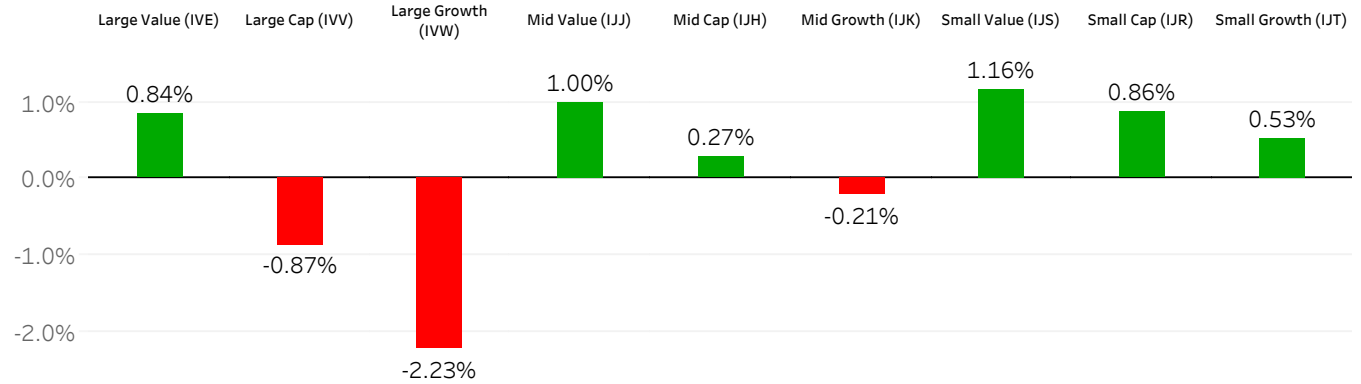


Large Cap Blend (S&P 500) IVV



U.S. Size & Style 1-Day Performance



Mid Cap Blend (S&P 400) IJH



Size & Style 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
SMLV	SPDR SSGA US Small Cap Low Volatility Index ETF	2.42%
PEY	Invesco High Yield Equity Dividend Achievers ETF	2.00%
SVAL	iShares US Small Cap Value Factor ETF	1.95%
SMDV	ProShares Russell 2000 Dividend Growers ETF	1.89%
DIV	Global X SuperDividend US ETF	1.74%
FDL	First Trust Morningstar Dividend Leaders Index Fund	1.72%
FYT	First Trust Small Cap Value AlphaDEX Fund	1.69%
CSB	VictoryShares US Small Cap High Dividend Volatility Wt..	1.68%
RDIV	Invesco S&P Ultra Dividend Revenue ETF	1.64%
RPV	Invesco S&P 500 Pure Value ETF	1.57%

Size & Style Most Overbought

Ticker	Fund	Price
SPC	CrossingBridge Pre-Merger SPAC ETF	60.10
HDV	iShares Core High Dividend ETF	52.19
ABEQ	Absolute Select Value ETF	50.55
SPHD	Invesco S&P 500 High Dividend Low Volatility ETF	50.46
PEY	Invesco High Yield Equity Dividend Achievers ETF	50.24
LVHD	Franklin U.S. Low Volatility High Dividend Index ETF	49.92
DURA	VanEck Durable High Dividend ETF	49.68
DHS	WisdomTree U.S. High Dividend Fund	49.16
DIV	Global X SuperDividend US ETF	49.12
FDL	First Trust Morningstar Dividend Leaders Index Fund	48.89

Small Cap Blend (S&P 600) IJR



Size & Style 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
WINN	Harbor Long-Term Growers ETF	-2.60%
MTUM	iShares MSCI USA Momentum Factor ETF	-2.55%
MMLG	First Trust Multi-Manager Large Growth ETF	-2.48%
MGK	Vanguard Mega Cap Growth ETF	-2.43%
SPMO	Invesco S&P 500 Momentum ETF	-2.40%
VOOG	Vanguard S&P 500 Growth ETF	-2.37%
RPG	Invesco S&P 500 Pure Growth ETF	-2.34%
SPYG	SPDR Portfolio S&P 500 Growth ETF	-2.26%
BUZZ	VanEck Social Sentiment ETF	-2.26%
VUG	Vanguard Growth ETF	-2.26%

Size & Style Most Oversold

Ticker	Fund	Price
QQQ	Invesco NASDAQ Next Gen 100 ETF	25.53
NUMG	Nuveen ESG Mid-Cap Growth ETF	25.87
LEAD	Siren DIVCON Leaders Dividend ETF	26.42
LCG	Sterling Capital Focus Equity ETF	26.91
SUSL	iShares ESG MSCI USA Leaders ETF	26.92
USXF	iShares ESG Advanced MSCI USA ETF	27.10
IPO	Renaissance IPO ETF	27.18
VEGN	US Vegan Climate ETF	27.24
CHGX	AXS Change Finance ESG ETF	27.38
NULG	Nuveen ESG Large-Cap Growth ETF	27.46

■ 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

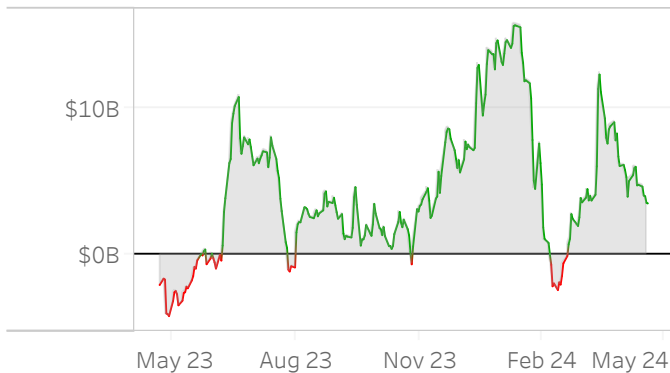
Large-Cap 30-Day Rolling Flows



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	\$1,803B	\$7.70B	\$47.98B	\$129.63B	\$203.83B
Large Cap, Beta, Beta: Growth	10	\$352B	\$1.28B	\$11.20B	\$18.76B	\$26.80B
Large Cap, Beta, Beta: Value	11	\$251B	(\$0.07B)	\$5.50B	\$8.38B	\$5.78B
Mid Cap, Beta, Beta	10	\$219B	\$0.83B	\$5.24B	\$5.51B	\$11.15B
Mid Cap, Beta, Beta: Growth	6	\$42B	(\$0.05B)	\$1.40B	\$2.13B	\$2.70B
Mid Cap, Beta, Beta: Value	6	\$40B	(\$0.11B)	(\$1.36B)	(\$1.37B)	(\$3.07B)
Small Cap, Beta, Beta	11	\$223B	(\$1.41B)	\$1.30B	\$13.23B	\$20.18B
Small Cap, Beta, Beta: Growth	7	\$37B	(\$0.01B)	\$0.94B	\$2.22B	\$2.49B
Small Cap, Beta, Beta: Value	7	\$51B	(\$0.05B)	(\$0.30B)	\$0.37B	(\$0.96B)

