

Large Cap Blend (S&P 500) IVV



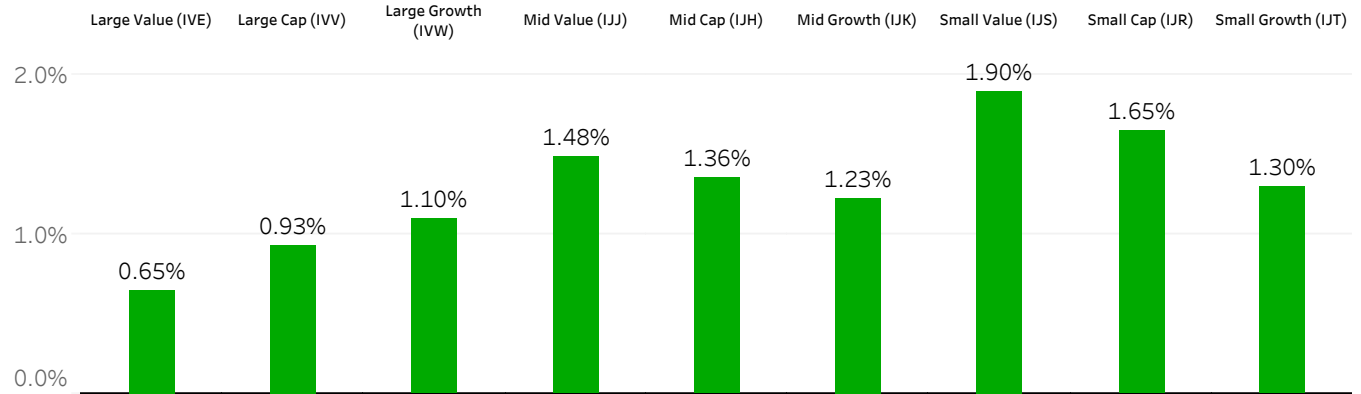
Mid Cap Blend (S&P 400) IJH



Small Cap Blend (S&P 600) IJR



U.S. Size & Style 1-Day Performance



Size & Style 1-Day Performance Leaders

Ticker	Fund	Performance
IPO	Renaissance IPO ETF	3.25%
BUZZ	VanEck Social Sentiment ETF	3.21%
FFTY	Innovator IBD 50 ETF	2.75%
OMFS	Invesco Russell 2000 Dynamic Multifactor ETF	2.55%
RZV	Invesco S&P Smallcap 600 Pure Value ETF	2.43%
IWC	iShares Micro-Cap ETF	2.42%
SVAL	iShares US Small Cap Value Factor ETF	2.41%
DWAS	Invesco Dorsey Wright SmallCap Momentum ETF	2.28%
FDM	First Trust Dow Jones Select MicroCap Index Fund	2.22%
IWN	iShares Russell 2000 Value ETF	2.20%

Size & Style Most Overbought

Ticker	Fund	Value
LSAT	Leadershares Alphafactor Tactical Focused ETF	82.04
COWZ	Pacer US Cash Cows 100 ETF	81.40
RDVY	First Trust Rising Dividend Achievers ETF	79.60
PKW	Invesco Buyback Achievers ETF	79.12
WTV	WisdomTree US Value Fund of Benef Interest	79.09
AVLV	Avantis U.S. Large Cap Value ETF	78.16
LSAF	LeaderShares AlphaFactor US Core Equity ETF	77.83
SPVU	Invesco S&P 500 Enhanced Value ETF	77.42
TPHD	Timothy Plan High Dividend Stock ETF	77.36
BMVP	Invesco Bloomberg MVP Multi-factor ETF	77.35

Size & Style 1-Day Performance Laggards

Ticker	Fund	Performance
DURA	VanEck Durable High Dividend ETF	0.09%
HUSV	First Trust Horizon Managed Volatility Domestic ETF	0.14%
SPC	CrossingBridge Pre-Merger SPAC ETF	0.14%
SPLV	Invesco S&P 500 Low Volatility ETF	0.15%
ALTL	Pacer Lunt Large Cap Alternator ETF	0.17%
HDV	iShares Core High Dividend ETF	0.22%
USMV	iShares MSCI USA Min Vol Factor ETF	0.27%
SELV	SEI Enhanced Low Volatility U.S. Large Cap ETF	0.27%
NOBL	ProShares S&P 500 Dividend Aristocrats ETF	0.34%
VSMV	VictoryShares US Multi-Factor Minimum Volatility ETF	0.34%

Size & Style Most Oversold

Ticker	Fund	Value
SMDV	ProShares Russell 2000 Dividend Growers ETF	52.08
XSLV	Invesco S&P SmallCap Low Volatility ETF	53.29
SMLV	SPDR SSGA US Small Cap Low Volatility Index ETF	53.72
SLYV	SPDR S&P 600 Small Cap Value ETF	54.27
XSHQ	Invesco S&P SmallCap Quality ETF	54.80
DRUP	GraniteShares Nasdaq Select Disruptors ETF	55.19
OMFS	Invesco Russell 2000 Dynamic Multifactor ETF	55.30
QQQE	Direxion NASDAQ-100 Equal Weighted Index Shares	55.52
FYT	First Trust Small Cap Value AlphaDEX Fund	55.60
CALF	Pacer US Small Cap Cash Cows 100 ETF	55.63

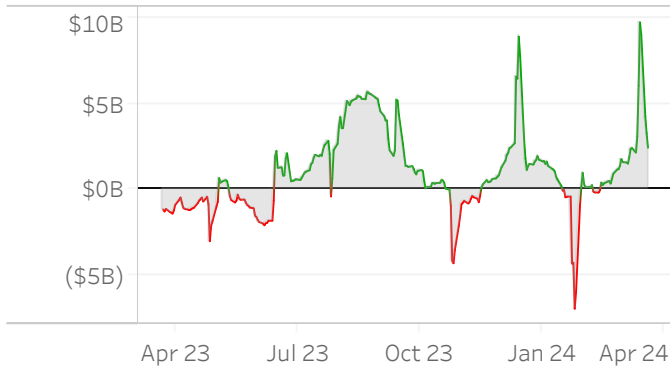
■ Closing Price ■ 50 Day Moving Average ■ 200 Day Moving Average

* 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	\$1,854B	(\$1.21B)	\$43.07B	\$135.15B	\$191.16B
Large Cap, Beta, Beta: Growth	10	\$362B	\$3.17B	\$8.43B	\$19.73B	\$25.69B
Large Cap, Beta, Beta: Value	11	\$260B	(\$0.72B)	\$2.61B	\$8.12B	\$2.41B
Mid Cap, Beta, Beta	10	\$225B	(\$4.21B)	\$2.43B	\$1.98B	\$8.01B
Mid Cap, Beta, Beta: Growth	6	\$43B	(\$1.20B)	\$0.48B	\$1.34B	\$2.17B
Mid Cap, Beta, Beta: Value	6	\$41B	(\$0.91B)	(\$1.22B)	(\$1.56B)	(\$3.51B)
Small Cap, Beta, Beta	11	\$233B	(\$3.48B)	\$1.51B	\$13.35B	\$17.00B
Small Cap, Beta, Beta: Growth	7	\$39B	(\$0.75B)	\$1.15B	\$2.25B	\$2.62B
Small Cap, Beta, Beta: Value	7	\$53B	(\$0.72B)	(\$0.34B)	\$0.09B	(\$1.76B)

