Computing Fund	2.96%

Thematic Most Overbought

Ticker	Fund	Value
BJK	VanEck Gaming ETF	73.48
GDOC	Goldman Sachs Future Health Care Equity ETF	70.80
LEGR	First Trust Indxx Innovative Transaction & Process ETF	68.48
KLDW	Knowledge Leaders Developed World ETF	67.88
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure ..	67.56
MJUS	ETFMG U.S. Alternative Harvest ETF	65.98
SNSR	Global X Internet of Things ETF	65.70
QTUM	Defiance Quantum ETF	65.52
AIQ	Global X Artificial Intelligence & Technology ETF	65.47
BETZ	Roundhill Sports Betting & iGaming ETF	65.17

Global Thematic 1-Day Performance Laggards

Ticker	Fund	Performance
TAN	Invesco Solar ETF	-2.95%
PBW	Invesco WilderHill Clean Energy ETF	-2.44%
ACES	ALPS Clean Energy ETF	-2.08%
EVX	VanEck Environmental Services ETF	-1.99%
CNRG	SPDR S&P Kensho Clean Power ETF	-1.81%
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	-1.72%
KGRN	KraneShares MSCI China Clean Technology Index ETF	-1.24%
SBIO	ALPS Medical Breakthroughs ETF	-1.20%
KWEB	KraneShares CSI China Internet ETF	-1.16%
ERTH	Invesco MSCI Sustainable Future ETF	-1.15%

Thematic Most Oversold

Ticker	Fund	Value
BLOK	Amplify Transformational Data Sharing ETF	47.69
PBW	Invesco WilderHill Clean Energy ETF	48.88
ACES	ALPS Clean Energy ETF	49.87
ARKG	ARK Genomic Revolution ETF	51.09
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	51.79
LIT	Global X Lithium & Battery Tech ETF	51.91
FINX	Global X FinTech ETF	53.13
ARKW	ARK Next Generation Internet ETF	53.57
ARKK	ARK Innovation ETF	54.00
SBIO	ALPS Medical Breakthroughs ETF	54.00

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Thematic 1 Week Flow Leaders

Ticker	Fund	Flow
PBW	Invesco WilderHill Clean Energy ETF	\$39M
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure Index	\$32M
MSOS	AdvisorShares Pure US Cannabis ETF	\$28M
TAN	Invesco Solar ETF	\$26M
REMX	VanEck Rare Earth/Strategic Metals ETF	\$23M
KWEB	KraneShares CSI China Internet ETF	\$22M
GINN	Goldman Sachs Innovate Equity ETF	\$15M
ARKW	ARK Next Generation Internet ETF	\$9M
ACES	ALPS Clean Energy ETF	\$8M
ICLN	iShares Global Clean Energy ETF	\$6M