U.S. Size & Style Flow Leaders

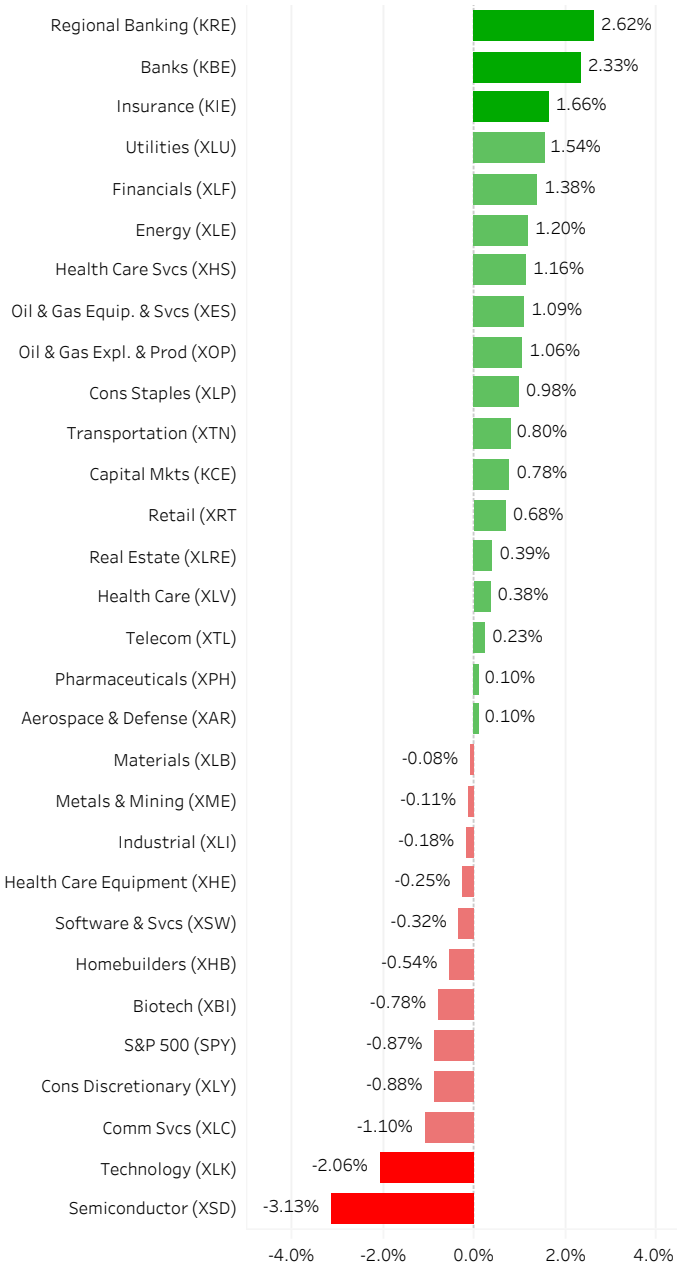
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
QQQ	Invesco QQQ Trust Series I	\$3.61B	\$8.22B	\$12.32B	\$20.70B	\$248.31B
VOO	Vanguard S&P 500 ETF	\$2.41B	\$24.64B	\$41.57B	\$66.52B	\$422.75B
IVV	iShares Core S&P 500 ETF	\$2.09B	\$3.56B	\$24.47B	\$52.19B	\$432.54B
VUG	Vanguard Growth ETF	\$1.08B	\$4.75B	\$6.76B	\$7.43B	\$115.87B
VTI	Vanguard Total Stock Market ETF	\$0.75B	\$8.26B	\$16.19B	\$27.74B	\$372.12B
SPLG	SPDR Portfolio S&P 500 ETF	\$0.61B	\$5.27B	\$9.67B	\$12.03B	\$33.13B
IWR	iShares Russell Midcap ETF	\$0.47B	\$1.36B	\$1.24B	\$1.45B	\$32.41B
SPYG	SPDR Portfolio S&P 500 Growth ETF	\$0.36B	\$1.18B	\$1.95B	\$3.64B	\$24.34B
VO	Vanguard Mid-Cap ETF	\$0.27B	\$1.46B	\$2.50B	\$3.69B	\$61.57B
QQQM	Invesco NASDAQ 100 ETF	\$0.26B	\$2.02B	\$4.81B	\$9.47B	\$22.46B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
IWM	iShares Russell 2000 ETF	(\$1.06B)	(\$3.96B)	\$3.04B	\$4.38B	\$58.28B
DIA	SPDR Dow Jones Industrial Average ETF Trust	(\$0.79B)	(\$0.83B)	\$0.40B	(\$0.21B)	\$31.68B
RSP	Invesco S&P 500 Equal Weight ETF	(\$0.56B)	\$3.23B	\$8.64B	\$15.68B	\$53.45B
SPLV	Invesco S&P 500 Low Volatility ETF	(\$0.37B)	(\$1.57B)	(\$1.71B)	(\$3.22B)	\$6.80B
IWD	iShares Russell 1000 Value ETF	(\$0.37B)	(\$1.32B)	(\$1.33B)	(\$2.83B)	\$52.64B
VTWO	Vanguard Russell 2000 ETF	(\$0.22B)	\$1.21B	\$2.02B	\$2.48B	\$8.74B
LCTU	BlackRock U.S. Carbon Transition Readiness E..	(\$0.21B)	(\$0.43B)	(\$0.54B)	(\$0.54B)	\$1.16B
VIG	Vanguard Dividend Appreciation ETF	(\$0.21B)	\$0.27B	\$0.52B	\$1.04B	\$74.90B
IWF	iShares Russell 1000 Growth ETF	(\$0.18B)	(\$0.52B)	\$0.69B	\$1.34B	\$85.00B
DVY	iShares Select Dividend ETF	(\$0.14B)	(\$0.78B)	(\$1.40B)	(\$3.50B)	\$17.77B

* 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)
XLE	Energy Select Sector SPDR Fund	-3.17%	24.00%	4.56%	8.82%	55.63
XLP	Consumer Staples Select Sector SPDR Fund	-3.55%	12.41%	-0.34%	3.10%	50.01
XLC	Communication Services Select Sector SPDR Fund	-4.03%	37.94%	-1.15%	10.11%	39.85
XLF	Financial Select Sector SPDR Fund	-4.13%	28.39%	-0.62%	10.17%	45.70
XLI	Industrial Select Sector SPDR Fund	-4.36%	24.92%	-1.30%	8.46%	36.11
XLB	Materials Select Sector SPDR Fund	-4.41%	19.47%	-0.40%	6.65%	38.51
SPY	SPDR S&P 500 ETF Trust	-5.35%	22.22%	-3.08%	5.93%	30.24
XLU	Utilities Select Sector SPDR Fund	-5.67%	16.44%	3.26%	4.37%	58.20
XLV	Health Care Select Sector SPDR Fund	-6.03%	12.84%	-3.87%	2.07%	31.44
XLY	Consumer Discretionary Select Sector SPDR Fund	-8.25%	17.67%	-5.65%	-1.00%	28.84
XLK	Technology Select Sector SPDR Fund	-8.76%	30.49%	-6.47%	3.49%	28.63
XLRE	Real Estate Select Sector SPDR Fund	-11.41%	11.46%	-6.85%	-3.74%	29.45