U.S. Size & Style Flow Leaders

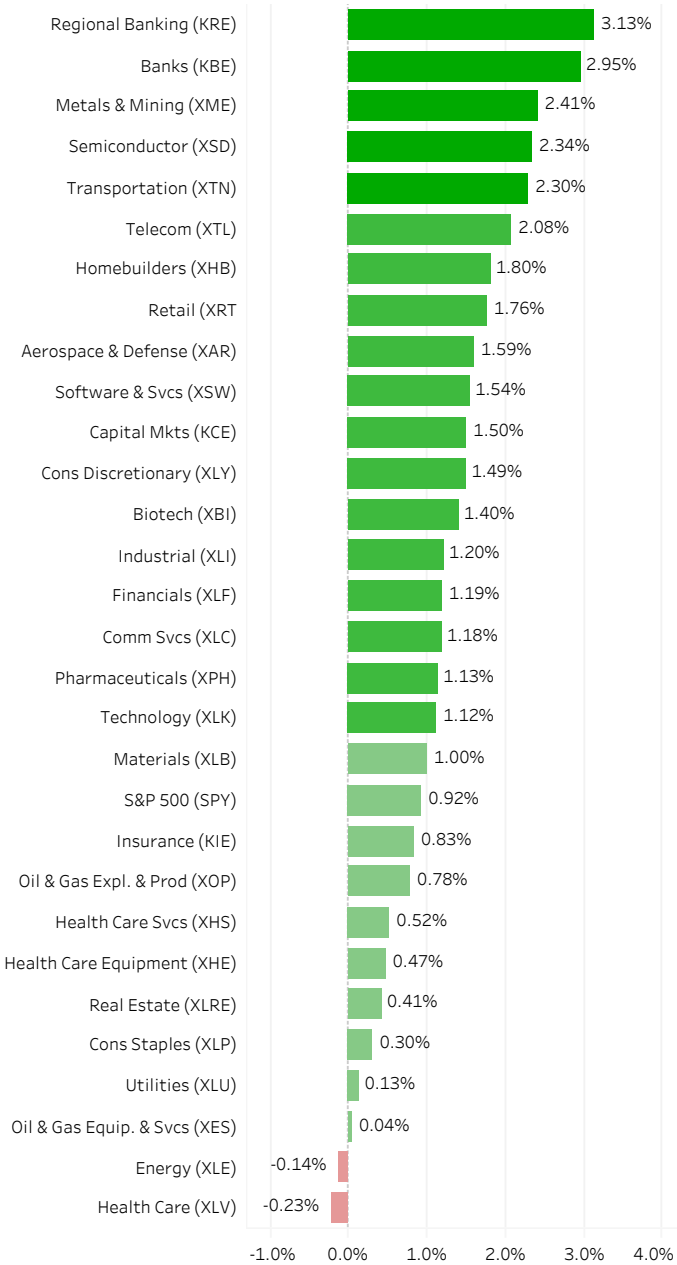
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
SPY	SPDR S&P 500 ETF Trust	\$23.40B	(\$5.55B)	\$50.46B	\$47.11B	\$530.64B
IVW	iShares S&P 500 Growth ETF	\$4.66B	\$2.51B	\$2.32B	\$4.26B	\$43.62B
DYNF	BlackRock U.S. Equity Factor Rotation ETF	\$3.21B	\$6.50B	\$6.51B	\$6.51B	\$6.81B
QUAL	iShares MSCI USA Quality Factor ETF	\$3.16B	\$2.20B	\$3.30B	\$6.95B	\$42.11B
QQQ	Invesco QQQ Trust Series I	\$1.97B	\$7.85B	\$11.51B	\$16.37B	\$255.00B
RPV	Invesco S&P 500 Pure Value ETF	\$0.44B	\$0.31B	\$0.07B	(\$1.19B)	\$2.07B
QQQM	Invesco NASDAQ 100 ETF	\$0.31B	\$2.97B	\$4.78B	\$9.80B	\$22.60B
IWD	iShares Russell 1000 Value ETF	\$0.29B	(\$3.14B)	(\$1.20B)	(\$3.31B)	\$55.12B
DUHP	Dimensional US High Profitability ETF	\$0.23B	\$0.79B	\$1.42B	\$2.41B	\$5.17B
COWZ	Pacer US Cash Cows 100 ETF	\$0.18B	\$1.90B	\$4.20B	\$5.78B	\$21.74B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
SCHD	Schwab US Dividend Equity ETF	(\$9.66B)	\$1.02B	\$2.01B	\$4.81B	\$54.95B
VYM	Vanguard High Dividend Yield Index ETF	(\$3.32B)	(\$0.26B)	(\$1.03B)	(\$0.88B)	\$53.31B
RDVY	First Trust Rising Dividend Achievers ETF	(\$2.80B)	\$0.43B	\$0.65B	\$0.60B	\$10.15B
VB	Vanguard Small-Cap ETF	(\$2.67B)	\$2.34B	\$3.27B	\$3.84B	\$54.44B
IJH	iShares Core S&P Mid-Cap ETF	(\$2.20B)	\$1.37B	(\$0.87B)	\$3.66B	\$82.36B
MOAT	VanEck Morningstar Wide Moat ETF	(\$1.84B)	\$1.02B	\$2.28B	\$5.20B	\$14.70B
VIG	Vanguard Dividend Appreciation ETF	(\$1.70B)	(\$0.48B)	\$1.01B	\$0.51B	\$77.96B
VO	Vanguard Mid-Cap ETF	(\$1.54B)	\$0.75B	\$1.69B	\$2.35B	\$63.01B
VUG	Vanguard Growth ETF	(\$1.34B)	\$2.87B	\$5.14B	\$5.26B	\$118.14B
VTV	Vanguard Value ETF	(\$1.20B)	\$0.73B	\$0.56B	(\$2.72B)	\$113.77B

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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)
SPY	SPDR S&P 500 ETF Trust	0.00%	28.72%	4.45%	13.33%	66.33
XLB	Materials Select Sector SPDR Fund	0.00%	22.97%	7.13%	11.20%	74.10
XLC	Communication Services Select Sector SPDR Fund	0.00%	45.41%	4.48%	15.99%	64.33
XLF	Financial Select Sector SPDR Fund	0.00%	32.15%	5.42%	16.02%	75.78
XLI	Industrial Select Sector SPDR Fund	0.00%	29.00%	5.89%	14.01%	73.76
XLK	Technology Select Sector SPDR Fund	-0.63%	45.65%	3.10%	14.98%	57.06
XLY	Consumer Discretionary Select Sector SPDR Fund	-0.95%	27.67%	3.02%	7.57%	59.04
XLE	Energy Select Sector SPDR Fund	-1.40%	20.19%	7.99%	7.47%	74.93
XLV	Health Care Select Sector SPDR Fund	-1.63%	18.12%	1.26%	7.87%	51.45
XLP	Consumer Staples Select Sector SPDR Fund	-1.97%	14.72%	2.81%	5.32%	64.59
XLRE	Real Estate Select Sector SPDR Fund	-3.88%	20.94%	0.36%	4.56%	47.95
XLU	Utilities Select Sector SPDR Fund	-8.72%	13.67%	3.18%	1.64%	60.20

