

Large Cap Blend (S&P 500) IVV



Mid Cap Blend (S&P 400) IJH

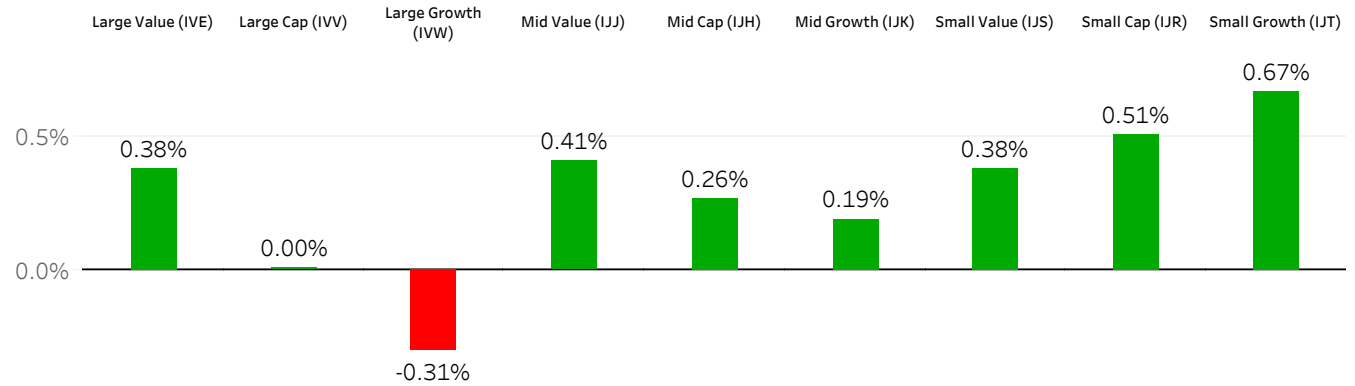


Small Cap Blend (S&P 600) IJR



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

U.S. Size & Style 1-Day Performance



Size & Style 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
FDM	First Trust Dow Jones Select MicroCap Index Fund	1.30%
RZG	Invesco S&P Smallcap 600 Pure Growth ETF	1.17%
TMFS	Motley Fool Small-Cap Growth ETF	1.16%
SPVU	Invesco S&P 500 Enhanced Value ETF	1.00%
SPDV	AAM S&P 500 High Dividend Value ETF	1.00%
GLRY	Inspire Faithward Mid Cap Momentum ETF	0.95%
WBIY	WBI Power Factor High Dividend ETF	0.94%
EES	WisdomTree U.S. SmallCap Fund	0.93%
MGMT	Ballast Small/Mid Cap ETF	0.87%
DHS	WisdomTree U.S. High Dividend Fund	0.85%

Size & Style Most Overbought

Ticker	Fund	Price
LSAT	Leadershares Alphafactor Tactical Focused ETF	83.79
SPVU	Invesco S&P 500 Enhanced Value ETF	81.79
PWV	Invesco Large Cap Value ETF	81.59
PKW	Invesco Buyback Achievers ETF	80.27
LSAF	LeaderShares AlphaFactor US Core Equity ETF	80.17
COWZ	Pacer US Cash Cows 100 ETF	79.37
DFUV	Dimensional US Marketwide Value ETF	79.01
SEIV	SEI Enhanced U.S. Large Cap Value Factor ETF	78.55
ABEQ	Absolute Select Value ETF	78.42
ULVM	VictoryShares US Value Momentum ETF	77.41

Size & Style 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
SFYX	SoFi Next 500 ETF	-0.78%
BUZZ	VanEck Social Sentiment ETF	-0.65%
CGGR	Capital Group Growth ETF	-0.53%
FTC	First Trust Large Cap Growth AlphaDEX Fund	-0.52%
FFTY	Innovator IBD 50 ETF	-0.46%
FPX	First Trust US Equity Opportunities ETF	-0.34%
IVW	iShares S&P 500 Growth ETF	-0.31%
MGK	Vanguard Mega Cap Growth ETF	-0.30%
SPYG	SPDR Portfolio S&P 500 Growth ETF	-0.29%
IWY	iShares Russell Top 200 Growth ETF	-0.26%