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
QABA	First Trust NASDAQ ABA Community Bank Index F..	3.14%
KBWR	Invesco KBW Regional Banking ETF	2.76%
KRE	SPDR S&P Regional Banking ETF	2.62%
IAT	iShares U.S. Regional Banks ETF	2.52%
KBE	SPDR S&P Bank ETF	2.33%
FTXO	First Trust Nasdaq Bank ETF	2.32%
IAK	iShares U.S. Insurance ETF	2.03%
KBWB	Invesco KBW Bank ETF	1.97%
KBWP	Invesco KBW Property & Casualty Insurance ETF	1.91%
FXU	First Trust Utilities AlphaDEX Fund	1.84%

Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
XLU	Utilities Select Sector SPDR Fund	58.20
FUTY	Fidelity MSCI Utilities Index ETF	57.49
IDU	iShares U.S. Utilities ETF	57.41
VPU	Vanguard Utilities ETF	57.09
RSPU	Invesco S&P 500 Equal Weight Utilities ETF	57.04
ENFR	Alerian Energy Infrastructure ETF	56.94
FXU	First Trust Utilities AlphaDEX Fund	56.81
MLPX	Global X MLP & Energy Infrastructure ETF	56.19
XLE	Energy Select Sector SPDR Fund	55.63
EMLP	First Trust North American Energy Infrastructure Fund	55.58

Sector & Industry 1 Day Performance Laggards

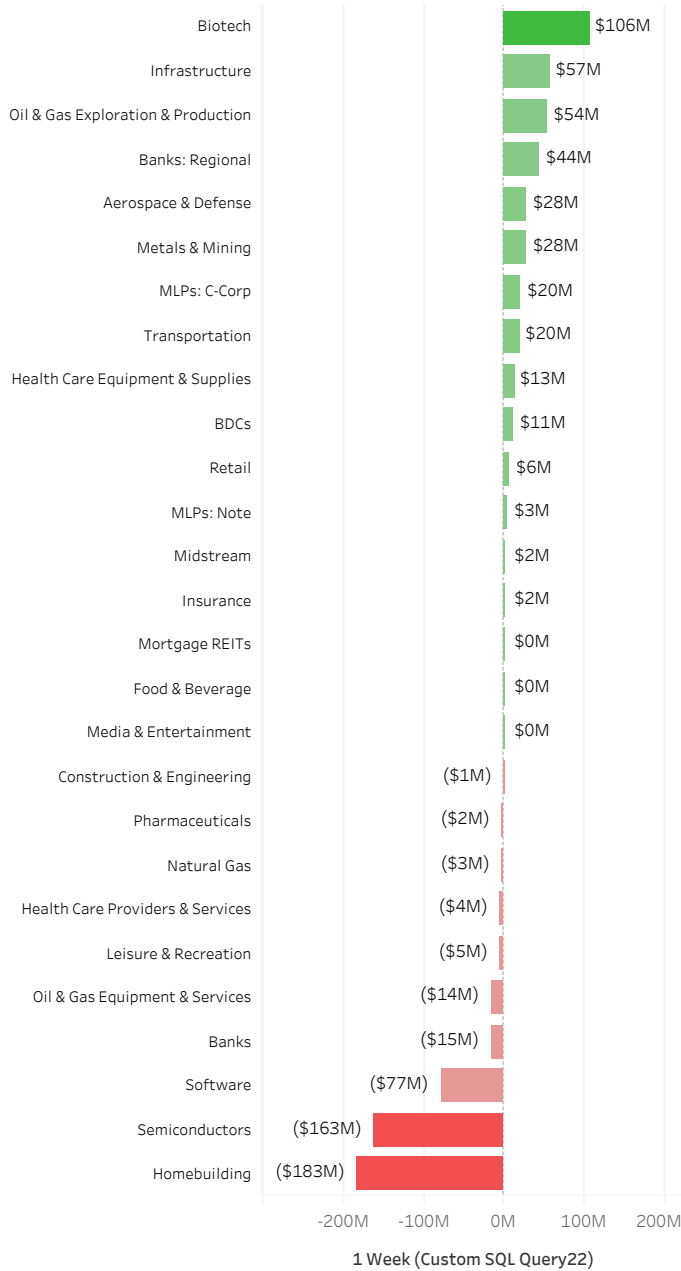
Ticker	Fund	1 Day Performance
SOXQ	Invesco PHLX Semiconductor ETF	-4.10%
SOXX	iShares Semiconductor ETF	-3.99%
PSI	Invesco Semiconductors ETF	-3.95%
FTXL	First Trust Nasdaq Semiconductor ETF	-3.42%
IGPT	Invesco AI and Next Gen Software ETF	-3.38%
PTF	Invesco Dorsey Wright Technology Momentum ETF	-3.16%
XSD	SPDR S&P Semiconductor ETF	-3.13%
IYW	iShares U.S. Technology ETF	-2.85%
IGM	iShares Expanded Tech Sector ETF	-2.78%
FTEC	Fidelity MSCI Information Technology Index ETF	-2.70%

Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
IHE	iShares U.S. Pharmaceuticals ETF	22.68
IBB	iShares Biotechnology ETF	24.73
FBT	First Trust NYSE Arca Biotechnology Index Fund	25.76
INDS	Pacer Industrial Real Estate ETF	26.25
XPH	SPDR S&P Pharmaceuticals ETF	26.72
VGT	Vanguard Information Technology ETF	26.84
PBE	Invesco Biotechnology & Genome ETF	26.88
IGV	iShares Expanded Tech-Software Sector ETF	26.92
XBI	SPDR S&P BIOTECH ETF	27.38
FXL	First Trust Technology AlphaDEX Fund	27.53

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

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	(\$261M)	(\$9M)	\$647M	\$2,323M
Consumer Discretionary	12	\$29B	(\$247M)	\$1,193M	\$1,351M	\$2,723M
Consumer Staples	10	\$24B	(\$47M)	(\$1,846M)	(\$4,147M)	(\$6,383M)
Energy	30	\$78B	\$144M	\$960M	\$1,654M	(\$2,363M)
Financials	26	\$64B	\$130M	(\$1,080M)	\$1,422M	(\$2,055M)
Health Care	23	\$86B	(\$44M)	(\$2,140M)	(\$3,594M)	(\$7,464M)
Industrial	13	\$41B	\$382M	\$2,229M	\$2,380M	\$2,992M
Materials	9	\$13B	(\$100M)	(\$65M)	(\$901M)	(\$2,915M)
Multi-Sector	16	\$22B	(\$176M)	\$1,276M	\$1,055M	\$3,305M
Real Estate	25	\$56B	(\$129M)	\$695M	\$2,834M	\$2,771M
Technology	23	\$186B	(\$66M)	\$5,211M	\$10,741M	\$12,265M
Utilities	9	\$19B	(\$101M)	(\$2,906M)	(\$3,218M)	(\$4,275M)

