

Large Cap Blend (S&P 500) IVV



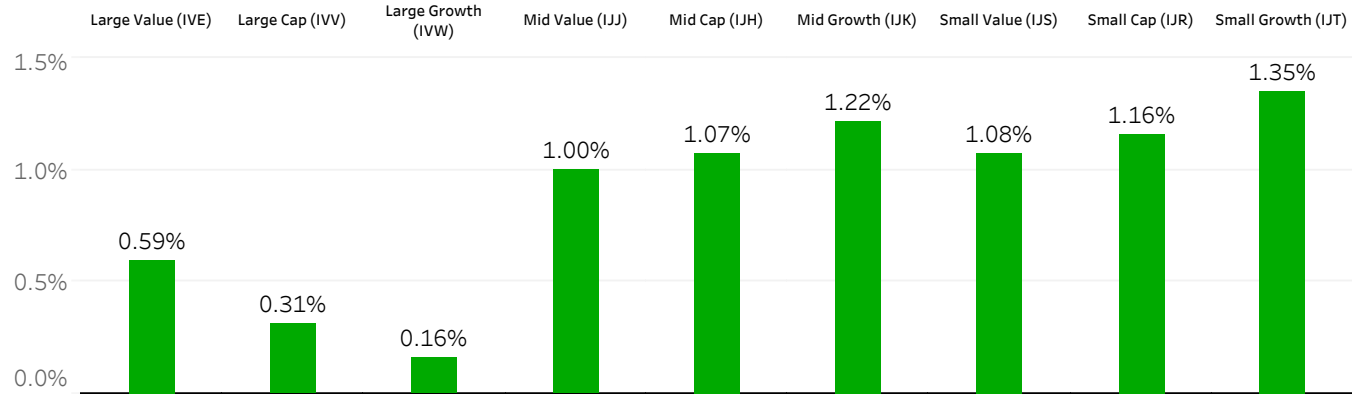
Mid Cap Blend (S&P 400) IJH



Small Cap Blend (S&P 600) IJR



U.S. Size & Style 1-Day Performance



Size & Style 1-Day Performance Leaders

Ticker	Fund	Performance
XSMO	Invesco S&P SmallCap Momentum ETF	1.88%
XMMO	Invesco S&P MidCap Momentum ETF	1.74%
FPX	First Trust US Equity Opportunities ETF	1.62%
QMOM	Alpha Architect U.S. Quantitative Momentum ETF	1.59%
FTY	Innovator IBD 50 ETF	1.55%
RZG	Invesco S&P Smallcap 600 Pure Growth ETF	1.43%
FYT	First Trust Small Cap Value AlphaDEX Fund	1.43%
JSMD	Janus Henderson Small/Mid Cap Growth Alpha ETF	1.40%
SDVY	First Trust SMID Cap Rising Dividend Achievers ETF	1.39%
DGRS	WisdomTree US Smallcap Quality Dividend Growth Fund	1.39%

Size & Style Most Overbought

Ticker	Fund	Value
LSAT	Leadershars Alphafactor Tactical Focused ETF	83.76
COWZ	Pacer US Cash Cows 100 ETF	82.24
WTV	WisdomTree US Value Fund of Benef Interest	81.70
PKW	Invesco Buyback Achievers ETF	81.08
MBOX	Freedom Day Dividend ETF	80.68
SPVU	Invesco S&P 500 Enhanced Value ETF	80.51
RDVY	First Trust Rising Dividend Achievers ETF	80.36
LSAF	LeaderShares AlphaFactor US Core Equity ETF	80.33
AVLV	Avantis U.S. Large Cap Value ETF	79.39
TPHE	Timothy Plan High Dividend Stock Enhanced ETF	79.32

Size & Style 1-Day Performance Laggards

Ticker	Fund	Performance
MGK	Vanguard Mega Cap Growth ETF	-0.15%
USMC	Principal U.S. Mega-Cap ETF	-0.14%
XLG	Invesco S&P 500 Top 50 ETF	-0.12%
FDLO	Fidelity Low Volatility Factor ETF	-0.09%
SPC	CrossingBridge Pre-Merger SPAC ETF	-0.07%
HLAL	Wahed FTSE USA Shariah ETF	-0.06%
VUG	Vanguard Growth ETF	-0.05%
SCHG	Schwab U.S. Large-Cap Growth ETF	-0.02%
IWY	iShares Russell Top 200 Growth ETF	0.00%
SELV	SEI Enhanced Low Volatility U.S. Large Cap ETF	0.02%

Size & Style Most Oversold

Ticker	Fund	Value
SMDV	ProShares Russell 2000 Dividend Growers ETF	56.50
OMFS	Invesco Russell 2000 Dynamic Multifactor ETF	57.04
SPC	CrossingBridge Pre-Merger SPAC ETF	57.33
IWC	iShares Micro-Cap ETF	58.60
QQQE	Direxion NASDAQ-100 Equal Weighted Index Shares	58.65
DRUP	GraniteShares Nasdaq Select Disruptors ETF	58.71
SLYV	SPDR S&P 600 Small Cap Value ETF	58.75
IJS	iShares S&P Small-Cap 600 Value ETF	58.78
CSB	VictoryShares US Small Cap High Dividend Volatility ..	58.79
QQEW	First Trust Nasdaq-100 Equal Weighted Index Fund	58.80

■ 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, Beta	26	\$1,870B	\$6.67B	\$38.28B	\$130.10B	\$188.10B
Large Cap, Beta, Beta: Growth	10	\$367B	(\$0.40B)	\$8.72B	\$20.00B	\$26.05B
Large Cap, Beta, Beta: Value	11	\$262B	(\$0.73B)	\$2.56B	\$8.12B	\$3.78B
Mid Cap, Beta, Beta	10	\$228B	(\$3.44B)	\$2.58B	\$2.31B	\$8.97B
Mid Cap, Beta, Beta: Growth	6	\$44B	(\$1.04B)	\$0.54B	\$1.41B	\$2.35B
Mid Cap, Beta, Beta: Value	6	\$42B	(\$0.74B)	(\$1.23B)	(\$1.56B)	(\$2.94B)
Small Cap, Beta, Beta	11	\$238B	(\$1.64B)	\$1.61B	\$13.41B	\$17.55B
Small Cap, Beta, Beta: Growth	7	\$40B	(\$0.69B)	\$1.16B	\$2.24B	\$2.72B
Small Cap, Beta, Beta: Value	7	\$54B	(\$0.57B)	(\$0.42B)	\$0.11B	(\$1.35B)