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
PTF	Invesco Dorsey Wright Technology Momentum ETF	3.70%
KRE	SPDR S&P Regional Banking ETF	3.13%
QABA	First Trust NASDAQ ABA Community Bank Index F..	3.11%
KBWR	Invesco KBW Regional Banking ETF	3.02%
IAT	iShares U.S. Regional Banks ETF	2.97%
KBE	SPDR S&P Bank ETF	2.95%
PFI	Invesco Dorsey Wright Financial Momentum ETF	2.72%
PSI	Invesco Semiconductors ETF	2.46%
XME	SPDR S&P Metals & Mining ETF	2.41%
KBWB	Invesco KBW Bank ETF	2.36%

Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
IEO	iShares U.S. Oil & Gas Exploration & Production ETF	82.17
FTXN	First Trust Nasdaq Oil & Gas ETF	81.93
RSPG	Invesco S&P 500 Equal Weight Energy ETF	81.41
FXN	First Trust Energy AlphaDEX Fund	81.18
FCG	First Trust Natural Gas ETF	80.23
VDE	Vanguard Energy ETF	79.81
PXE	Invesco Energy Exploration & Production ETF	79.74
IYE	iShares U.S. Energy ETF	79.34
IAK	iShares U.S. Insurance ETF	79.04
IEZ	iShares U.S. Oil Equipment & Services ETF	78.56

Sector & Industry 1 Day Performance Laggards

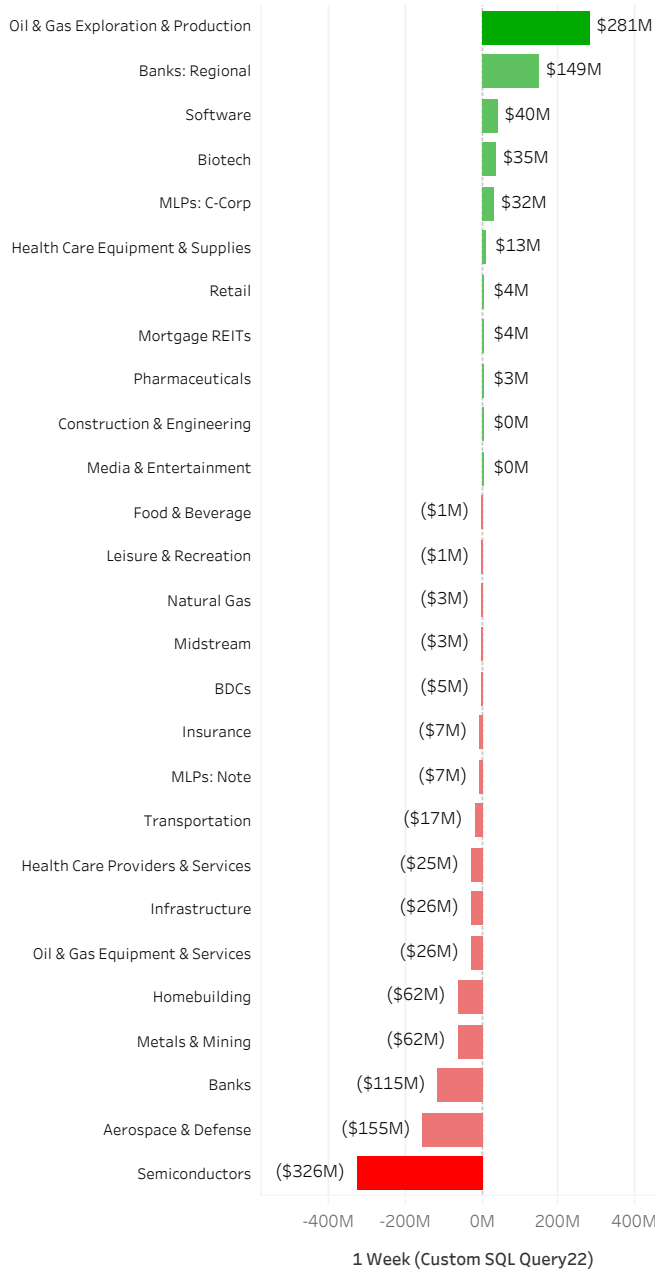
Ticker	Fund	1 Day Performance
IHI	iShares U.S. Medical Devices ETF	-0.56%
XLV	Health Care Select Sector SPDR Fund	-0.23%
RSPH	Invesco S&P 500 Equal Weight Health Care ETF	-0.19%
IYH	iShares U.S. Healthcare ETF	-0.18%
XLE	Energy Select Sector SPDR Fund	-0.14%
FXH	First Trust Health Care AlphaDEX Fund	-0.13%
VHT	Vanguard Health Care ETF	-0.12%
FHLC	Fidelity MSCI Health Care Index ETF	-0.09%
RSPU	Invesco S&P 500 Equal Weight Utilities ETF	-0.02%
VDE	Vanguard Energy ETF	-0.02%

Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
PSCT	Invesco S&P SmallCap Information Technology ETF	42.87
JPRE	JPMorgan Realty Income ETF	43.89
XTL	SPDR S&P Telecom ETF	44.42
PSR	Invesco Active U.S. Real Estate Fund	44.55
IYZ	iShares U.S. Telecommunications ETF	46.06
PSCC	Invesco S&P SmallCap Consumer Staples ETF	46.44
XPH	SPDR S&P Pharmaceuticals ETF	46.46
RWR	SPDR Dow Jones REIT ETF	47.01
BBRE	JPMorgan BetaBuilders MSCI U.S. REIT ETF	47.04
FREL	Fidelity MSCI Real Estate Index ETF	47.19

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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	(\$1,648M)	(\$143M)	\$1,045M	\$3,786M
Consumer Discretionary	12	\$30B	(\$173M)	\$199M	(\$177M)	\$3,315M
Consumer Staples	10	\$26B	\$167M	(\$1,033M)	(\$3,801M)	(\$4,074M)
Energy	30	\$76B	\$740M	(\$1,209M)	(\$966M)	(\$5,647M)
Financials	26	\$64B	(\$604M)	(\$1,267M)	(\$1,580M)	(\$2,863M)
Health Care	23	\$93B	(\$676M)	\$565M	(\$3,225M)	(\$6,149M)
Industrial	13	\$40B	(\$190M)	\$959M	\$519M	\$1,325M
Materials	9	\$12B	\$297M	\$49M	(\$1,289M)	(\$3,102M)
Multi-Sector	16	\$23B	(\$131M)	\$917M	\$521M	\$3,192M
Real Estate	25	\$61B	\$266M	\$1,637M	\$3,424M	\$2,338M
Technology	23	\$195B	(\$3,742M)	\$4,956M	\$10,319M	\$11,452M
Utilities	9	\$20B	\$413M	(\$1,733M)	(\$2,909M)	(\$3,386M)