U.S. Sector & Industry Flow Leaders

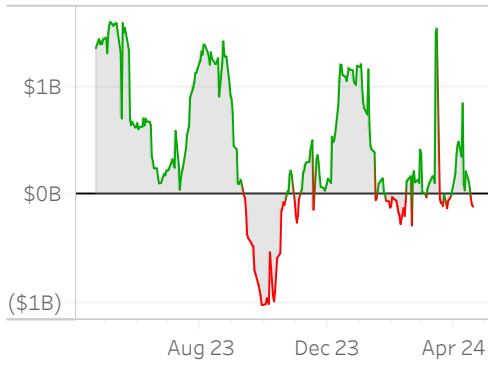
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLI	Industrial Select Sector SPDR Fund	\$303M	\$1,391M	\$1,232M	\$1,648M	\$18,032M
IYW	iShares U.S. Technology ETF	\$191M	\$965M	\$1,882M	\$1,248M	\$15,850M
VGT	Vanguard Information Technology ETF	\$118M	\$1,694M	\$2,873M	\$2,815M	\$62,213M
XLF	Financial Select Sector SPDR Fund	\$107M	\$485M	\$1,167M	(\$558M)	\$37,069M
IBB	iShares Biotechnology ETF	\$71M	(\$11M)	(\$56M)	(\$745M)	\$6,910M
XLE	Energy Select Sector SPDR Fund	\$64M	\$367M	(\$1,058M)	(\$1,896M)	\$40,283M
KRE	SPDR S&P Regional Banking ETF	\$54M	(\$769M)	(\$170M)	(\$699M)	\$2,503M
RWR	SPDR Dow Jones REIT ETF	\$54M	\$46M	\$55M	(\$9M)	\$1,355M
PAVE	Global X U.S. Infrastructure Development ETF	\$45M	\$1,147M	\$955M	\$1,812M	\$7,275M
XOP	SPDR S&P Oil & Gas Exploration & Production E..	\$41M	\$205M	\$379M	\$136M	\$4,176M

U.S. Sector & Industry Flow Laggards

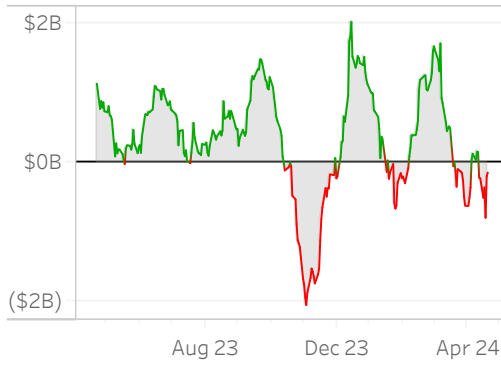
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLC	Communication Services Select Sector SPDR Fu..	(\$246M)	(\$100M)	\$713M	\$1,974M	\$17,569M
XLY	Consumer Discretionary Select Sector SPDR Fu..	(\$236M)	\$867M	\$1,240M	\$2,040M	\$18,924M
ITB	iShares U.S. Home Construction ETF	(\$220M)	\$344M	\$375M	\$255M	\$2,699M
SOXX	iShares Semiconductor ETF	(\$156M)	\$240M	\$292M	\$623M	\$11,709M
IYR	iShares U.S. Real Estate ETF	(\$147M)	(\$343M)	\$974M	\$944M	\$3,577M
XLB	Materials Select Sector SPDR Fund	(\$124M)	(\$256M)	(\$457M)	(\$725M)	\$5,612M
IGV	iShares Expanded Tech-Software Sector ETF	(\$78M)	(\$1,080M)	(\$794M)	(\$1,056M)	\$6,162M
XLV	Health Care Select Sector SPDR Fund	(\$69M)	(\$1,666M)	(\$2,710M)	(\$3,585M)	\$37,636M
XLU	Utilities Select Sector SPDR Fund	(\$67M)	(\$2,805M)	(\$2,695M)	(\$3,190M)	\$11,666M
IYH	iShares U.S. Healthcare ETF	(\$58M)	(\$23M)	(\$3M)	(\$138M)	\$3,228M