U.S. Size & Style Flow Leaders

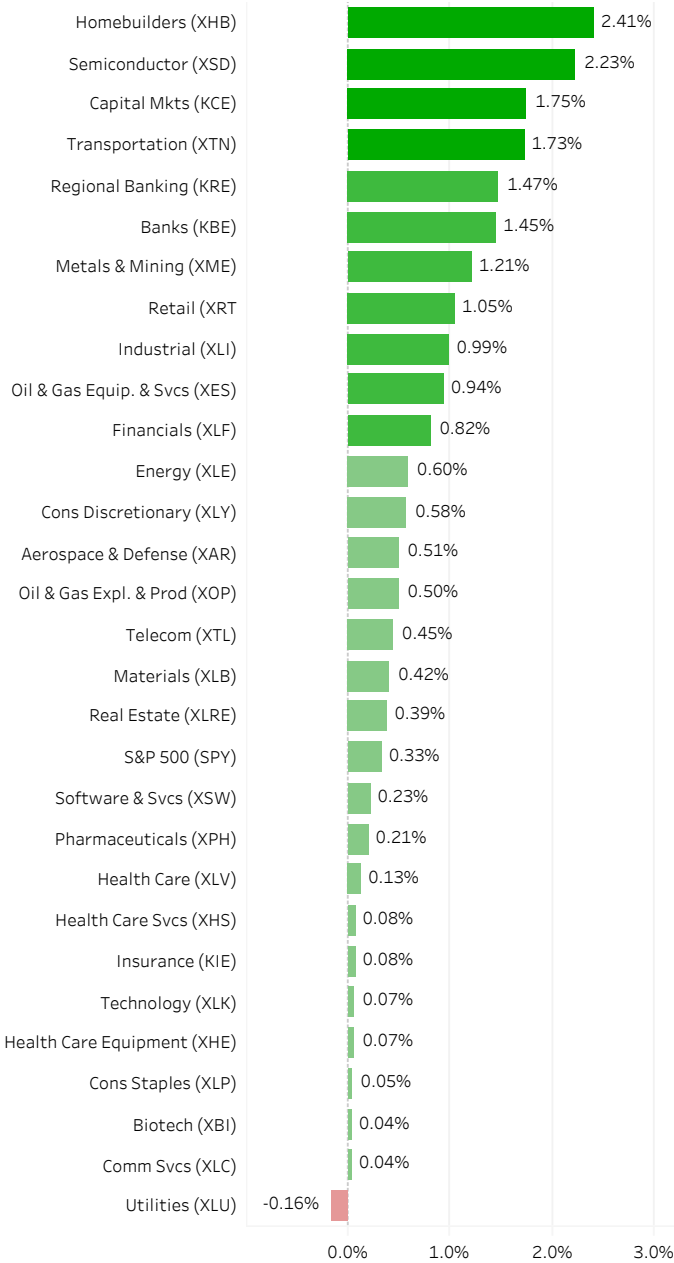
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
SPY	SPDR S&P 500 ETF Trust	\$24.72B	(\$8.42B)	\$44.96B	\$46.91B	\$533.45B
QQQ	Invesco QQQ Trust Series I	\$3.05B	\$8.00B	\$11.93B	\$14.60B	\$257.68B
IVW	iShares S&P 500 Growth ETF	\$0.76B	\$2.60B	\$2.41B	\$4.35B	\$44.18B
DIA	SPDR Dow Jones Industrial Average ETF Trust	\$0.74B	\$0.44B	\$0.96B	\$1.01B	\$34.58B
DYFN	BlackRock U.S. Equity Factor Rotation ETF	\$0.65B	\$6.58B	\$6.59B	\$6.59B	\$6.97B
QUAL	iShares MSCI USA Quality Factor ETF	\$0.62B	\$2.26B	\$3.38B	\$6.82B	\$42.56B
MDY	SPDR S&P Midcap 400 ETF Trust	\$0.45B	(\$0.05B)	(\$0.08B)	(\$0.05B)	\$22.02B
IWM	iShares Russell 2000 ETF	\$0.39B	(\$3.92B)	\$4.12B	\$2.80B	\$63.44B
RSP	Invesco S&P 500 Equal Weight ETF	\$0.30B	\$1.32B	\$5.42B	\$12.31B	\$53.17B
QQQM	Invesco NASDAQ 100 ETF	\$0.28B	\$2.92B	\$4.77B	\$9.44B	\$22.86B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
SCHD	Schwab US Dividend Equity ETF	(\$9.61B)	\$1.12B	\$2.08B	\$4.87B	\$55.17B
VYM	Vanguard High Dividend Yield Index ETF	(\$3.27B)	(\$0.26B)	(\$1.02B)	(\$0.98B)	\$53.82B
COWZ	Pacer US Cash Cows 100 ETF	(\$3.16B)	\$1.89B	\$4.21B	\$5.78B	\$21.99B
IJH	iShares Core S&P Mid-Cap ETF	(\$2.36B)	\$1.17B	(\$0.96B)	\$3.87B	\$83.39B
VB	Vanguard Small-Cap ETF	(\$1.96B)	\$2.33B	\$3.30B	\$4.12B	\$55.31B
MOAT	VanEck Morningstar Wide Moat ETF	(\$1.82B)	\$1.03B	\$2.31B	\$5.23B	\$14.85B
VIG	Vanguard Dividend Appreciation ETF	(\$1.68B)	(\$0.47B)	\$1.00B	\$1.34B	\$78.56B
VO	Vanguard Mid-Cap ETF	(\$1.22B)	\$0.76B	\$1.71B	\$2.74B	\$63.58B
VXF	Vanguard Extended Market ETF	(\$1.15B)	(\$0.06B)	\$0.23B	\$0.92B	\$18.46B
VUG	Vanguard Growth ETF	(\$0.93B)	\$3.04B	\$5.20B	\$5.49B	\$119.46B

* 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)
SPY	SPDR S&P 500 ETF Trust	0.00%	29.14%	4.60%	13.61%	67.77
XLB	Materials Select Sector SPDR Fund	0.00%	23.48%	7.36%	11.59%	75.48
XLC	Communication Services Select Sector SPDR Fund	0.00%	45.47%	4.30%	15.90%	64.46
XLF	Financial Select Sector SPDR Fund	0.00%	33.23%	6.05%	16.83%	78.76
XLI	Industrial Select Sector SPDR Fund	0.00%	30.28%	6.69%	15.03%	77.22
XLY	Consumer Discretionary Select Sector SPDR Fund	-0.37%	28.42%	3.53%	8.14%	61.36
XLK	Technology Select Sector SPDR Fund	-0.56%	45.75%	2.99%	14.95%	57.31
XLE	Energy Select Sector SPDR Fund	-0.81%	20.90%	8.36%	8.04%	76.54
XLV	Health Care Select Sector SPDR Fund	-1.50%	18.27%	1.32%	7.96%	52.53
XLP	Consumer Staples Select Sector SPDR Fund	-1.92%	14.78%	2.77%	5.37%	64.96
XLRE	Real Estate Select Sector SPDR Fund	-3.51%	21.40%	0.76%	4.94%	50.17
XLU	Utilities Select Sector SPDR Fund	-8.86%	13.49%	3.00%	1.50%	59.12

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
PSI	Invesco Semiconductors ETF	2.89%
XHB	SPDR S&P Homebuilders ETF	2.41%
SOXQ	Invesco PHLX Semiconductor ETF	2.25%
SOXX	iShares Semiconductor ETF	2.25%
XSD	SPDR S&P Semiconductor ETF	2.23%
KBWB	Invesco KBW Bank ETF	2.17%
IAT	iShares U.S. Regional Banks ETF	2.11%
FTXL	First Trust Nasdaq Semiconductor ETF	2.02%
AIRR	First Trust RBA American Industrial Renaissance E..	2.02%
PSCI	Invesco S&P SmallCap Industrials ETF	1.98%

Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
RSPG	Invesco S&P 500 Equal Weight Energy ETF	82.76
IEO	iShares U.S. Oil & Gas Exploration & Production ETF	82.21
FTXN	First Trust Nasdaq Oil & Gas ETF	81.95
FXN	First Trust Energy AlphaDEX Fund	81.56
PXE	Invesco Energy Exploration & Production ETF	80.99
VDE	Vanguard Energy ETF	80.93
FCG	First Trust Natural Gas ETF	80.88
VFH	Vanguard Financials ETF	80.67
FXG	First Trust Consumer Staples AlphaDEX Fund	79.64
PBJ	Invesco Food & Beverage ETF	79.40

Sector & Industry 1 Day Performance Laggards

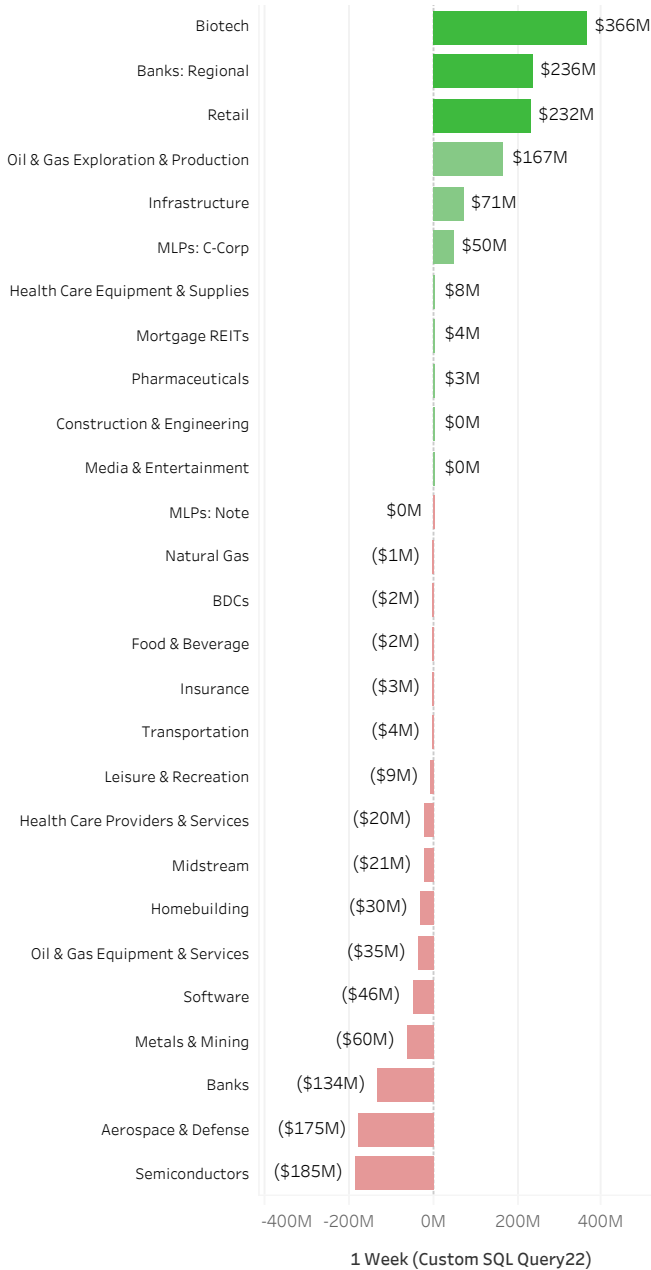
Ticker	Fund	1 Day Performance
IHF	iShares U.S. Healthcare Providers ETF	-0.21%
PINK	Simplify Health Care ETF	-0.16%
XLU	Utilities Select Sector SPDR Fund	-0.16%
PNQI	Invesco NASDAQ Internet ETF	-0.12%
FCOM	Fidelity MSCI Communication Services Index ETF	-0.12%
IDU	iShares U.S. Utilities ETF	-0.09%
VPU	Vanguard Utilities ETF	-0.09%
VOX	Vanguard Communication Services ETF	-0.08%
FUTY	Fidelity MSCI Utilities Index ETF	-0.07%
KBWP	Invesco KBW Property & Casualty Insurance ETF	-0.02%

Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
IYZ	iShares U.S. Telecommunications ETF	44.84
XTL	SPDR S&P Telecom ETF	46.37
ICF	iShares Cohen & Steers REIT ETF	46.94
JPRE	JPMorgan Realty Income ETF JPMorgan Realty Income E..	46.94
XPH	SPDR S&P Pharmaceuticals ETF	47.46
PSR	Invesco Active U.S. Real Estate Fund	48.20
IHE	iShares U.S. Pharmaceuticals ETF	48.90
INDS	Pacer Industrial Real Estate ETF	49.23
PSCT	Invesco S&P SmallCap Information Technology ETF	49.62
XBI	SPDR S&P BIOTECH ETF	49.75

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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	\$23B	(\$1,671M)	(\$146M)	\$1,087M	\$3,749M
Consumer Discretionary	12	\$31B	\$5M	\$279M	(\$145M)	\$3,287M
Consumer Staples	10	\$26B	\$247M	(\$370M)	(\$3,700M)	(\$4,593M)
Energy	30	\$76B	\$663M	(\$1,208M)	(\$765M)	(\$5,757M)
Financials	26	\$65B	\$250M	(\$1,164M)	(\$902M)	(\$3,771M)
Health Care	23	\$93B	\$308M	\$759M	(\$3,004M)	(\$6,103M)
Industrial	13	\$41B	(\$246M)	\$1,156M	\$741M	\$1,231M
Materials	9	\$12B	\$259M	\$94M	(\$1,047M)	(\$3,026M)
Multi-Sector	16	\$24B	(\$11M)	\$996M	\$646M	\$3,191M
Real Estate	25	\$61B	\$243M	\$1,597M	\$3,513M	\$2,437M
Technology	23	\$197B	(\$3,765M)	\$4,483M	\$9,961M	\$11,507M
Utilities	9	\$20B	(\$14M)	(\$1,954M)	(\$3,273M)	(\$3,600M)

U.S. Sector & Industry Flow Leaders

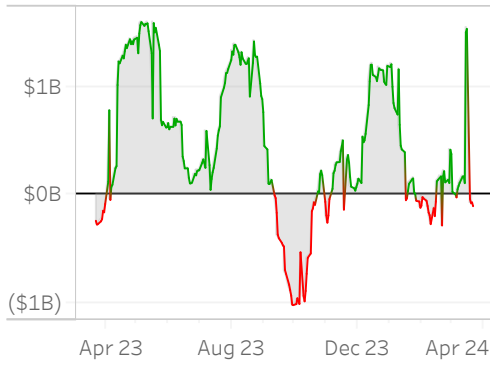
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLE	Energy Select Sector SPDR Fund	\$499M	(\$1,147M)	(\$640M)	(\$2,982M)	\$38,439M
XBI	SPDR S&P BIOTECH ETF	\$345M	\$51M	\$348M	(\$477M)	\$7,795M
XLB	Materials Select Sector SPDR Fund	\$327M	\$402M	(\$111M)	(\$281M)	\$5,829M
XLP	Consumer Staples Select Sector SPDR Fund	\$268M	\$78M	(\$2,120M)	(\$2,010M)	\$15,707M
KRE	SPDR S&P Regional Banking ETF	\$242M	(\$753M)	(\$200M)	(\$565M)	\$2,963M
XRT	SPDR S&P Retail ETF	\$232M	\$59M	\$27M	(\$12M)	\$541M
IYR	iShares U.S. Real Estate ETF	\$172M	(\$57M)	\$1,347M	\$868M	\$4,302M
XOP	SPDR S&P Oil & Gas Exploration & Production E..	\$162M	\$203M	\$383M	(\$352M)	\$4,188M
XLF	Financial Select Sector SPDR Fund	\$158M	\$457M	\$90M	(\$855M)	\$37,756M
ITB	iShares U.S. Home Construction ETF	\$75M	\$393M	\$377M	\$640M	\$3,197M