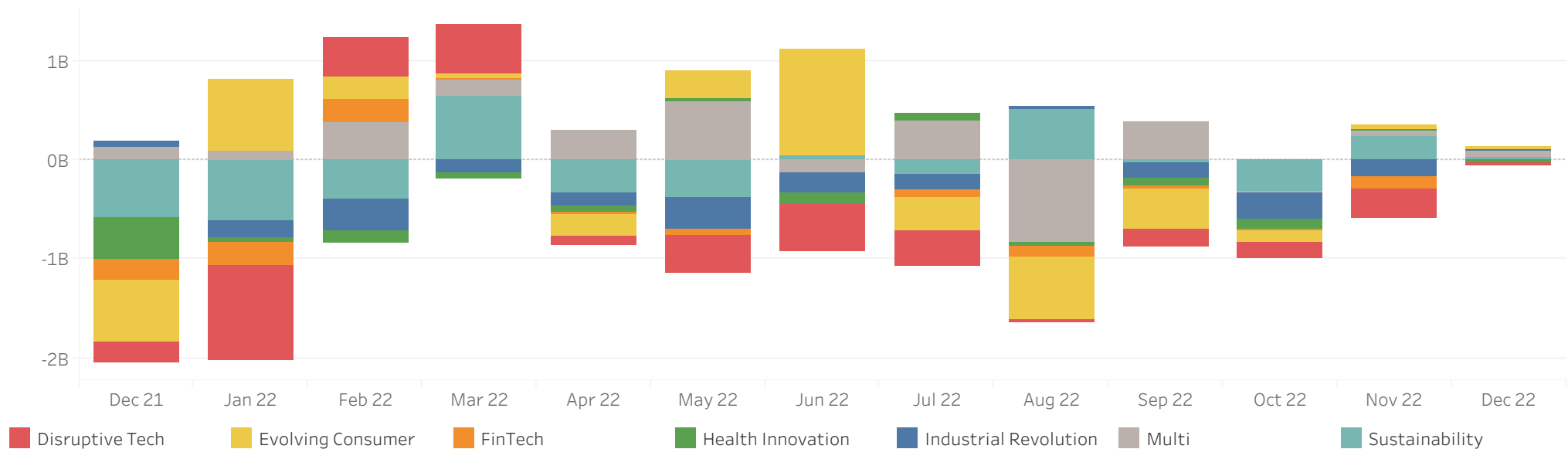
Thematic 1 Week Flow Laggards

Ticker	Fund	Flow
ARKK	ARK Innovation ETF	(\$129M)
ARKG	ARK Genomic Revolution ETF	(\$78M)
BUG	Global X Cybersecurity ETF	(\$41M)
LIT	Global X Lithium & Battery Tech ETF	(\$27M)
SKYY	First Trust Cloud Computing ETF	(\$21M)
AIQ	Global X Artificial Intelligence & Technology ETF	(\$13M)
METV	Roundhill Ball Metaverse ETF	(\$9M)
CIBR	First Trust NASDAQ Cybersecurity ETF	(\$8M)
FIVG	Defiance Next Gen Connectivity ETF	(\$8M)
TMAT	Main Thematic Innovation ETF	(\$7M)

Thematic Landscape Assets & Flows

Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	35	\$16B	(\$73M)	(\$616M)	(\$1,611M)	(\$2,204M)
Evolving Consumer	46	\$10B	\$20M	(\$449M)	(\$366M)	\$85M
FinTech	22	\$3B	(\$5M)	(\$177M)	(\$365M)	(\$641M)
Health Innovation	19	\$3B	(\$77M)	(\$178M)	(\$275M)	(\$972M)
Industrial Revolution	32	\$11B	(\$7M)	(\$561M)	(\$917M)	(\$1,903M)
Multi	40	\$14B	(\$140M)	\$465M	\$52M	\$1,549M
Sustainability	40	\$19B	\$107M	(\$84M)	\$470M	(\$1,343M)
Grand Total	234	\$77B	(\$174M)	(\$1,600M)	(\$3,013M)	(\$5,429M)

Thematic Monthly Flows

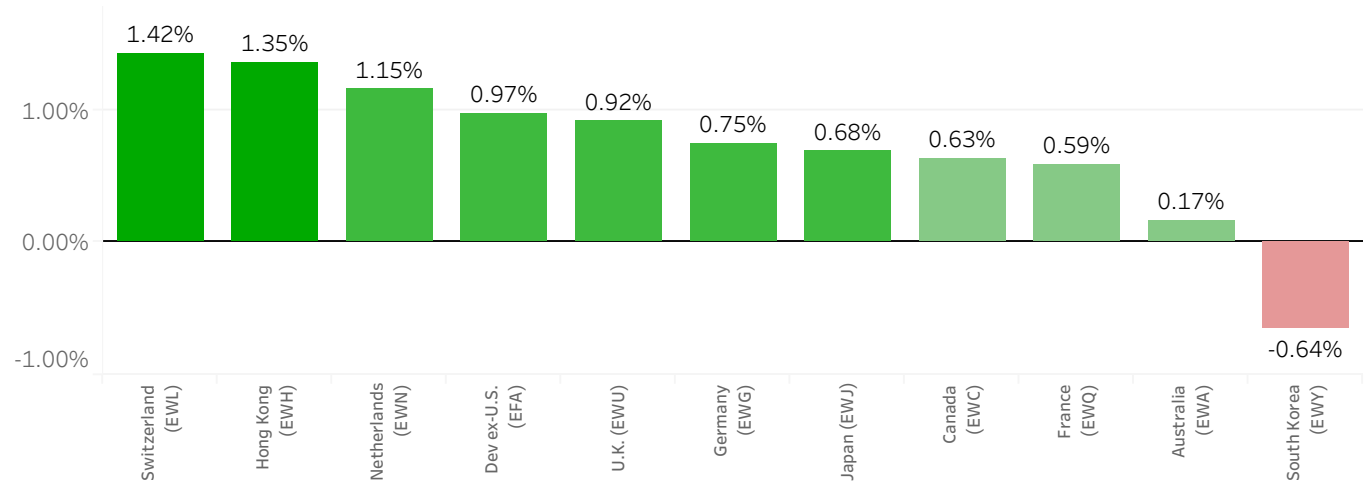


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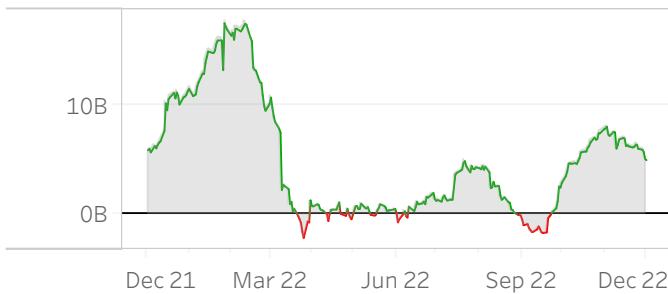
Developed ex-U.S. (EFA)