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

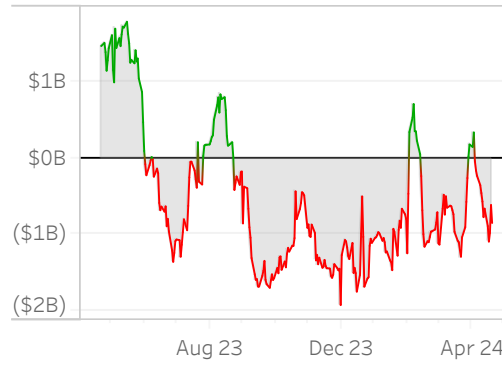
Communication Services



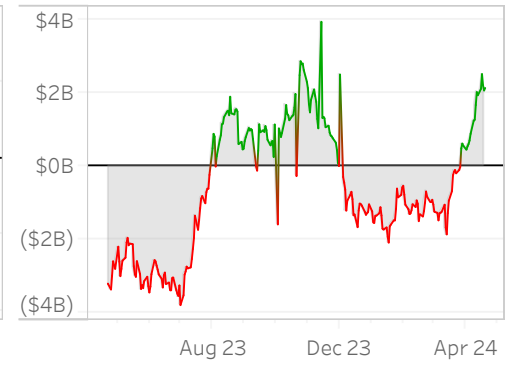
Consumer Discretionary



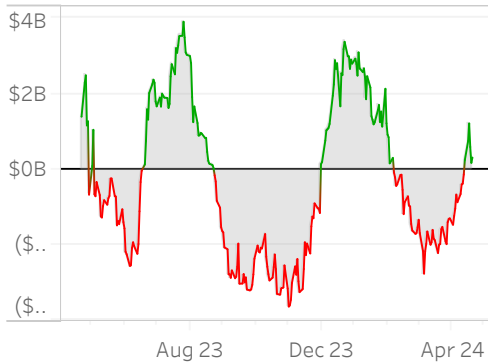
Consumer Staples



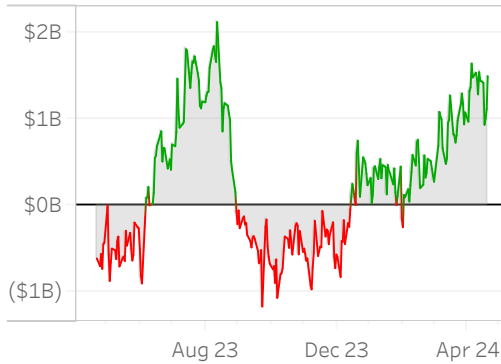
Energy



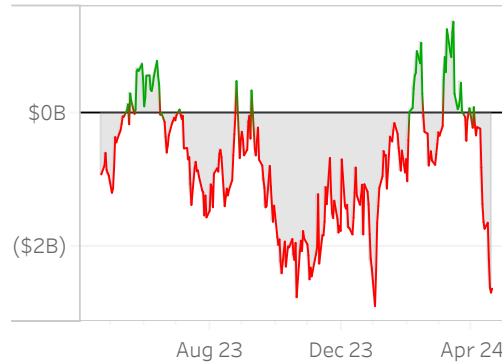
Financials



Industrial



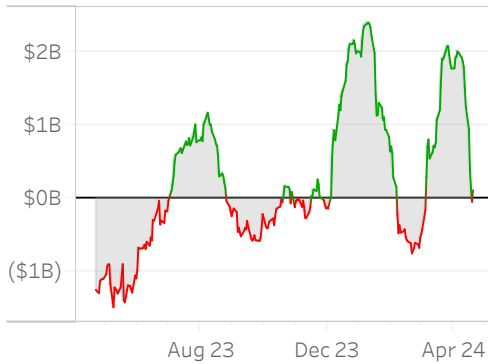
Health Care



Materials



Real Estate



Technology



Utilities

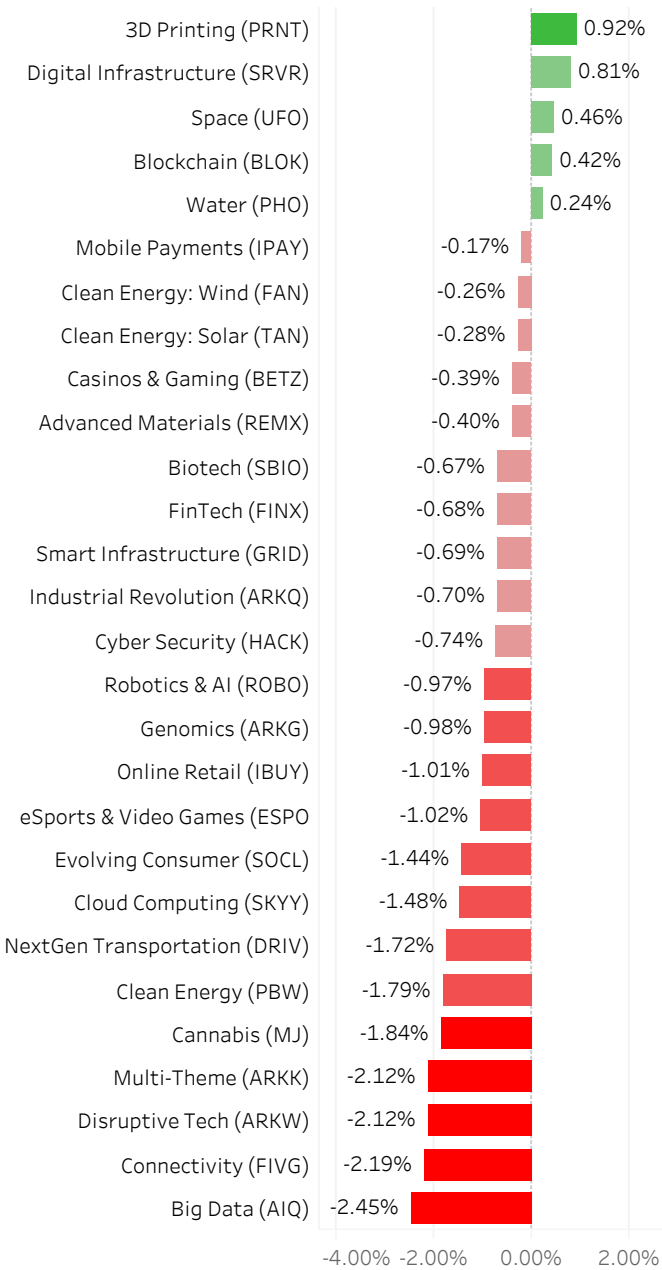


Multi-Sector

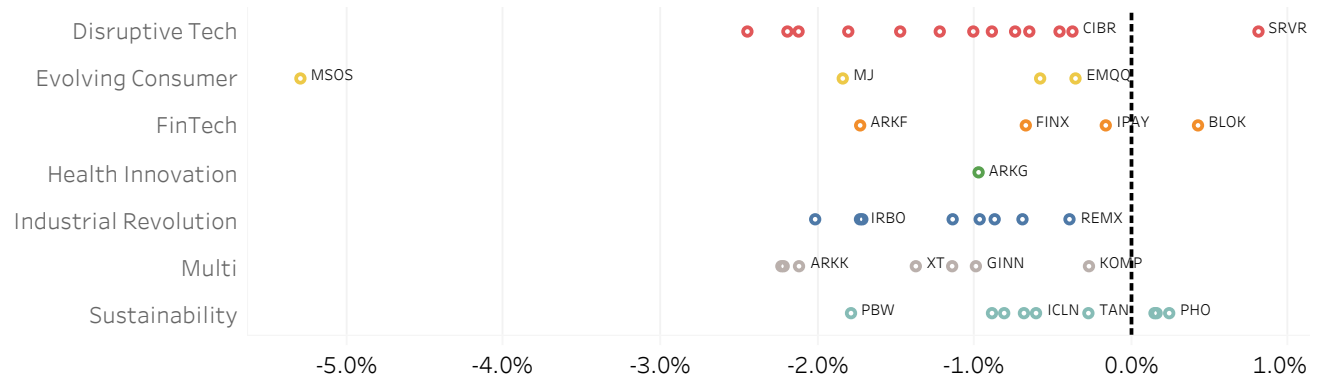


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Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
WGMI	Valkyrie Bitcoin Miners ETF	4.29%
BKCH	Global X Blockchain ETF	3.08%
BLCN	Siren ETF Trust Siren Nasdaq NexGen Economy ETF	2.60%
DAPP	VanEck Digital Transformation ETF	1.93%
FDIG	Fidelity Crypto Industry and Digital Payments ETF	1.45%
BITQ	Bitwise Crypto Industry Innovators ETF	1.35%
PRNT	3D Printing ETF	0.92%
SRVR	Pacer Data & Infrastructure Real Estate ETF	0.81%
EVX	VanEck Environmental Services ETF	0.63%
BLOK	Amplify Transformational Data Sharing ETF	0.42%

Thematic Most Overbought

Ticker	Fund	Value
CGW	Invesco S&P Global Water Index ETF	47.72
MJ	Amplify Alternative Harvest ETF	45.07
REMX	VanEck Rare Earth/Strategic Metals ETF	43.68
WGMI	Valkyrie Bitcoin Miners ETF	43.56
MJUS	Amplify U.S. Alternative Harvest ETF	43.49
MSOS	AdvisorShares Pure US Cannabis ETF	43.30
BKCH	Global X Blockchain ETF	41.81
KWEB	KraneShares CSI China Internet ETF	41.61
EMQQ	EMQQ The Emerging Markets Internet & Ecommerce ETF	41.19
EVX	VanEck Environmental Services ETF	41.06

Global Thematic 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
MSOS	AdvisorShares Pure US Cannabis ETF	-5.30%
ENTR	ERShares Entrepreneurs ETF	-3.86%
MJUS	Amplify U.S. Alternative Harvest ETF	-3.58%
SPRX	Spear Alpha ETF	-3.14%
WTAI	WisdomTree Artificial Intelligence and Innovation Fund	-2.64%
LOUP	Innovator Deepwater Frontier Tech ETF	-2.53%
AIQ	Global X Artificial Intelligence & Technology ETF	-2.45%
GTEK	Goldman Sachs Future Tech Leaders Equity ETF	-2.35%
XITK	SPDR FactSet Innovative Technology ETF	-2.24%
TECB	iShares U.S. Tech Breakthrough Multisector ETF	-2.23%

Thematic Most Oversold

Ticker	Fund	Value
DTCR	Global X Data Center And Digital Infrastructure ETF	20.84
GNOM	Global X Genomics & Biotechnology ETF	22.98
ARKG	ARK Genomic Revolution ETF	23.49
IHAK	iShares Cybersecurity & Tech ETF	23.84
WTAI	WisdomTree Artificial Intelligence and Innovation Fund	24.15
CLOU	Global X Cloud Computing ETF	24.86
IRBO	iShares Robotics and Artificial Intelligence Multisector E..	24.88
ROBO	ROBO Global Robotics & Automation Index ETF	25.06
ROBT	First Trust Nasdaq Artificial Intelligence & Robotics ETF	25.11
ARKK	ARK Innovation ETF	25.27