U.S. Sector & Industry Flow Laggards

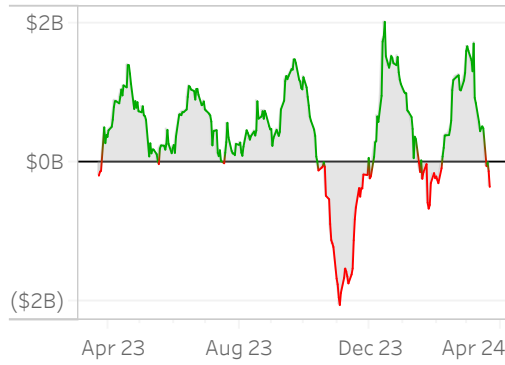
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLC	Communication Services Select Sector SPDR Fu..	(\$1,674M)	(\$222M)	\$1,097M	\$3,382M	\$17,906M
IYW	iShares U.S. Technology ETF	(\$700M)	\$842M	\$2,276M	\$1,140M	\$16,506M
IGM	iShares Expanded Tech Sector ETF	(\$244M)	(\$9M)	\$92M	\$35M	\$4,328M
XLY	Consumer Discretionary Select Sector SPDR Fu..	(\$231M)	(\$7M)	(\$234M)	\$2,046M	\$19,920M
RSPT	Invesco S&P 500 Equal Weight Technology ETF	(\$195M)	\$132M	\$286M	\$525M	\$3,906M
XAR	SPDR S&P Aerospace & Defense ETF	(\$175M)	\$56M	\$256M	\$278M	\$2,088M
KBE	SPDR S&P Bank ETF	(\$127M)	(\$297M)	\$221M	(\$44M)	\$1,600M
XHB	SPDR S&P Homebuilders ETF	(\$105M)	\$83M	\$259M	\$220M	\$2,005M
XSD	SPDR S&P Semiconductor ETF	(\$104M)	(\$48M)	(\$139M)	(\$80M)	\$1,433M
SOXX	iShares Semiconductor ETF	(\$99M)	\$336M	\$559M	\$889M	\$12,477M

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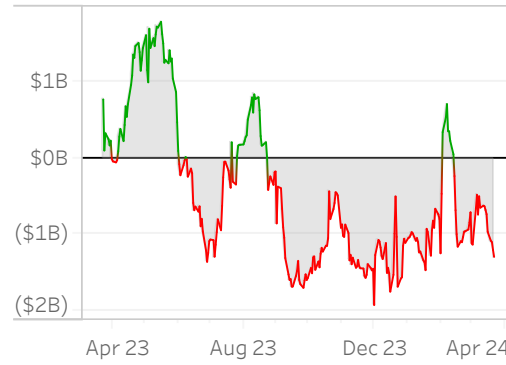
Communication Services