U.S. Sector & Industry Flow Leaders

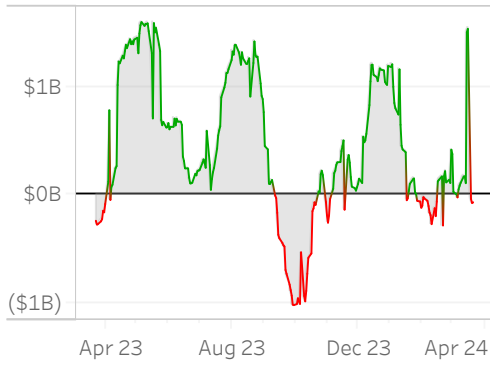
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLE	Energy Select Sector SPDR Fund	\$463M	(\$1,196M)	(\$668M)	(\$2,938M)	\$38,441M
XLU	Utilities Select Sector SPDR Fund	\$411M	(\$1,621M)	(\$2,058M)	(\$2,140M)	\$12,590M
XLB	Materials Select Sector SPDR Fund	\$381M	\$343M	(\$296M)	(\$368M)	\$5,714M
XOP	SPDR S&P Oil & Gas Exploration & Production E..	\$266M	\$290M	\$385M	(\$177M)	\$4,201M
XLP	Consumer Staples Select Sector SPDR Fund	\$162M	(\$586M)	(\$2,194M)	(\$1,506M)	\$15,617M
KRE	SPDR S&P Regional Banking ETF	\$157M	(\$748M)	(\$216M)	(\$275M)	\$2,913M
IYR	iShares U.S. Real Estate ETF	\$146M	(\$39M)	\$1,363M	\$827M	\$4,275M
XBI	SPDR S&P BIOTECH ETF	\$109M	(\$97M)	\$347M	(\$598M)	\$7,614M
XLRE	Real Estate Select Sector SPDR Fund	\$99M	\$560M	\$1,277M	\$1,183M	\$6,020M
RWR	SPDR Dow Jones REIT ETF	\$74M	\$70M	\$85M	(\$56M)	\$1,471M

U.S. Sector & Industry Flow Laggards

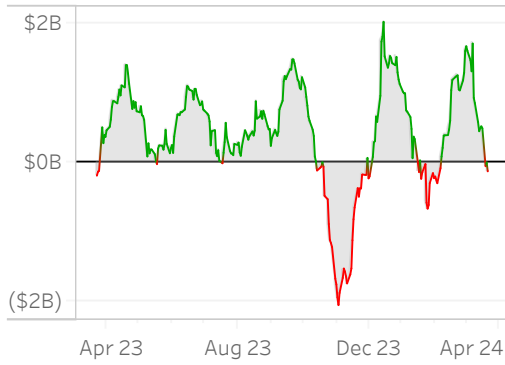
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLC	Communication Services Select Sector SPDR Fu..	(\$1,649M)	(\$217M)	\$1,055M	\$3,402M	\$17,708M
XLV	Health Care Select Sector SPDR Fund	(\$649M)	\$461M	(\$2,088M)	(\$2,292M)	\$41,054M
XLF	Financial Select Sector SPDR Fund	(\$596M)	\$312M	(\$637M)	(\$157M)	\$37,029M
IYW	iShares U.S. Technology ETF	(\$573M)	\$768M	\$2,202M	\$1,106M	\$16,232M
QTEC	First Trust NASDAQ-100 Technology Sector Ind..	(\$302M)	\$214M	\$304M	\$1,324M	\$3,931M
IGM	iShares Expanded Tech Sector ETF	(\$244M)	(\$9M)	\$92M	\$35M	\$4,271M
XLY	Consumer Discretionary Select Sector SPDR Fu..	(\$204M)	(\$16M)	(\$184M)	\$2,113M	\$19,634M
RSPT	Invesco S&P 500 Equal Weight Technology ETF	(\$183M)	\$134M	\$291M	\$526M	\$3,864M
FTXL	First Trust Nasdaq Semiconductor ETF	(\$181M)	\$60M	(\$49M)	\$870M	\$1,379M
XAR	SPDR S&P Aerospace & Defense ETF	(\$162M)	\$56M	\$256M	\$278M	\$2,057M

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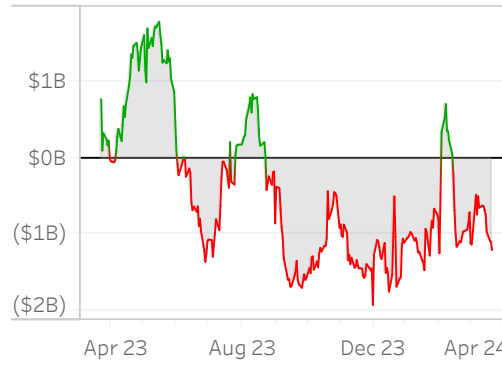
Communication Services