Size & Style Most Oversold

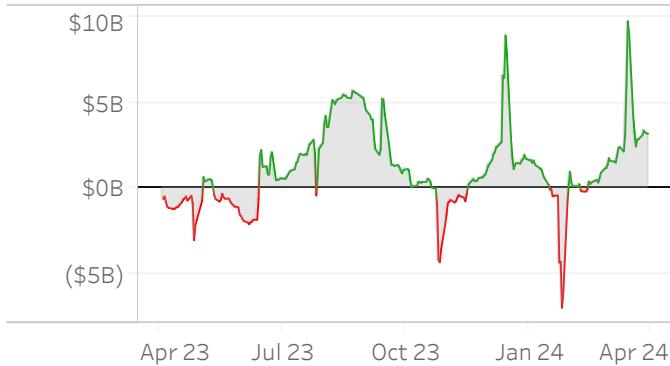
Ticker	Fund	Price
FFTY	Innovator IBD 50 ETF	54.48
WINN	Harbor Long-Term Growers ETF	54.71
MGK	Vanguard Mega Cap Growth ETF	55.22
DRUP	GraniteShares Nasdaq Select Disruptors ETF	55.40
SPC	CrossingBridge Pre-Merger SPAC ETF	55.98
QQH	HCM Defender 100 Index ETF	55.99
QQQM	Invesco NASDAQ 100 ETF	56.31
QQQ	Invesco QQQ Trust Series I	56.44
IWY	iShares Russell Top 200 Growth ETF	56.94
QQEW	First Trust Nasdaq-100 Equal Weighted Index Fund	57.16

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

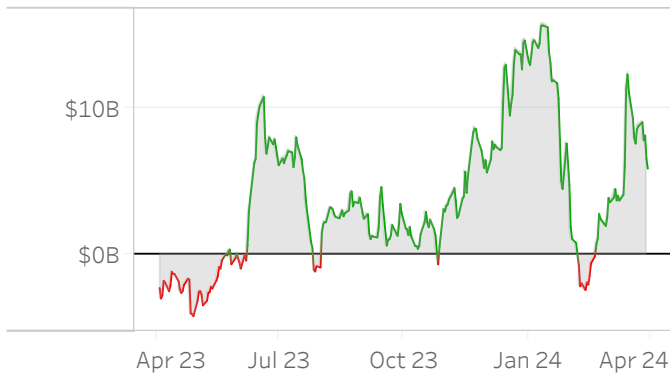
Large-Cap 30-Day Rolling Flows



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	26	\$1,892B	\$17.41B	\$43.32B	\$142.18B	\$211.33B
Large Cap, Beta Growth, Beta: Growth	10	\$365B	\$0.46B	\$8.36B	\$19.33B	\$24.60B
Mid Cap, Beta, Beta	10	\$231B	\$0.39B	\$2.89B	\$2.74B	\$9.22B
Small Cap, Beta, Beta	11	\$243B	\$0.29B	\$1.07B	\$12.79B	\$20.91B
Mid Cap, Beta, Beta: Growth	6	\$44B	\$0.16B	\$0.55B	\$1.61B	\$2.43B
Large Cap, Beta Growth, Beta: Value	11	\$264B	\$0.12B	\$2.01B	\$8.67B	\$4.93B
Small Cap, Beta, Beta: Growth	7	\$41B	\$0.05B	\$1.12B	\$2.22B	\$2.85B
Mid Cap, Beta, Beta: Value	6	\$42B	(\$0.01B)	(\$1.27B)	(\$1.50B)	(\$2.86B)
Small Cap, Beta, Beta: Value	7	\$55B	(\$0.05B)	(\$0.77B)	\$0.30B	(\$1.25B)