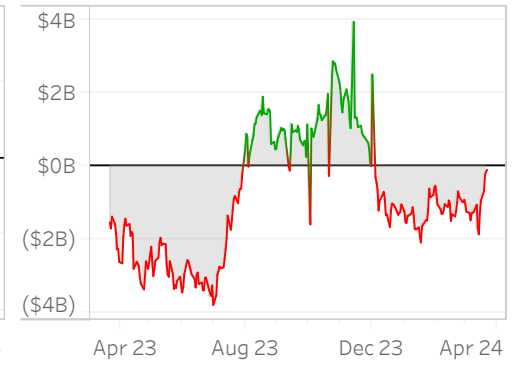
Consumer Discretionary



Consumer Staples



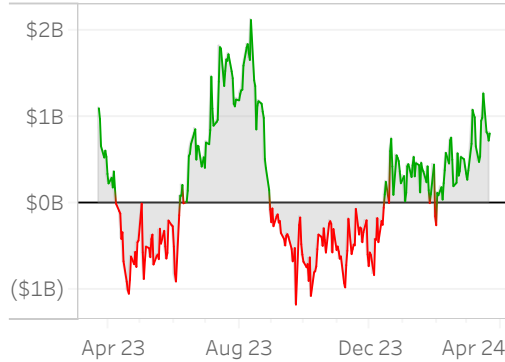
Energy



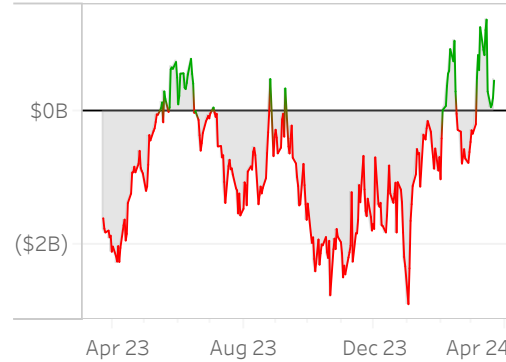
Financials



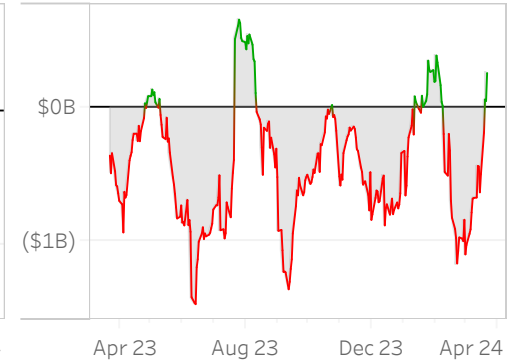
Industrial



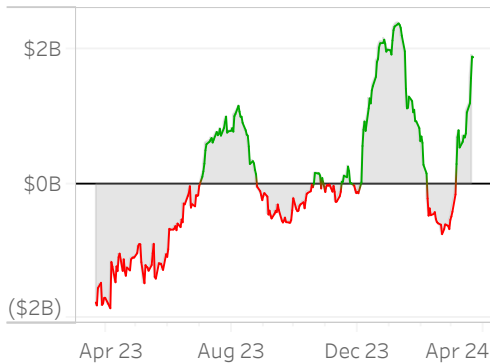
Health Care



Materials



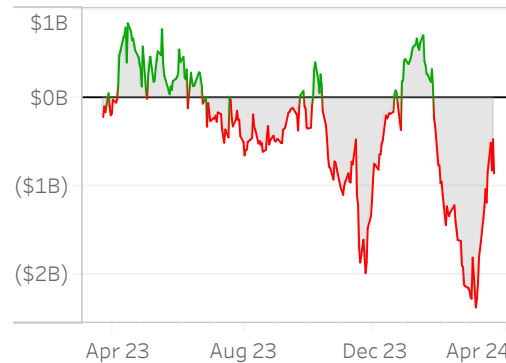
Real Estate



Technology



Utilities

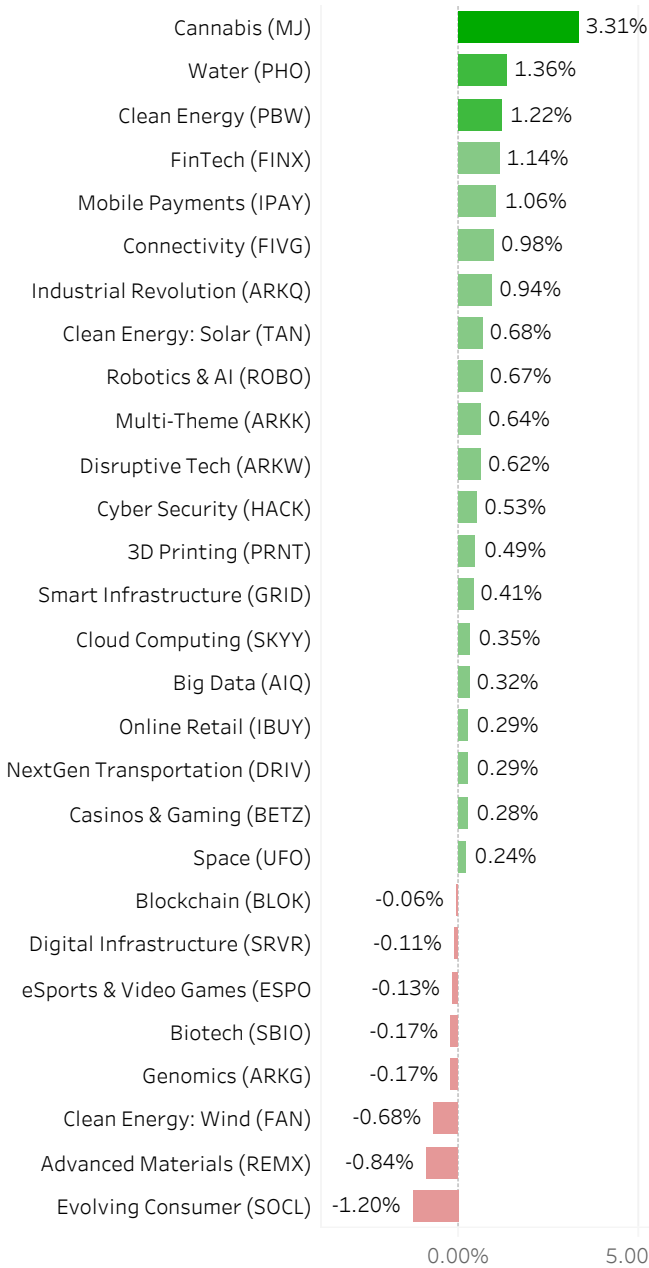


Multi-Sector

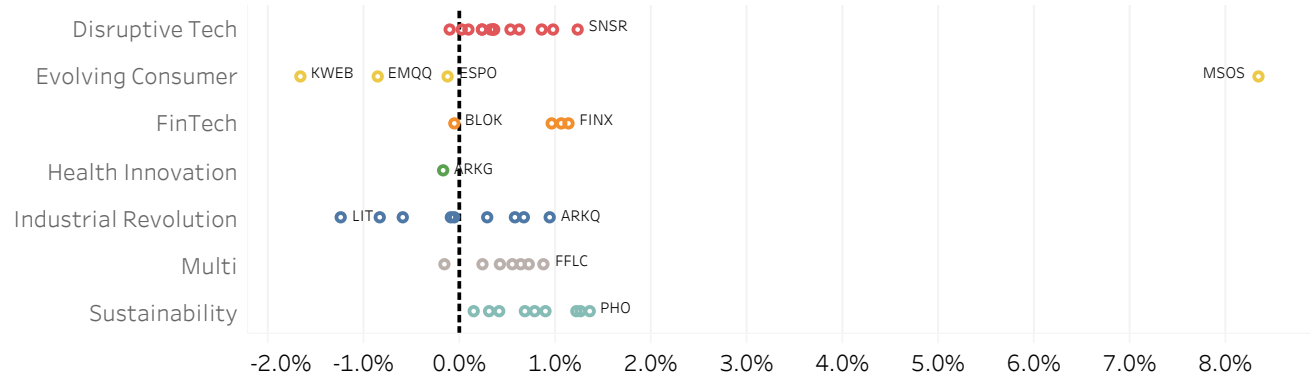


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Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	Performance (%)
MSOS	AdvisorShares Pure US Cannabis ETF	8.34%
MJUS	Amplify U.S. Alternative Harvest ETF	5.98%
MJ	Amplify Alternative Harvest ETF	3.31%
LOUP	Innovator Deepwater Frontier Tech ETF	1.94%
PHO	Invesco Water Resources ETF	1.36%
ENTR	ERShares Entrepreneurs ETF	1.27%
FIW	First Trust Water ETF	1.26%
SNSR	Global X Internet of Things ETF	1.23%
PBW	Invesco WilderHill Clean Energy ETF	1.22%
FINX	Global X FinTech ETF	1.14%

Thematic Most Overbought

Ticker	Fund	Price
EVX	VanEck Environmental Services ETF	77.62
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure ..	75.02
EBLU	Ecofin Global Water ESG Fund	73.55
EBIZ	Global X E-Commerce ETF	72.53
PHO	Invesco Water Resources ETF	72.37
IPAY	Amplify Mobile Payments ETF	71.67
CGW	Invesco S&P Global Water Index ETF	71.60
AWAY	Amplify Travel Tech ETF	71.02
FIW	First Trust Water ETF	70.96
PIO	Invesco Global Water ETF	70.10

Global Thematic 1-Day Performance Laggards

Ticker	Fund	Performance (%)
KGRN	KraneShares MSCI China Clean Technology Index ETF	-2.39%
KWEB	KraneShares CSI China Internet ETF	-1.66%
LIT	Global X Lithium & Battery Tech ETF	-1.24%
SOCL	Global X Social Media ETF	-1.20%
BLCN	Siren ETF Trust Siren Nasdaq NexGen Economy ETF	-0.89%
EMQQ	EMQQ The Emerging Markets Internet & Ecommerce E..	-0.86%
REMX	VanEck Rare Earth/Strategic Metals ETF	-0.84%
KARS	KraneShares Electric Vehicles & Future Mobility Index ..	-0.69%
ONLN	ProShares Online Retail ETF	-0.68%
FAN	First Trust Global Wind Energy ETF	-0.68%

Thematic Most Oversold

Ticker	Fund	Price
PAWZ	ProShares Pet Care ETF	37.40
SRVR	Pacer Data & Infrastructure Real Estate ETF	39.36
ARKG	ARK Genomic Revolution ETF	42.26
PBW	Invesco WilderHill Clean Energy ETF	44.40
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	45.57
ACES	ALPS Clean Energy ETF	45.70
WCBR	WisdomTree Cybersecurity Fund	45.85
IHAK	iShares Cybersecurity & Tech ETF	45.96
ICLN	iShares Global Clean Energy ETF	46.27
SPRX	Spear Alpha ETF	46.36

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Thematic 1 Week Flow Leaders

Ticker	Fund	Flow
ARKK	ARK Innovation ETF	\$47M
BOTZ	Global X Robotics & Artificial Intelligence ETF	\$42M
AIQ	Global X Artificial Intelligence & Technology ETF	\$40M
ARKG	ARK Genomic Revolution ETF	\$13M
FFLC	Fidelity Fundamental Large Cap Core ETF	\$9M
PBW	Invesco WilderHill Clean Energy ETF	\$9M
BLOK	Amplify Transformational Data Sharing ETF	\$5M
FITE	SPDR S&P Kensho Future Security ETF	\$5M
TAN	Invesco Solar ETF	\$3M
QTUM	Defiance Quantum ETF	\$3M