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



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



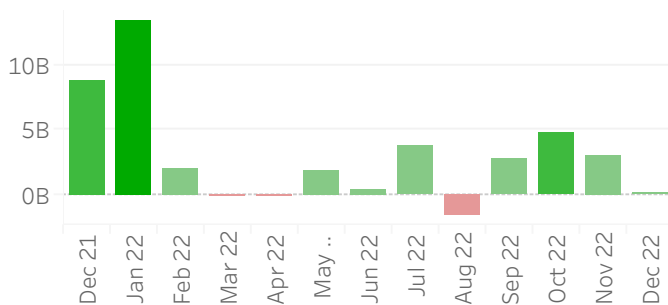
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	Performance (%)
EWD	iShares MSCI Sweden ETF	2.48%
IEUS	iShares MSCI Europe Small-Cap ETF	1.88%
ENZL	iShares MSCI New Zealand ETF	1.76%
EDEN	iShares MSCI Denmark ETF	1.71%
DFE	WisdomTree Europe SmallCap Dividend Fund	1.59%
DMXF	iShares ESG Advanced MSCI EAFE ETF	1.52%
GREK	Global X MSCI Greece ETF	1.51%
FSZ	First Trust Switzerland AlphaDEX Fund	1.46%
BKCI	BNY Mellon Concentrated International ETF	1.45%
EWL	iShares MSCI Switzerland ETF	1.42%

Developed ex-U.S. Most Overbought

Ticker	Fund	Value
EDEN	iShares MSCI Denmark ETF	78.67
IMFL	Invesco International Developed Dynamic Multifactor ETF	78.20
HDEF	Xtrackers MSCI EAFE High Dividend Yield Equity ETF	76.43
GSID	Goldman Sachs MarketBeta International Equity ETF	75.47
FLGB	Franklin FTSE United Kingdom ETF	74.47
DIVI	Franklin International Core Dividend Tilt Index ETF	74.40
DOL	WisdomTree International LargeCap Dividend Fund	73.96
EUDG	WisdomTree Europe Quality Dividend Growth Fund	73.93
NUDM	Nuveen ESG International Developed Markets Equity ETF	73.85
QLVD	FlexShares Developed Markets ex-US Quality Low Volatilit..	73.76

Developed ex-U.S. Monthly Flows



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

Ticker	Fund	Performance (%)
DXJ	WisdomTree Japan Hedged Equity Fund	-1.68%
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	-1.44%
HEWJ	iShares Currency Hedged MSCI Japan ETF	-1.36%
HEDJ	WisdomTree Europe Hedged Equity Fund	-0.82%
EWY	iShares MSCI South Korea ETF	-0.64%
FLKR	Franklin FTSE South Korea ETF	-0.63%
DBEF	Xtrackers MSCI EAFE Hedged Equity ETF	-0.60%
DDWM	WisdomTree Dynamic Currency Hedged International Equi..	-0.47%
LVHI	Franklin International Low Volatility High Dividend Index ..	-0.40%
AIA	iShares Asia 50 ETF	-0.40%