U.S. Size & Style Flow Leaders

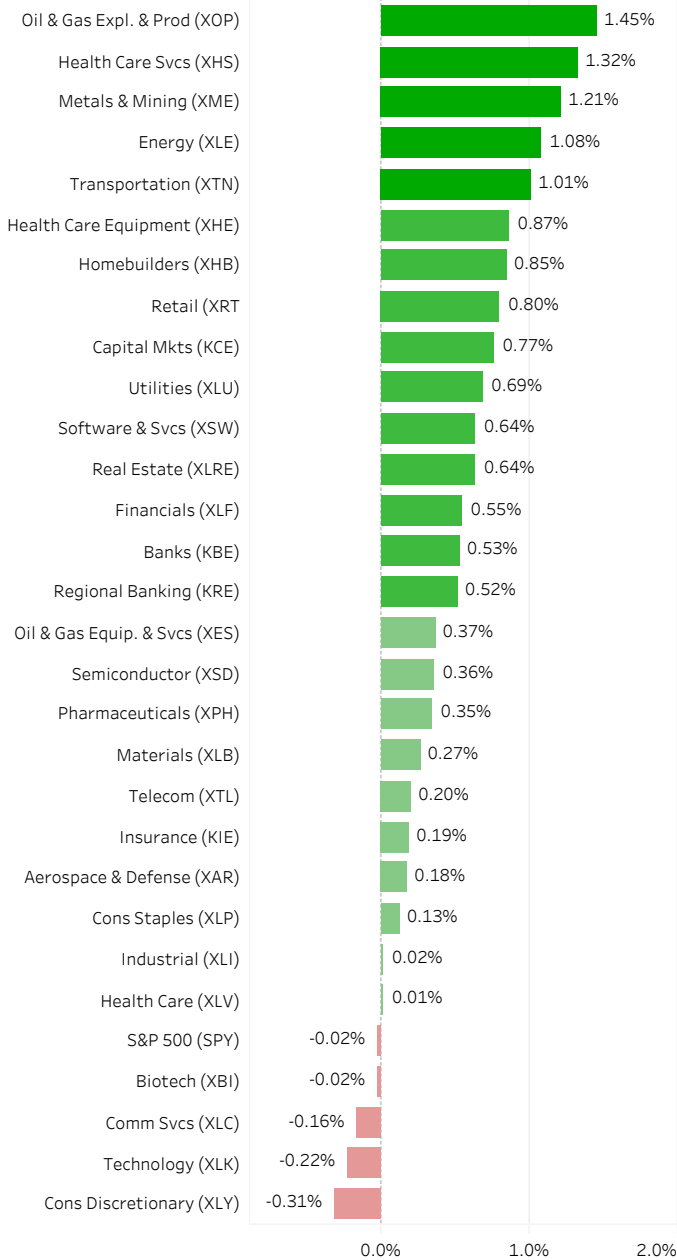
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
SPY	SPDR S&P 500 ETF Trust	\$9.13B	(\$9.20B)	\$41.03B	\$49.82B	\$535.54B
QQQ	Invesco QQQ Trust Series I	\$3.06B	\$9.12B	\$13.44B	\$18.37B	\$259.64B
IVV	iShares Core S&P 500 ETF	\$2.87B	\$13.05B	\$33.07B	\$55.12B	\$454.12B
VOO	Vanguard S&P 500 ETF	\$1.90B	\$23.93B	\$36.49B	\$61.76B	\$435.21B
SYLD	Cambria Shareholder Yield ETF	\$0.35B	\$0.43B	\$0.55B	\$0.59B	\$1.55B
IWR	iShares Russell Midcap ETF	\$0.34B	(\$0.05B)	\$0.21B	\$0.16B	\$33.39B
XMMO	Invesco S&P MidCap Momentum ETF	\$0.27B	\$0.55B	\$0.48B	\$0.47B	\$2.07B
RSP	Invesco S&P 500 Equal Weight ETF	\$0.25B	\$1.15B	\$5.79B	\$13.02B	\$54.32B
DWAS	Invesco Dorsey Wright SmallCap Momentum ..	\$0.23B	\$0.32B	\$0.33B	\$0.46B	\$1.15B
SCHD	Schwab US Dividend Equity ETF	\$0.21B	\$1.37B	\$2.18B	\$4.81B	\$56.14B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
USMV	iShares MSCI USA Min Vol Factor ETF	(\$0.44B)	(\$3.82B)	(\$7.31B)	(\$7.78B)	\$24.54B
DIA	SPDR Dow Jones Industrial Average ETF Trust	(\$0.29B)	\$0.26B	\$1.15B	\$0.44B	\$34.32B
SMMV	iShares MSCI USA Small-Cap Min Vol Factor E..	(\$0.12B)	(\$0.11B)	(\$0.11B)	(\$0.07B)	\$0.78B
IJH	iShares Core S&P Mid-Cap ETF	(\$0.10B)	\$1.04B	(\$0.94B)	\$3.98B	\$84.72B
MDY	SPDR S&P Midcap 400 ETF Trust	(\$0.07B)	\$0.00B	(\$0.17B)	(\$0.41B)	\$21.97B
IWD	iShares Russell 1000 Value ETF	(\$0.05B)	(\$3.37B)	(\$0.51B)	(\$2.92B)	\$56.06B
IWF	iShares Russell 1000 Growth ETF	(\$0.05B)	(\$1.69B)	\$1.14B	\$1.21B	\$89.29B
FVD	First Trust Value Line Dividend Index Fund	(\$0.04B)	(\$0.99B)	(\$1.84B)	(\$2.51B)	\$10.17B
QVMS	Invesco S&P SmallCap 600 QVM Multi-factor ..	(\$0.04B)	(\$0.04B)	(\$0.04B)	(\$0.04B)	\$0.19B
VBR	Vanguard Small Cap Value ETF	(\$0.03B)	\$0.16B	\$0.14B	\$0.07B	\$28.83B