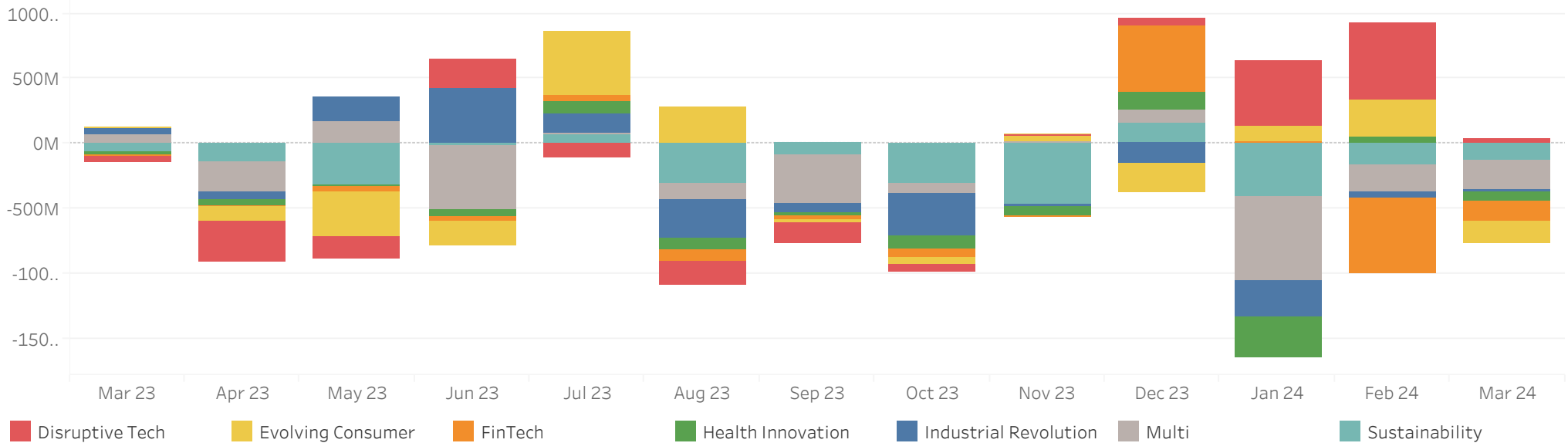
Thematic 1 Week Flow Laggards

Ticker	Fund	Flow
CIBR	First Trust NASDAQ Cybersecurity ETF	(\$590M)
FIW	First Trust Water ETF	(\$173M)
PHO	Invesco Water Resources ETF	(\$151M)
KWEB	KraneShares CSI China Internet ETF	(\$52M)
ROBT	First Trust Nasdaq Artificial Intelligence & Robotics ETF	(\$51M)
ESPO	VanEck Video Gaming and eSports ETF	(\$44M)
ICLN	iShares Global Clean Energy ETF	(\$43M)
ARKW	ARK Next Generation Internet ETF	(\$28M)
FINX	Global X FinTech ETF	(\$23M)
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure Index	(\$22M)

Thematic Landscape Assets & Flows

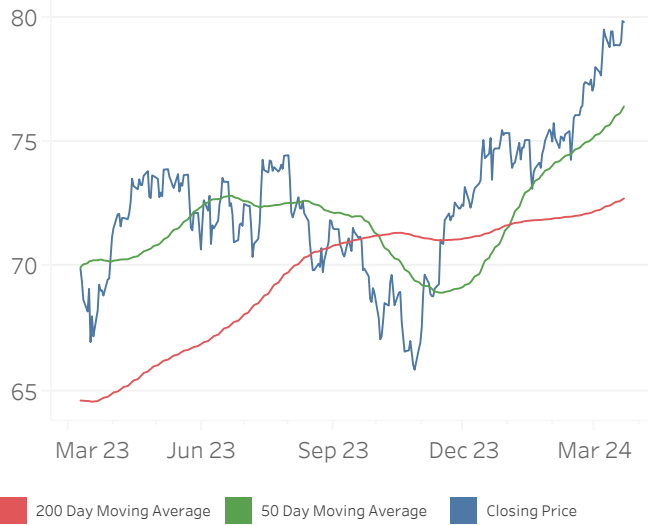
Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	33	\$21B	(\$101M)	\$1,157M	\$1,090M	\$383M
Evolving Consumer	34	\$9B	(\$89M)	\$197M	\$15M	\$164M
FinTech	17	\$3B	(\$68M)	(\$600M)	(\$270M)	(\$467M)
Health Innovation	17	\$2B	\$6M	(\$200M)	(\$306M)	(\$511M)
Industrial Revolution	30	\$10B	(\$4M)	(\$360M)	(\$873M)	(\$479M)
Multi	33	\$16B	\$137M	(\$1,034M)	(\$1,070M)	(\$2,002M)
Sustainability	39	\$12B	(\$198M)	(\$651M)	(\$1,353M)	(\$2,188M)
Grand Total	203	\$73B	(\$317M)	(\$1,491M)	(\$2,768M)	(\$5,100M)

Thematic Monthly Flows

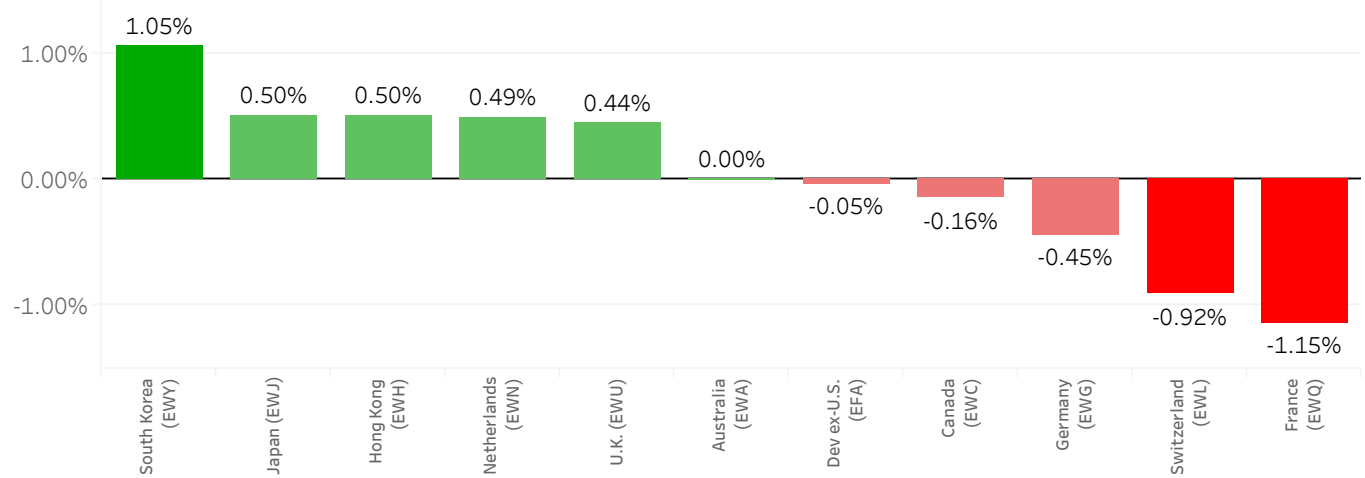


* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

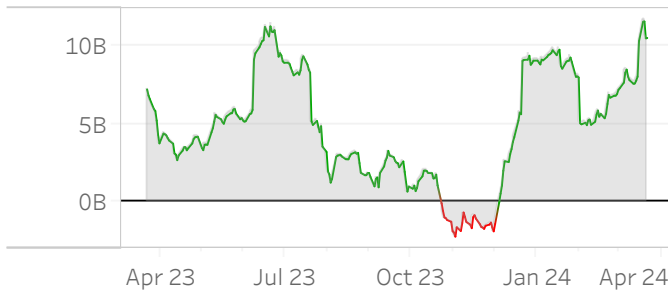
Developed ex-U.S. (EFA)