Developed ex-U.S. Most Oversold

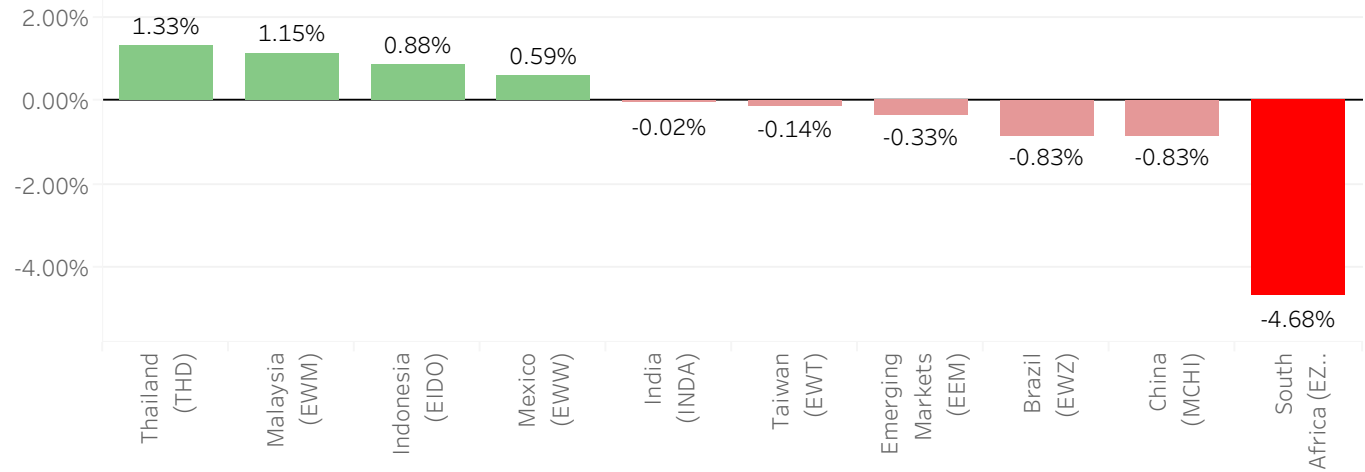
Ticker	Fund	Value
HEWJ	iShares Currency Hedged MSCI Japan ETF	52.82
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	53.63
EIS	iShares MSCI Israel ETF	55.42
DXJ	WisdomTree Japan Hedged Equity Fund	56.31
ISRA	VanEck Israel ETF	56.87
FSZ	First Trust Switzerland AlphaDEX Fund	62.07
EWC	iShares MSCI Canada ETF	62.86
BBCA	JPMorgan BetaBuilders Canada ETF	63.53
FLCA	Franklin FTSE Canada ETF	64.34
NORW	Global X MSCI Norway ETF	64.53

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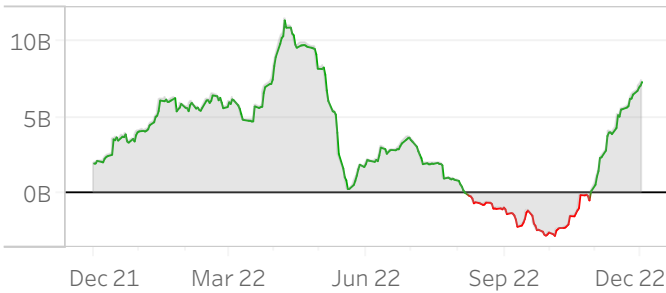
Emerging (EEM)



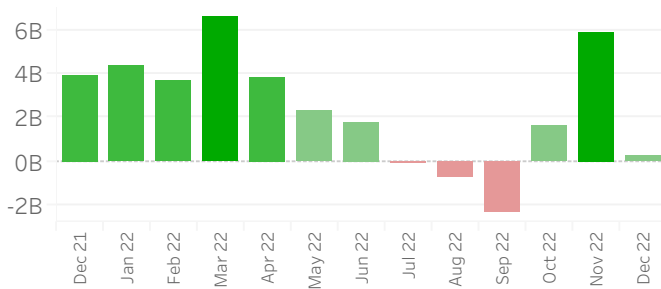
Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Leaders

Ticker	Fund	Performance
THD	iShares MSCI Thailand ETF	1.33%
EPOL	iShares MSCI Poland ETF	1.26%
EWM	iShares MSCI Malaysia ETF	1.15%
EIDO	iShares MSCI Indonesia ETF	0.88%
GLIN	VanEck India Growth Leaders ETF	0.86%
EWW	iShares MSCI Mexico ETF	0.59%
EWX	SPDR S&P Emerging Markets Small Cap ETF	0.46%
EPU	iShares MSCI Peru ETF	0.44%
SMIN	iShares MSCI India Small Cap ETF	0.40%
EEMS	iShares MSCI Emerging Markets Small Cap ETF	0.38%

Emerging Most Overbought

Ticker	Fund	Price
TUR	iShares MSCI Turkey ETF	78.08
EWX	SPDR S&P Emerging Markets Small Cap ETF	75.96
FEMS	First Trust Emerging Markets Small Cap AlphaDEX Fu..	75.63
EWM	iShares MSCI Malaysia ETF	74.21
DGS	WisdomTree Emerging Markets SmallCap Dividend F..	74.09
THD	iShares MSCI Thailand ETF	73.45
EYLD	Cambria Emerging Shareholder Yield ETF	72.65
PIE	Invesco DWA Emerging Markets Momentum ETF	72.50
EPOL	iShares MSCI Poland ETF	72.42
EPHE	iShares MSCI Philippines ETF	72.39