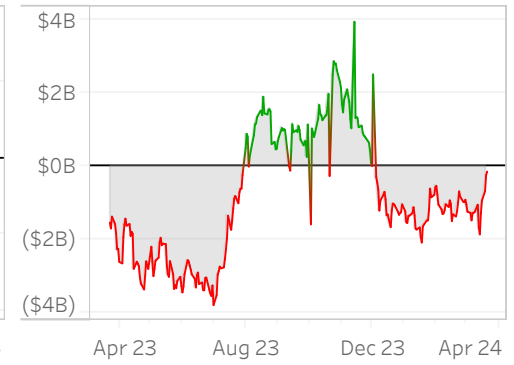
Consumer Discretionary



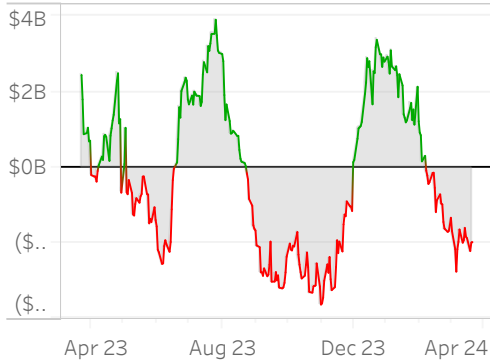
Consumer Staples



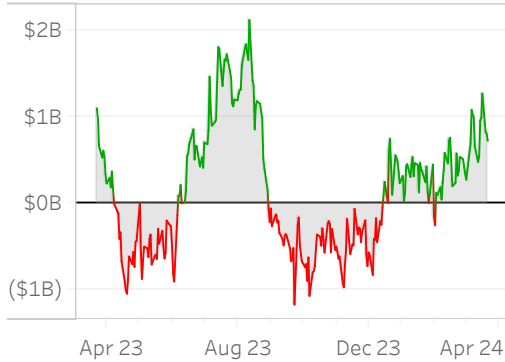
Energy



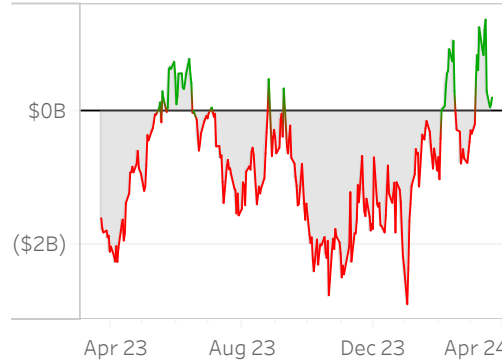
Financials



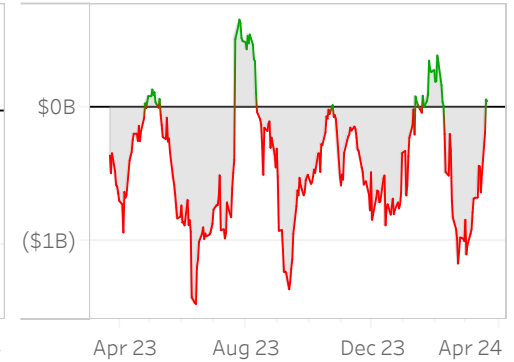
Industrial



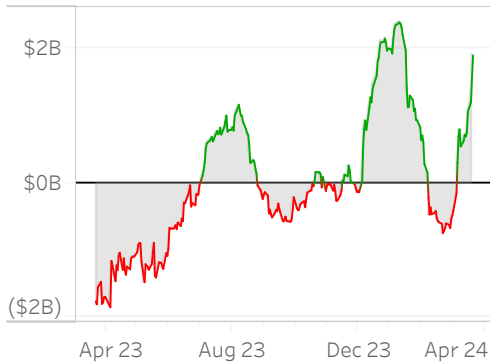
Health Care



Materials



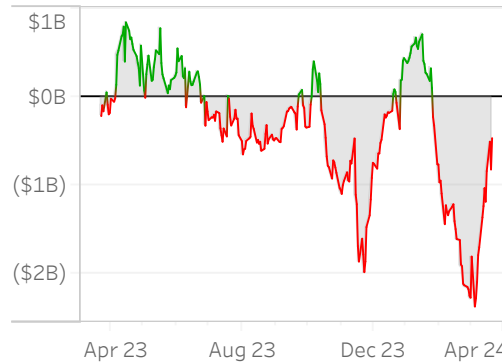
Real Estate



Technology



Utilities

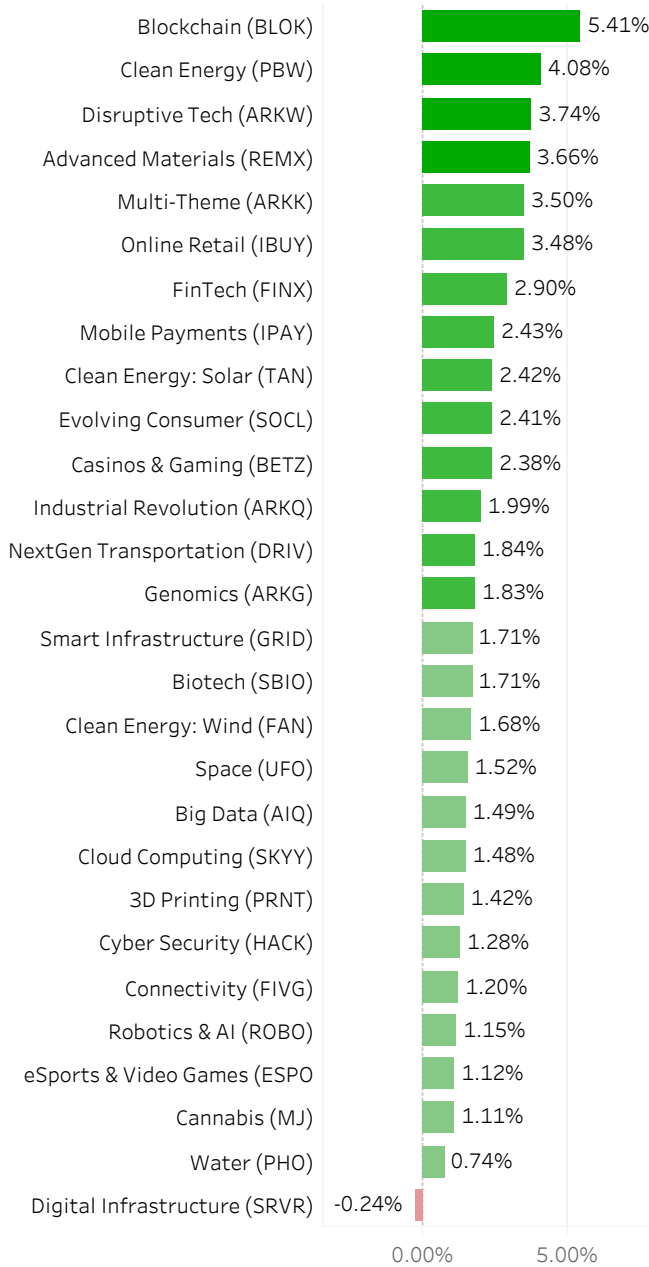


Multi-Sector

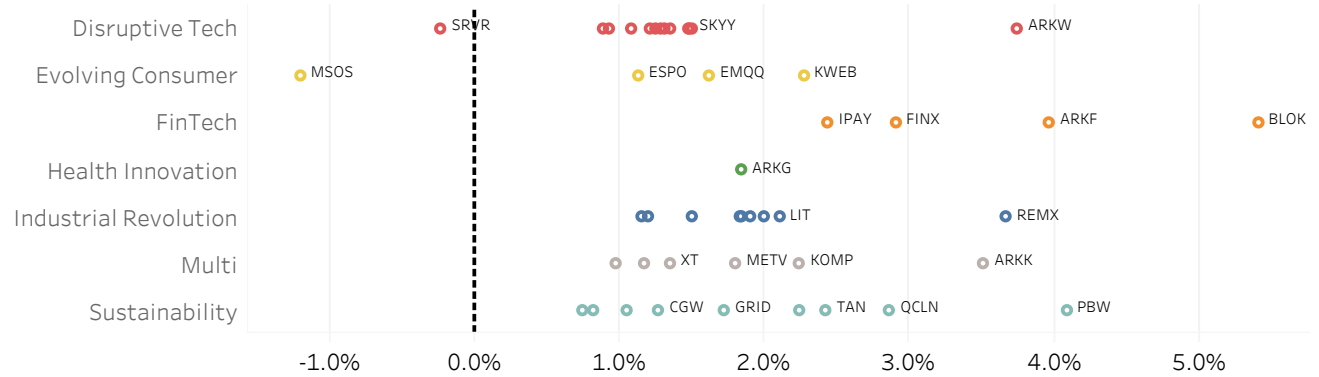


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Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	Performance (%)
WGMI	Valkyrie Bitcoin Miners ETF	15.82%
BKCH	Global X Blockchain ETF	14.41%
CRPT	First Trust SkyBridge Crypto Industry & Digital Economy ..	14.05%
DAPP	VanEck Digital Transformation ETF	13.15%
FDIG	Fidelity Crypto Industry and Digital Payments ETF	11.11%
BITQ	Bitwise Crypto Industry Innovators ETF	10.61%
BLOK	Amplify Transformational Data Sharing ETF	5.41%
PBW	Invesco WilderHill Clean Energy ETF	4.08%
ARKF	ARK Fintech Innovation ETF	3.96%
ARKW	ARK Next Generation Internet ETF	3.74%

Thematic Most Overbought

Ticker	Fund	Value
EVX	VanEck Environmental Services ETF	74.89
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure ..	74.11
EBIZ	Global X E-Commerce ETF	72.17
CGW	Invesco S&P Global Water Index ETF	70.46
EBLU	Ecofin Global Water ESG Fund	70.46
AWAY	Amplify Travel Tech ETF	69.98
ONLN	ProShares Online Retail ETF	69.88
IPAY	Amplify Mobile Payments ETF	69.01
IBUY	Amplify Online Retail ETF	68.30
PHO	Invesco Water Resources ETF	67.70