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

Thematic 1 Week Flow Leaders

Ticker	Fund	Flow
AIQ	Global X Artificial Intelligence & Technology ETF	\$33M
ARKK	ARK Innovation ETF	\$27M
ARKG	ARK Genomic Revolution ETF	\$26M
CGW	Invesco S&P Global Water Index ETF	\$26M
FFLC	Fidelity Fundamental Large Cap Core ETF	\$16M
MILN	Global X Millennial Consumer ETF	\$12M
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure Index	\$11M
PHO	Invesco Water Resources ETF	\$6M
MSOS	AdvisorShares Pure US Cannabis ETF	\$6M
AGNG	Global X Aging Population ETF	\$3M

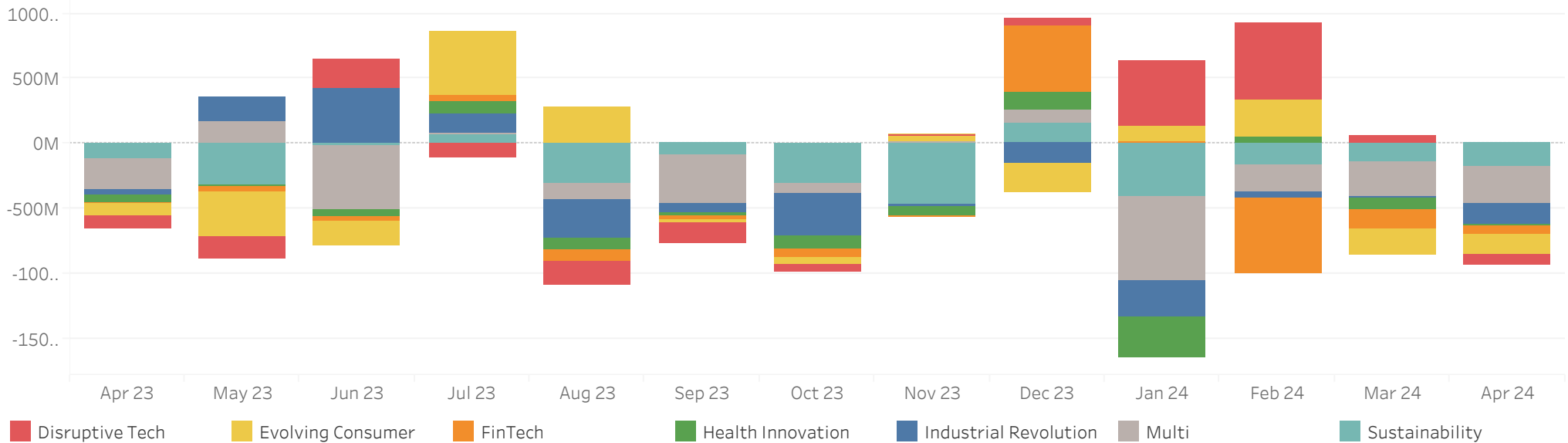
Thematic 1 Week Flow Laggards

Ticker	Fund	Flow
KWEB	KraneShares CSI China Internet ETF	(\$150M)
TAN	Invesco Solar ETF	(\$84M)
CLOU	Global X Cloud Computing ETF	(\$59M)
CIBR	First Trust NASDAQ Cybersecurity ETF	(\$58M)
ICLN	iShares Global Clean Energy ETF	(\$57M)
ARKW	ARK Next Generation Internet ETF	(\$27M)
BOTZ	Global X Robotics & Artificial Intelligence ETF	(\$19M)
DRIV	Global X Autonomous & Electric Vehicles ETF	(\$16M)
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	(\$11M)
ARKQ	ARK Autonomous Technology & Robotics ETF	(\$10M)

Thematic Landscape Assets & Flows

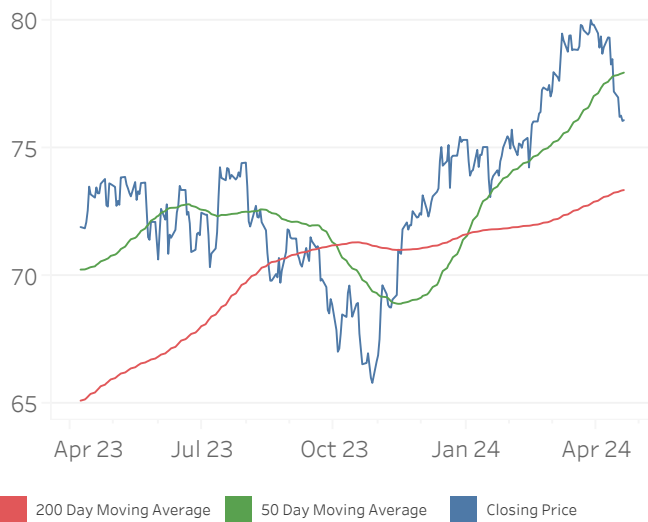
Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	33	\$19B	(\$132M)	\$987M	\$1,131M	\$584M
Evolving Consumer	34	\$9B	(\$140M)	\$76M	(\$143M)	(\$28M)
FinTech	17	\$3B	(\$20M)	(\$953M)	(\$280M)	(\$523M)
Health Innovation	17	\$2B	\$25M	(\$179M)	(\$375M)	(\$534M)
Industrial Revolution	29	\$9B	(\$60M)	(\$336M)	(\$738M)	(\$643M)
Multi	33	\$14B	\$22M	(\$951M)	(\$1,315M)	(\$2,398M)
Sustainability	39	\$12B	(\$124M)	(\$554M)	(\$1,381M)	(\$2,300M)
Grand Total	202	\$67B	(\$429M)	(\$1,912M)	(\$3,102M)	(\$5,842M)