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



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



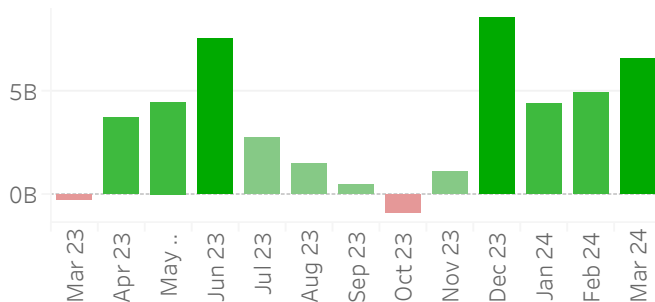
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
FLKR	Franklin FTSE South Korea ETF	1.18%
EIS	iShares MSCI Israel ETF	1.18%
EWY	iShares MSCI South Korea ETF	1.05%
ISRA	VanEck Israel ETF	0.98%
DXJ	WisdomTree Japan Hedged Equity Fund	0.94%
HEWJ	iShares Currency Hedged MSCI Japan ETF	0.93%
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	0.89%
FKU	First Trust United Kingdom AlphaDEX Fund	0.86%
DBEU	Xtrackers MSCI Europe Hedged Equity ETF	0.69%
IDMO	Invesco S&P International Developed Momentum ETF	0.60%

Developed ex-U.S. Most Overbought

Ticker	Fund	Value
HEFA	iShares Currency Hedged MSCI EAFE ETF	77.65
IDMO	Invesco S&P International Developed Momentum ETF	77.34
DBEF	Xtrackers MSCI EAFE Hedged Equity ETF	77.06
IMTM	iShares MSCI Intl Momentum Factor ETF	75.73
FDT	First Trust Developed Markets ex-US AlphaDEX Fund	75.42
HSCZ	iShares Currency Hedged MSCI EAFE Small-Cap ETF	75.16
LVHI	Franklin International Low Volatility High Dividend Index ..	74.75
DBEU	Xtrackers MSCI Europe Hedged Equity ETF	74.35
DDWM	WisdomTree Dynamic Currency Hedged International Equi..	74.34
HEZU	iShares Currency Hedged MSCI Eurozone ETF	74.21

Developed ex-U.S. Monthly Flows



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

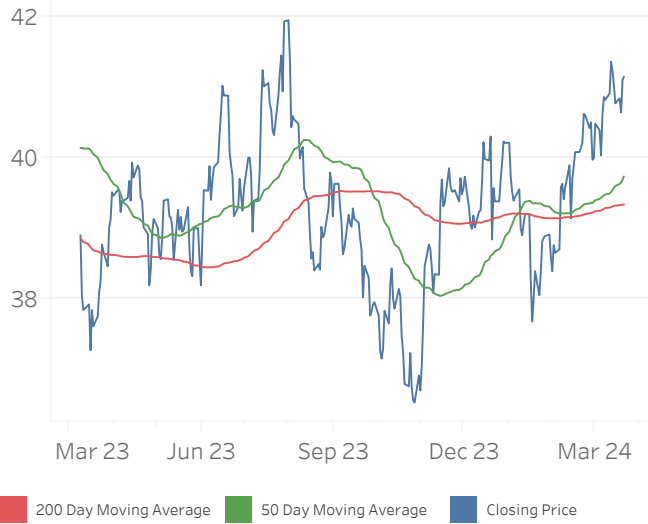
Ticker	Fund	1-Day Performance
EWI	iShares MSCI Italy ETF	-1.21%
EWQ	iShares MSCI France ETF	-1.15%
FSZ	First Trust Switzerland AlphaDEX Fund	-1.06%
EWL	iShares MSCI Switzerland ETF	-0.92%
EDEN	iShares MSCI Denmark ETF	-0.88%
ENZL	iShares MSCI New Zealand ETF	-0.86%
IMFL	Invesco International Developed Dynamic Multifactor ETF	-0.78%
DAX	Global X DAX Germany ETF	-0.73%
FICS	First Trust International Developed Capital Strength ETF	-0.70%
TTAI	FCF International Quality ETF	-0.70%

Developed ex-U.S. Most Oversold

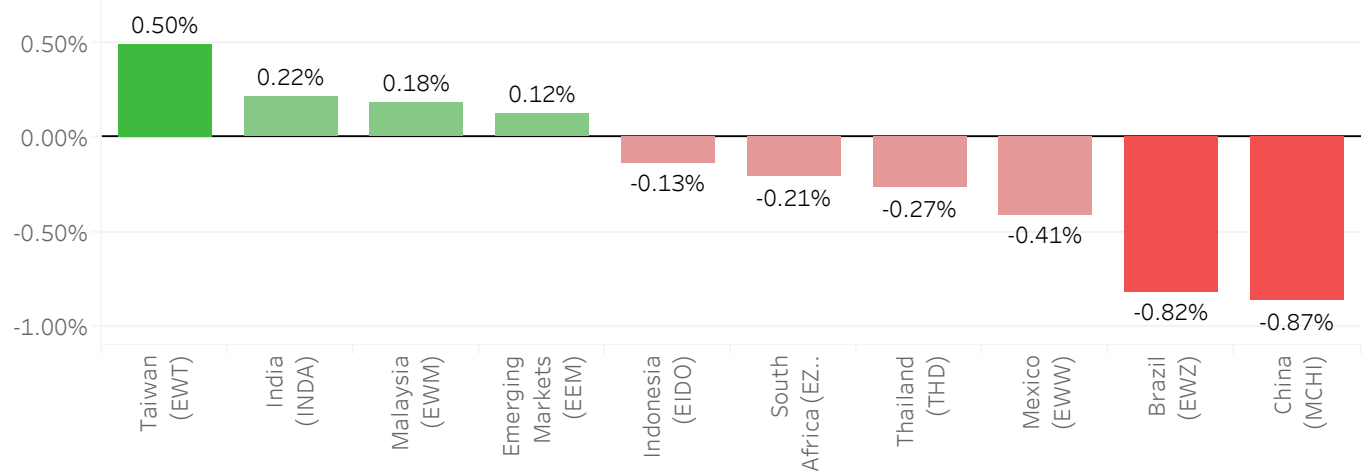
Ticker	Fund	Value
ENZL	iShares MSCI New Zealand ETF	44.43
EWH	iShares MSCI Hong Kong ETF	45.67
EWL	iShares MSCI Switzerland ETF	49.48
BBAX	JPMorgan BetaBuilders Developed Asia Pacific-ex Ja..	49.89
IDV	iShares International Select Dividend ETF	51.56
IDLV	Invesco S&P International Developed Low Volatility ..	51.85
FSZ	First Trust Switzerland AlphaDEX Fund	52.47
IDOG	ALPS International Sector Dividend Dogs ETF	53.67
TTAI	FCF International Quality ETF	54.08
BKCI	BNY Mellon Concentrated International ETF	54.50