Global Thematic 1-Day Performance Laggards

Ticker	Fund	Performance (%)
MJUS	Amplify U.S. Alternative Harvest ETF	-1.96%
MSOS	AdvisorShares Pure US Cannabis ETF	-1.21%
SRVR	Pacer Data & Infrastructure Real Estate ETF	-0.24%
AGNG	Global X Aging Population ETF	0.10%
HTEC	ROBO Global Healthcare Technology and Innovation E..	0.23%
VPN	Global X Data Center REITs & Digital Infrastructure ETF	0.33%
KARS	KraneShares Electric Vehicles & Future Mobility Index ..	0.35%
SAMT	Strategas Macro Thematic Opportunities ETF	0.51%
GNOM	Global X Genomics & Biotechnology ETF	0.53%
PHO	Invesco Water Resources ETF	0.74%

Thematic Most Oversold

Ticker	Fund	Value
PAWZ	ProShares Pet Care ETF	39.11
PBW	Invesco WilderHill Clean Energy ETF	41.77
SRVR	Pacer Data & Infrastructure Real Estate ETF	42.49
ARKG	ARK Genomic Revolution ETF	42.57
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	43.51
ACES	ALPS Clean Energy ETF	43.64
ICLN	iShares Global Clean Energy ETF	45.80
IHAK	iShares Cybersecurity & Tech ETF	45.86
CNRG	SPDR S&P Kensho Clean Power ETF	46.52
SPRX	Spear Alpha ETF	46.73

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Thematic 1 Week Flow Leaders

Ticker	Fund	Flow
AIQ	Global X Artificial Intelligence & Technology ETF	\$49M
BOTZ	Global X Robotics & Artificial Intelligence ETF	\$37M
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure Index	\$17M
ROBT	First Trust Nasdaq Artificial Intelligence & Robotics ETF	\$10M
FFLC	Fidelity Fundamental Large Cap Core ETF	\$7M
BLOK	Amplify Transformational Data Sharing ETF	\$5M
PBW	Invesco WilderHill Clean Energy ETF	\$5M
GNOM	Global X Genomics & Biotechnology ETF	\$4M
CNCR	Range Cancer Therapeutics ETF	\$3M
QTUM	Defiance Quantum ETF	\$3M

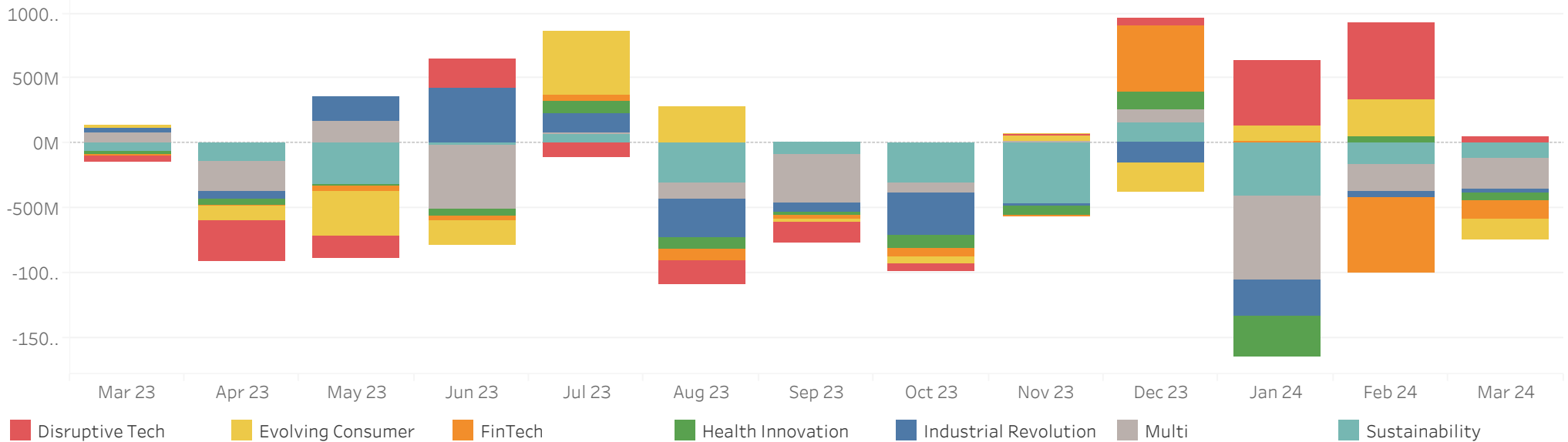
Thematic 1 Week Flow Laggards

Ticker	Fund	Flow
KWEB	KraneShares CSI China Internet ETF	(\$38M)
ICLN	iShares Global Clean Energy ETF	(\$32M)
ARKW	ARK Next Generation Internet ETF	(\$24M)
FINX	Global X FinTech ETF	(\$22M)
ARKF	ARK Fintech Innovation ETF	(\$15M)
LIT	Global X Lithium & Battery Tech ETF	(\$12M)
DRIV	Global X Autonomous & Electric Vehicles ETF	(\$12M)
XT	iShares Exponential Technologies ETF	(\$12M)
FIVG	Defiance Next Gen Connectivity ETF	(\$11M)
TAN	Invesco Solar ETF	(\$11M)

Thematic Landscape Assets & Flows

Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	33	\$21B	(\$589M)	\$1,183M	\$1,083M	\$384M
Evolving Consumer	34	\$9B	(\$83M)	\$200M	\$23M	\$176M
FinTech	17	\$3B	(\$36M)	(\$519M)	(\$264M)	(\$466M)
Health Innovation	17	\$2B	\$14M	(\$191M)	(\$299M)	(\$502M)
Industrial Revolution	30	\$10B	(\$54M)	(\$377M)	(\$875M)	(\$475M)
Multi	33	\$15B	\$11M	(\$1,185M)	(\$1,155M)	(\$2,012M)
Sustainability	39	\$12B	(\$388M)	(\$629M)	(\$1,346M)	(\$2,178M)
Grand Total	203	\$72B	(\$1,126M)	(\$1,519M)	(\$2,835M)	(\$5,074M)