Thematic Monthly Flows

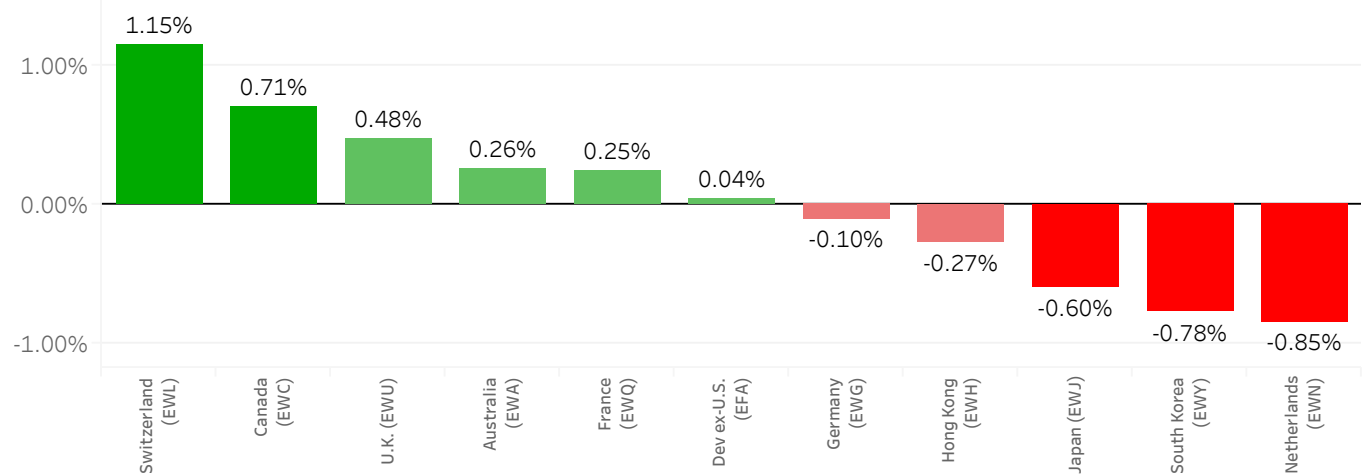


* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

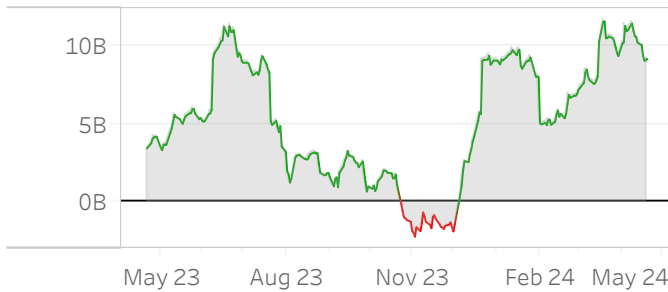
Developed ex-U.S. (EFA)



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



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



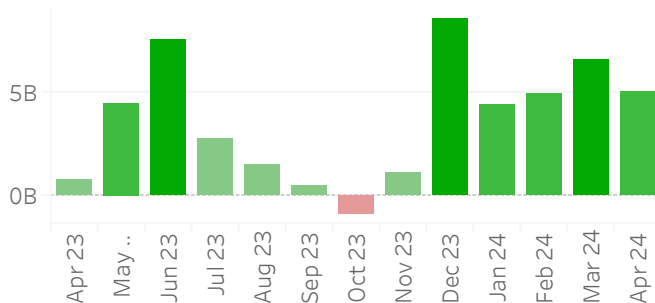
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	Performance
EWL	iShares MSCI Switzerland ETF	1.15%
GREK	Global X MSCI Greece ETF	1.07%
FLCA	Franklin FTSE Canada ETF Franklin FTSE Canada Fund	0.84%
EWI	iShares MSCI Italy ETF	0.80%
EDEN	iShares MSCI Denmark ETF	0.77%
BBCA	JPMorgan BetaBuilders Canada ETF	0.76%
EWC	iShares MSCI Canada ETF	0.71%
HDEF	Xtrackers MSCI EAFE High Dividend Yield Equity ETF	0.69%
EFAV	iShares MSCI EAFE Min Vol Factor ETF	0.63%
IDV	iShares International Select Dividend ETF	0.62%

Developed ex-U.S. Most Overbought

Ticker	Fund	Value
EWO	iShares MSCI Austria ETF	51.52
FDD	First Trust Stoxx European Select Dividend Index Fund	50.52
LVHI	Franklin International Low Volatility High Dividend Index ..	49.86
EWS	iShares MSCI Singapore ETF	48.76
EWI	iShares MSCI Italy ETF	46.68
EWP	iShares MSCI Spain ETF	46.64
DXJS	WisdomTree Japan Hedged SmallCap Equity Fund	45.56
EWU	iShares MSCI United Kingdom ETF	45.37
DBEU	Xtrackers MSCI Europe Hedged Equity ETF	45.04
DXJ	WisdomTree Japan Hedged Equity Fund	44.86

Developed ex-U.S. Monthly Flows



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

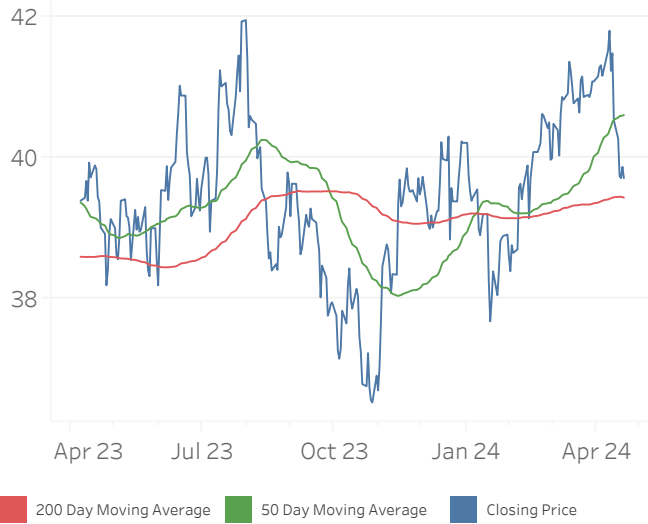
Ticker	Fund	Performance
AIA	iShares Asia 50 ETF	-1.36%
MINV	Matthews Asia Innovators Active ETF	-1.22%
EWN	iShares MSCI Netherlands ETF	-0.85%
IMOM	Alpha Architect International Quantitative Momentum ETF	-0.79%
EWY	iShares MSCI South Korea ETF	-0.78%
DXJS	WisdomTree Japan Hedged SmallCap Equity Fund	-0.72%
AAXJ	iShares MSCI All Country Asia ex Japan ETF	-0.70%
FLKR	Franklin FTSE South Korea ETF	-0.67%
IDMO	Invesco S&P International Developed Momentum ETF	-0.65%
TOK	iShares MSCI Kokusai ETF	-0.65%

Developed ex-U.S. Most Oversold

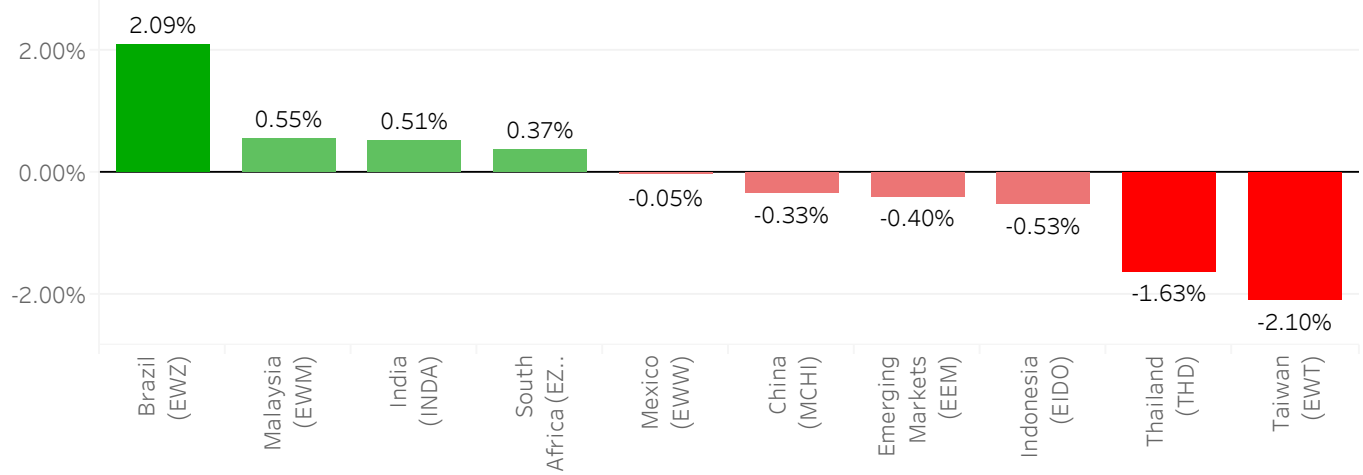
Ticker	Fund	Value
BKCI	BNY Mellon Concentrated International ETF	25.46
EFAD	ProShares MSCI EAFE Dividend Growers ETF	25.49
EFG	iShares MSCI EAFE Growth ETF	25.99
DMXF	iShares ESG Advanced MSCI EAFE ETF	26.65
IMOM	Alpha Architect International Quantitative Moment..	26.74
IQDG	WisdomTree International Quality Dividend Growth ..	26.97
PTIN	Pacer Trendpilot International ETF	27.88
TPIF	Timothy Plan International ETF	27.91
IDHQ	Invesco S&P International Developed High Quality E..	28.01
IQSI	IQ Candriam International Equity ETF	28.12