Emerging 1-Day Performance Laggards

Ticker	Fund	Performance
EZA	iShares MSCI South Africa ETF	-4.68%
PGJ	Invesco Golden Dragon China ETF	-1.70%
FXI	iShares China Large-Cap ETF	-1.49%
LDEM	iShares ESG MSCI EM Leaders ETF	-1.23%
FLCH	Franklin FTSE China ETF	-1.18%
ADRE	Invesco BLDRS Emerging Markets 50 ADR Index Fund	-1.13%
FLBR	Franklin FTSE Brazil ETF	-1.04%
HEEM	iShares Currency Hedged MSCI Emerging Markets ETF	-1.03%
FNI	First Trust Chindia ETF	-0.98%
RAYC	Rayliant Quantamental China Equity ETF	-0.97%

Emerging Most Oversold

Ticker	Fund	Price
KSA	iShares MSCI Saudi Arabia ETF	32.08
QAT	iShares MSCI Qatar ETF	41.25
EWZS	iShares MSCI Brazil Small-Cap ETF	46.52
EZA	iShares MSCI South Africa ETF	50.95
FLBR	Franklin FTSE Brazil ETF	52.32
EWZ	iShares MSCI Brazil ETF	53.09
RAYC	Rayliant Quantamental China Equity ETF	55.33
ILF	iShares Latin America 40 ETF	56.43
FLLA	Franklin FTSE Latin America ETF	56.45
ECH	iShares MSCI Chile ETF	58.19

* 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	0.83%	4.48%	-11.53%
SHY	1-3 Year Treasury Bonds	0.22%	1.01%	-3.79%
IEF	7-10 Year Treasury Bonds	1.09%	4.76%	-12.94%
TLT	20+ Year Treasury Bonds	3.19%	9.54%	-27.14%
TIP	TIPS Bonds	1.07%	2.94%	-10.12%
FLOT	Floating Rate Bonds	-0.08%	0.43%	0.59%
LQD	Investment Grade Corporate	1.25%	7.21%	-15.60%
HYG	High Yield Corporate	0.37%	3.19%	-9.07%
BKLN	Senior Loan	0.48%	1.62%	-1.64%
PFF	Preferred & Income Securities	1.48%	6.85%	-14.49%
MUB	Municipal Bonds	0.37%	4.82%	-6.76%
MBB	MBS	0.65%	4.70%	-10.43%
EMB	Dollar Denominated EM Bonds	1.98%	10.13%	-15.89%
LEMB	Local Currency EM Bond	0.59%	7.97%	-11.10%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	-0.29%	2.72%	21.12%
DBE	Energy	-0.66%	-3.69%	40.40%
USO	WTI Crude Oil	0.31%	-3.65%	29.60%
BNO	Brent Crude Oil	-0.10%	-7.25%	36.97%
UNG	Natural Gas	-1.65%	10.77%	67.09%
UGA	Gasoline	-1.74%	-8.03%	38.18%
DBP	Precious Metals	2.01%	10.41%	-3.40%
GLD	Gold	1.84%	9.37%	-1.82%
SLV	Silver	2.69%	16.23%	-2.46%
PPLT	abrdrn Physical Platin..	0.76%	10.32%	7.41%
PALL	abrdrn Physical Palla..	3.30%	3.50%	2.42%
DBB	Base Metals	-0.20%	11.43%	-9.75%
CPER	Copper	0.35%	9.31%	-15.84%
LD	Lead	1.00%	11.11%	-3.52%
JJN	Nickel	3.25%	19.53%	34.53%
JJU	Aluminum	-0.37%	9.86%	-11.96%
JJT	Tin	2.90%	31.14%	-37.11%
DBA	Agriculture	-0.65%	-0.65%	0.86%
CORN	Corn	-0.91%	-5.59%	21.54%
SOYB	Soybeans	-2.52%	-1.13%	18.90%
WEAT	Wheat	-1.74%	-13.57%	6.90%
CANE	Sugar	-0.53%	5.96%	2.39%
BAL	Cotton	0.16%	10.49%	-5.73%
NIB	Cocoa	0.74%	8.97%	-6.33%
JO	Coffee	-3.47%	-3.85%	-23.16%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	-1.22%	-5.86%	10.26%
UDN	Short Dollar	1.04%	6.66%	-9.04%
FXE	Euro	1.14%	6.50%	-8.17%
FXB	British Pound Sterling	1.52%	6.78%	-9.32%
FXF	Swiss Franc	1.04%	6.70%	-3.56%
FXJ	Japanese Yen	2.13%	9.44%	-15.34%
FXC	Canadian Dollar	0.13%	1.45%	-5.82%
FXA	Australian Dollar	0.31%	6.47%	-6.45%

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