Thematic Monthly Flows

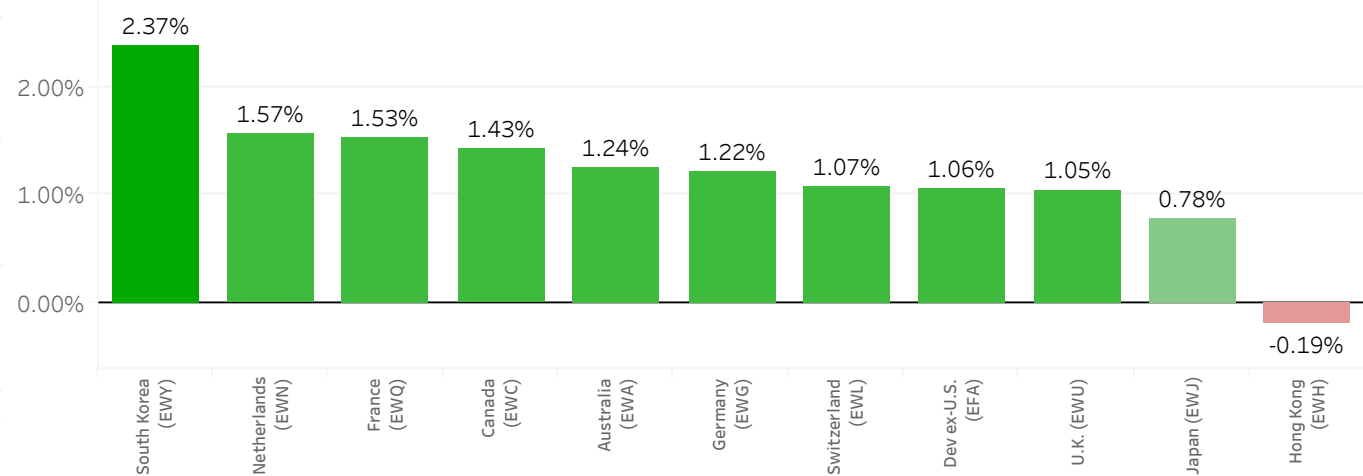


* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

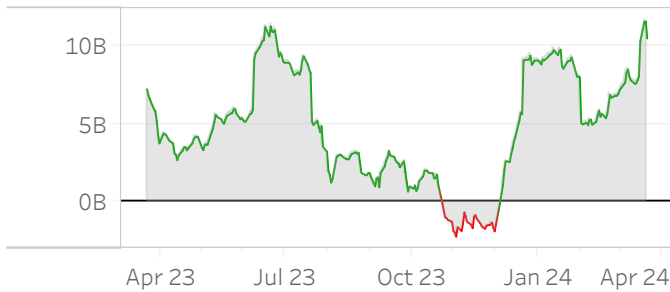
Developed ex-U.S. (EFA)



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



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



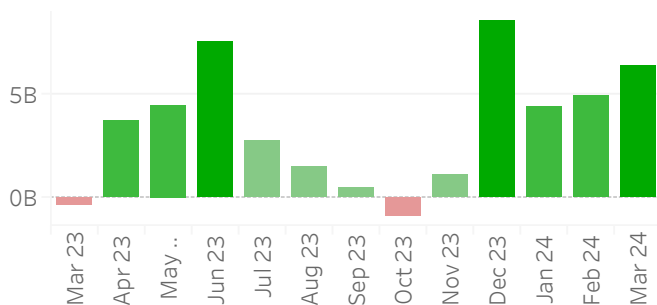
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
EWY	iShares MSCI South Korea ETF	2.37%
GREK	Global X MSCI Greece ETF	2.03%
FLKR	Franklin FTSE South Korea ETF	1.98%
ISRA	VanEck Israel ETF	1.84%
PTIN	Pacer Trendpilot International ETF	1.67%
EWP	iShares MSCI Spain ETF	1.64%
EIS	iShares MSCI Israel ETF	1.63%
EWN	iShares MSCI Netherlands ETF	1.57%
IMFL	Invesco International Developed Dynamic Multifactor ETF	1.54%
DAX	Global X DAX Germany ETF	1.54%

Developed ex-U.S. Most Overbought

Ticker	Fund	Price
EWI	iShares MSCI Italy ETF	78.59
IDMO	Invesco S&P International Developed Momentum ETF	75.59
FDT	First Trust Developed Markets ex-US AlphaDEX Fund	75.35
HEFA	iShares Currency Hedged MSCI EAFE ETF	75.31
LVHI	Franklin International Low Volatility High Dividend Index ..	75.28
DBEF	Xtrackers MSCI EAFE Hedged Equity ETF	74.82
DFIV	Dimensional International Value ETF	74.67
IMTM	iShares MSCI Intl Momentum Factor ETF	74.27
HSCZ	iShares Currency Hedged MSCI EAFE Small-Cap ETF	73.82
HEZU	iShares Currency Hedged MSCI Eurozone ETF	73.48

Developed ex-U.S. Monthly Flows



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

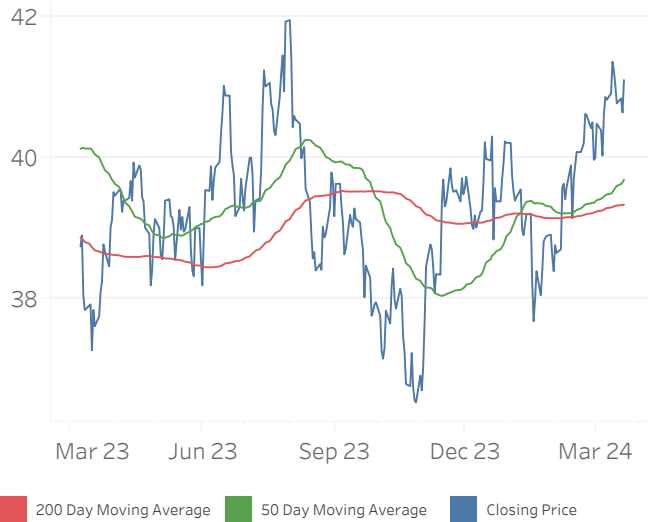
Ticker	Fund	1-Day Performance
EWH	iShares MSCI Hong Kong ETF	-0.19%
DFJ	WisdomTree Japan SmallCap Dividend Fund	0.46%
DBEU	Xtrackers MSCI Europe Hedged Equity ETF	0.59%
SCJ	iShares MSCI Japan Small-Cap ETF	0.63%
EFAV	iShares MSCI EAFE Min Vol Factor ETF	0.67%
JPNX	iShares JPX-Nikkei 400 ETF	0.68%
LVHI	Franklin International Low Volatility High Dividend Index ..	0.68%
DDWM	WisdomTree Dynamic Currency Hedged International Equi..	0.71%
FDEV	Fidelity International Multifactor ETF	0.71%
IPAC	iShares Core MSCI Pacific ETF	0.71%

Developed ex-U.S. Most Oversold

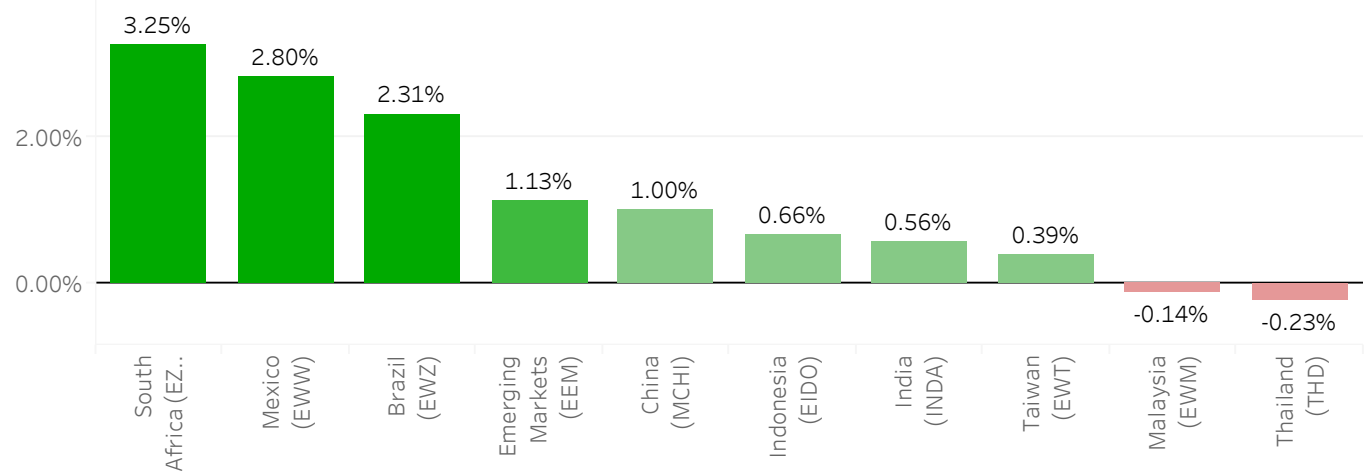
Ticker	Fund	Price
EWH	iShares MSCI Hong Kong ETF	43.43
ENZL	iShares MSCI New Zealand ETF	48.65
BBAX	JPMorgan BetaBuilders Developed Asia Pacific-ex Ja..	49.78
EPP	iShares MSCI Pacific ex-Japan ETF	54.62
EWL	iShares MSCI Switzerland ETF	55.23
MINV	Matthews Asia Innovators Active ETF	55.85
IDLV	Invesco S&P International Developed Low Volatility ..	56.91
BKCI	BNY Mellon Concentrated International ETF	57.00
EWA	iShares MSCI Australia ETF	57.11
ISRA	VanEck Israel ETF	57.88