* 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



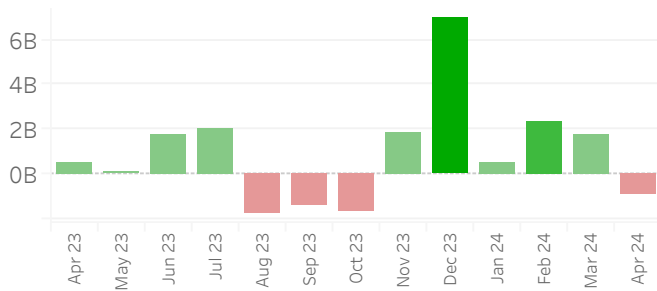
Emerging 1-Day Performance Leaders

Ticker	Fund	Performance
EWZ	iShares MSCI Brazil ETF	2.09%
FLBR	Franklin FTSE Brazil ETF Franklin FTSE Brazil Fund	1.83%
EWZS	iShares MSCI Brazil Small-Cap ETF	1.72%
TUR	iShares MSCI Turkey ETF	1.35%
FLLA	Franklin FTSE Latin America ETF	1.24%
ILF	iShares Latin America 40 ETF	1.20%
INDY	iShares India 50 ETF	0.91%
PIN	Invesco India ETF	0.79%
DVYE	iShares Emerging Markets Dividend ETF	0.76%
FLIN	Franklin FTSE India ETF	0.74%

Emerging Most Overbought

Ticker	Fund	Value
EPU	iShares MSCI Peru and Global Exposure ETF	59.81
TUR	iShares MSCI Turkey ETF	57.94
SMIN	iShares MSCI India Small Cap ETF	56.34
KBA	KraneShares Bosera MSCI China A 50 Connect Index E..	53.67
EPI	WisdomTree India Earnings Fund	52.58
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	52.42
DVYE	iShares Emerging Markets Dividend ETF	51.55
CNYA	iShares MSCI China A ETF	51.09
FLIN	Franklin FTSE India ETF	50.85
EYLD	Cambria Emerging Shareholder Yield ETF	50.49

Emerging Monthly Flows



Emerging 1-Day Performance Laggards

Ticker	Fund	Performance
EWT	iShares MSCI Taiwan ETF	-2.10%
FLTW	Franklin FTSE Taiwan ETF Franklin FTSE Taiwan Fund	-1.99%
THD	iShares MSCI Thailand ETF	-1.63%
PIE	Invesco Dorsey Wright Emerging Markets Momentum E..	-1.32%
EPHE	iShares MSCI Philippines ETF	-1.32%
FRDM	Freedom 100 Emerging Markets ETF	-0.87%
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	-0.85%
PGJ	Invesco Golden Dragon China ETF	-0.84%
EEMS	iShares MSCI Emerging Markets Small Cap ETF	-0.84%
EWX	SPDR S&P Emerging Markets Small Cap ETF	-0.79%

Emerging Most Oversold

Ticker	Fund	Value
VNM	VanEck Vietnam ETF	19.61
EPHE	iShares MSCI Philippines ETF	23.30
EIDO	iShares MSCI Indonesia ETF	25.34
FM	iShares Frontier and Select EM ETF	27.78
KEMX	KraneShares MSCI Emerging Markets EX China Inde..	29.72
EWT	iShares MSCI Taiwan ETF	30.06
FLTW	Franklin FTSE Taiwan ETF Franklin FTSE Taiwan Fund	30.38
XCEM	Columbia EM Core ex-China ETF	30.97
MEM	Matthews Emerging Markets Equity Active ETF	31.90
EWW	iShares MSCI Mexico ETF	32.47

* 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	0.10%	-1.62%	-3.04%
SHY	1-3 Year Treasury Bonds	0.02%	-0.16%	-0.15%
IEF	7-10 Year Treasury Bonds	0.13%	-1.92%	-4.06%
TLT	20+ Year Treasury Bonds	0.36%	-3.73%	-8.97%
TIP	TIPS Bonds	0.15%	-0.49%	-1.53%
FLOT	Floating Rate Bonds	0.00%	0.58%	2.30%
LQD	Investment Grade Corporate	0.10%	-2.34%	-4.06%
HYG	High Yield Corporate	0.18%	-1.53%	-0.27%
BKLN	Senior Loan	-0.05%	0.00%	1.63%
PFF	Preferred & Income Securities	0.59%	-3.84%	0.63%
MUB	Municipal Bonds	0.08%	-0.98%	-1.07%
MBB	MBS	0.01%	-2.04%	-3.72%
EMB	Dollar Denominated EM Bonds	0.29%	-1.00%	-0.48%
LEMB	Local Currency EM Bond	0.29%	-1.89%	-3.65%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	1.05%	4.41%	6.90%
DBE	Energy	0.00%	-0.84%	8.34%
USO	WTI Crude Oil	0.09%	0.54%	18.30%
BNO	Brent Crude Oil	0.09%	0.85%	17.43%
UNG	Natural Gas	0.69%	-7.16%	-28.40%
UGA	Gasoline	0.20%	-1.00%	17.03%
DBP	Precious Metals	0.56%	11.68%	16.91%
GLD	Gold	0.31%	10.63%	15.62%
SLV	Silver	1.31%	14.96%	20.29%
PPLT	abrdrn Physical Platin..	-0.80%	4.12%	-5.78%
PALL	abrdrn Physical Palla..	-0.18%	2.75%	-6.77%
DBB	Base Metals	1.34%	13.55%	11.31%
CPER	Copper	1.15%	10.98%	16.40%
DBA	Agriculture	2.24%	12.57%	27.82%
CORN	Corn	1.13%	-1.60%	-8.67%
SOYB	Soybeans	1.19%	-1.91%	-8.85%
WEAT	Wheat	2.69%	0.75%	-10.55%
CANE	Sugar	0.17%	-7.75%	-3.03%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	0.00%	2.81%	6.68%
UDN	Short Dollar	0.06%	-2.01%	-3.85%
FXE	Euro	0.08%	-1.74%	-2.79%
FXB	British Pound Sterling	-0.50%	-2.48%	-1.98%
FXF	Swiss Franc	0.25%	-2.39%	-7.53%
FXJ	Japanese Yen	0.03%	-2.38%	-8.97%
FXC	Canadian Dollar	0.23%	-1.04%	-2.80%
FXA	Australian Dollar	-0.05%	-1.63%	-5.35%

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