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

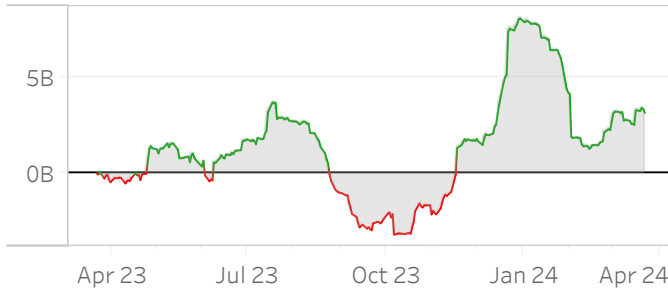
Emerging (EEM)



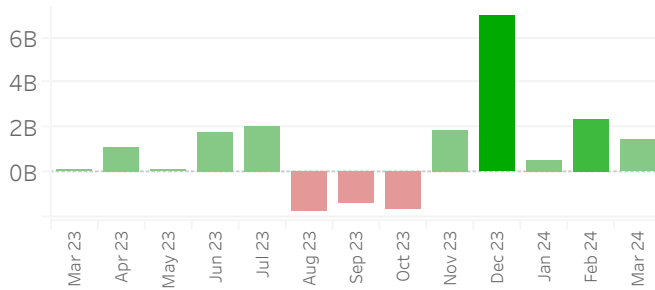
Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Leaders

Ticker	Fund	Performance
TUR	iShares MSCI Turkey ETF	2.82%
SMIN	iShares MSCI India Small Cap ETF	1.55%
EPOL	iShares MSCI Poland ETF	1.47%
GLIN	VanEck India Growth Leaders ETF	1.23%
EPHE	iShares MSCI Philippines ETF	0.87%
UEVM	VictoryShares Emerging Markets Value Momentum ETF	0.86%
KSA	iShares MSCI Saudi Arabia ETF	0.67%
PIN	Invesco India ETF	0.65%
FEMS	First Trust Emerging Markets Small Cap AlphaDEX Fund	0.61%
DBEM	Xtrackers MSCI Emerging Markets Hedged Equity ETF	0.59%

Emerging Most Overbought

Ticker	Fund	Value
FM	iShares Frontier and Select EM ETF	78.42
EPU	iShares MSCI Peru and Global Exposure ETF	77.65
DGS	WisdomTree Emerging Markets SmallCap Dividend F..	69.29
ARGT	Global X MSCI Argentina ETF	68.03
DBEM	Xtrackers MSCI Emerging Markets Hedged Equity ETF	65.80
EDIV	SPDR S&P Emerging Markets Dividend ETF	65.53
FLTW	Franklin FTSE Taiwan ETF Franklin FTSE Taiwan Fund	64.71
HEEM	iShares Currency Hedged MSCI Emerging Markets ETF	63.30
EWT	iShares MSCI Taiwan ETF	63.20
XCEM	Columbia EM Core ex-China ETF	62.74

Emerging 1-Day Performance Laggards

Ticker	Fund	Performance
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	-1.91%
PGJ	Invesco Golden Dragon China ETF	-1.60%
FLLA	Franklin FTSE Latin America Fund	-1.06%
ECH	iShares MSCI Chile ETF	-0.97%
FLBR	Franklin FTSE Brazil ETF Franklin FTSE Brazil Fund	-0.96%
GXC	SPDR S&P China ETF	-0.92%
MCHI	iShares MSCI China ETF	-0.87%
ECNS	iShares MSCI China Small-Cap ETF	-0.85%
EWZ	iShares MSCI Brazil ETF	-0.82%
FLCH	Franklin FTSE China ETF	-0.75%

Emerging Most Oversold

Ticker	Fund	Value
SMIN	iShares MSCI India Small Cap ETF	40.98
EPI	WisdomTree India Earnings Fund	42.61
THD	iShares MSCI Thailand ETF	43.98
PIN	Invesco India ETF	44.16
GLIN	VanEck India Growth Leaders ETF	44.68
INDA	iShares MSCI India ETF	45.05
NFTY	First Trust India NIFTY 50 Equal Weight ETF	45.09
INDY	iShares India 50 ETF	45.56
FLIN	Franklin FTSE India ETF	46.54
EWZ	iShares MSCI Brazil ETF	47.30

* 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	0.07%	0.92%	-1.17%
SHY	1-3 Year Treasury Bonds	0.00%	0.37%	0.17%
IEF	7-10 Year Treasury Bonds	0.01%	0.74%	-1.94%
TLT	20+ Year Treasury Bonds	0.22%	1.30%	-5.26%
TIP	TIPS Bonds	0.18%	0.84%	-0.47%
FLOT	Floating Rate Bonds	0.07%	0.68%	1.78%
LQD	Investment Grade Corporate	0.15%	1.05%	-1.43%
HYG	High Yield Corporate	-0.05%	1.68%	1.57%
BKLN	Senior Loan	0.00%	1.13%	1.78%
PFF	Preferred & Income Securities	0.28%	3.03%	5.46%
MUB	Municipal Bonds	-0.02%	0.18%	-0.09%
MBB	MBS	-0.10%	1.26%	-1.46%
EMB	Dollar Denominated EM Bonds	0.35%	3.19%	1.35%
LEMB	Local Currency EM Bond	-0.21%	0.77%	-1.48%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	-0.38%	3.77%	2.27%
DBE	Energy	-0.39%	3.57%	7.50%
USO	WTI Crude Oil	-0.56%	4.95%	15.26%
BNO	Brent Crude Oil	-0.41%	4.79%	14.50%
UNG	Natural Gas	-0.33%	-7.82%	-24.46%
UGA	Gasoline	-0.44%	7.52%	16.54%
DBP	Precious Metals	-0.70%	7.91%	5.47%
GLD	Gold	-0.10%	7.73%	5.65%
SLV	Silver	-2.75%	8.06%	3.99%
PPLT	abrdn Physical Platin..	-0.12%	2.43%	-8.41%
PALL	abrdn Physical Palla..	-0.65%	6.62%	-7.46%
DBB	Base Metals	0.17%	4.74%	-0.93%
CPER	Copper	-0.51%	5.22%	5.22%
DBA	Agriculture	0.55%	7.99%	15.33%
CORN	Corn	0.40%	4.73%	-6.54%
SOYB	Soybeans	0.08%	4.71%	-5.37%
WEAT	Wheat	0.19%	-2.05%	-11.89%
CANE	Sugar	1.52%	-1.61%	7.46%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	0.68%	0.54%	3.99%
UDN	Short Dollar	-0.61%	0.17%	-2.01%
FXE	Euro	-0.59%	0.55%	-1.12%
FXB	British Pound Sterling	-1.05%	0.41%	-0.02%
FXF	Swiss Franc	-1.27%	-2.05%	-6.30%
FXY	Japanese Yen	-0.28%	-0.94%	-7.17%
FXC	Canadian Dollar	-0.38%	0.07%	-1.52%
FXA	Australian Dollar	-0.29%	0.42%	-3.27%

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Contact us at:

team@etfaction.com

www.etfaction.com