* 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)



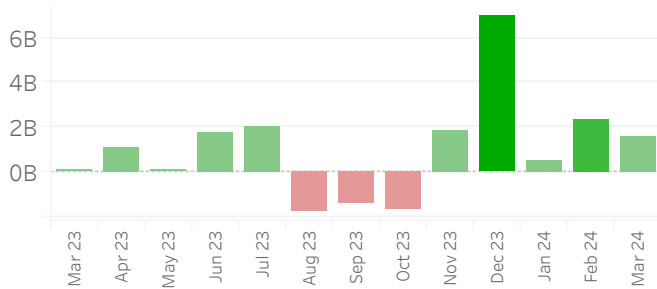
Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Leaders

Ticker	Fund	Performance
EZA	iShares MSCI South Africa ETF	3.25%
EWZS	iShares MSCI Brazil Small-Cap ETF	3.03%
EPU	iShares MSCI Peru and Global Exposure ETF	2.89%
EWZ	iShares MSCI Mexico ETF	2.80%
ILF	iShares Latin America 40 ETF	2.70%
FLLA	Franklin FTSE Latin America Fund	2.46%
FLBR	Franklin FTSE Brazil ETF Franklin FTSE Brazil Fund	2.37%
EWZ	iShares MSCI Brazil ETF	2.31%
FLN	First Trust Latin America AlphaDEX Fund	1.97%
DGRE	WisdomTree Emerging Markets Quality Dividend Growt..	1.92%

Emerging Most Overbought

Ticker	Fund	Value
EPU	iShares MSCI Peru and Global Exposure ETF	77.44
FM	iShares Frontier and Select EM ETF	76.64
DGS	WisdomTree Emerging Markets SmallCap Dividend F..	68.83
KBA	KraneShares Bosera MSCI China A 50 Connect Index E..	67.43
EYLD	Cambria Emerging Shareholder Yield ETF	65.67
ARGT	Global X MSCI Argentina ETF	64.76
EWZS	iShares MSCI Brazil Small-Cap ETF	64.25
EDIV	SPDR S&P Emerging Markets Dividend ETF	64.25
CNYA	iShares MSCI China A ETF	63.18
ECOW	Pacer Emerging Markets Cash Cows 100 ETF	62.95

Emerging 1-Day Performance Laggards

Ticker	Fund	Performance
QAT	iShares MSCI Qatar ETF	-0.88%
KSA	iShares MSCI Saudi Arabia ETF	-0.49%
GLIN	VanEck India Growth Leaders ETF	-0.24%
THD	iShares MSCI Thailand ETF	-0.23%
EPHE	iShares MSCI Philippines ETF	-0.15%
EWM	iShares MSCI Malaysia ETF	-0.14%
SMIN	iShares MSCI India Small Cap ETF	0.12%
PIN	Invesco India ETF	0.15%
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	0.24%
CNYA	iShares MSCI China A ETF	0.30%

Emerging Most Oversold

Ticker	Fund	Value
SMIN	iShares MSCI India Small Cap ETF	34.39
GLIN	VanEck India Growth Leaders ETF	38.24
PIN	Invesco India ETF	40.09
EPI	WisdomTree India Earnings Fund	40.85
TUR	iShares MSCI Turkey ETF	43.42
NFTY	First Trust India NIFTY 50 Equal Weight ETF	43.52
INDA	iShares MSCI India ETF	43.67
FLIN	Franklin FTSE India ETF	44.96
THD	iShares MSCI Thailand ETF	45.55
INDY	iShares India 50 ETF	46.32

* 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	0.21%	0.55%	-1.24%
SHY	1-3 Year Treasury Bonds	0.16%	0.28%	0.17%
IEF	7-10 Year Treasury Bonds	0.23%	0.40%	-1.95%
TLT	20+ Year Treasury Bonds	-0.03%	0.37%	-5.47%
TIP	TIPS Bonds	0.39%	0.55%	-0.65%
FLOT	Floating Rate Bonds	0.00%	0.61%	1.71%
LQD	Investment Grade Corporate	0.19%	0.64%	-1.58%
HYG	High Yield Corporate	0.34%	1.55%	1.63%
BKLN	Senior Loan	0.14%	1.22%	1.78%
PFF	Preferred & Income Securities	0.50%	2.49%	5.17%
MUB	Municipal Bonds	0.02%	0.20%	-0.07%
MBB	MBS	0.36%	0.82%	-1.37%
EMB	Dollar Denominated EM Bonds	0.47%	2.75%	1.00%
LEMB	Local Currency EM Bond	0.53%	0.92%	-1.28%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	0.27%	5.12%	2.67%
DBE	Energy	-1.22%	4.99%	7.92%
USO	WTI Crude Oil	-1.50%	6.67%	15.90%
BNO	Brent Crude Oil	-1.26%	5.97%	14.98%
UNG	Natural Gas	-1.73%	4.06%	-24.21%
UGA	Gasoline	-0.99%	8.80%	17.05%
DBP	Precious Metals	1.45%	8.50%	6.21%
GLD	Gold	1.19%	7.85%	5.76%
SLV	Silver	2.19%	10.54%	6.93%
PPLT	abrdrn Physical Platin..	1.33%	0.41%	-8.30%
PALL	abrdrn Physical Palla..	2.65%	4.62%	-6.86%
DBB	Base Metals	0.89%	5.17%	-1.09%
CPER	Copper	0.83%	6.20%	5.76%
DBA	Agriculture	1.02%	8.14%	14.71%
CORN	Corn	0.30%	2.61%	-6.91%
SOYB	Soybeans	1.75%	3.05%	-5.44%
WEAT	Wheat	-0.94%	-2.42%	-12.06%
CANE	Sugar	0.69%	-2.96%	5.85%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	-0.46%	-0.25%	3.29%
UDN	Short Dollar	0.47%	0.84%	-1.41%
FXE	Euro	0.55%	1.25%	-0.53%
FXB	British Pound Sterling	0.51%	1.56%	1.04%
FXF	Swiss Franc	0.18%	-0.59%	-5.10%
FXJ	Japanese Yen	-0.18%	-0.79%	-6.91%
FXC	Canadian Dollar	0.64%	0.55%	-1.14%
FXA	Australian Dollar	0.83%	0.68%	-2.98%

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Contact us at:

team@etfaction.com

www.etfaction.com