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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)
XLB	Materials Select Sector SPDR Fund	0.00%	24.75%	7.31%	12.36%	75.48
XLE	Energy Select Sector SPDR Fund	0.00%	23.27%	8.95%	9.71%	76.51
XLF	Financial Select Sector SPDR Fund	0.00%	33.93%	5.49%	16.77%	72.17
XLI	Industrial Select Sector SPDR Fund	0.00%	30.61%	5.73%	14.79%	70.79
SPY	SPDR S&P 500 ETF Trust	-0.02%	29.36%	3.82%	13.28%	66.02
XLV	Health Care Select Sector SPDR Fund	-0.09%	19.97%	2.31%	9.22%	63.39
XLC	Communication Services Select Sector SPDR Fund	-0.20%	45.48%	3.24%	15.21%	62.34
XLY	Consumer Discretionary Select Sector SPDR Fund	-0.61%	28.11%	2.72%	7.62%	58.24
XLK	Technology Select Sector SPDR Fund	-1.30%	44.66%	1.44%	13.51%	53.10
XLP	Consumer Staples Select Sector SPDR Fund	-1.47%	15.31%	2.78%	5.80%	65.37
XLRE	Real Estate Select Sector SPDR Fund	-2.40%	22.80%	1.97%	6.02%	56.69
XLU	Utilities Select Sector SPDR Fund	-6.17%	16.84%	5.68%	4.59%	67.97

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	1.45%
FCG	First Trust Natural Gas ETF	1.44%
PXE	Invesco Energy Exploration & Production ETF	1.42%
IEO	iShares U.S. Oil & Gas Exploration & Production ETF	1.34%
XHS	SPDR S&P Health Care Services ETF	1.32%
ENFR	Alerian Energy Infrastructure ETF	1.30%
NETL	NETLease Corporate Real Estate ETF	1.28%
RSPG	Invesco S&P 500 Equal Weight Energy ETF	1.27%
TPYP	Tortoise North American Pipeline Fund	1.25%
FXN	First Trust Energy AlphaDEX Fund	1.24%

Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
FXG	First Trust Consumer Staples AlphaDEX Fund	81.82
IEO	iShares U.S. Oil & Gas Exploration & Production ETF	79.74
FXN	First Trust Energy AlphaDEX Fund	79.50
FTXN	First Trust Nasdaq Oil & Gas ETF	79.21
KBWP	Invesco KBW Property & Casualty Insurance ETF	79.12
RSPG	Invesco S&P 500 Equal Weight Energy ETF	78.86
IAK	iShares U.S. Insurance ETF	78.11
FCG	First Trust Natural Gas ETF	78.08
IYE	iShares U.S. Energy ETF	77.88
MLPX	Global X MLP & Energy Infrastructure ETF	77.07

Sector & Industry 1 Day Performance Laggards

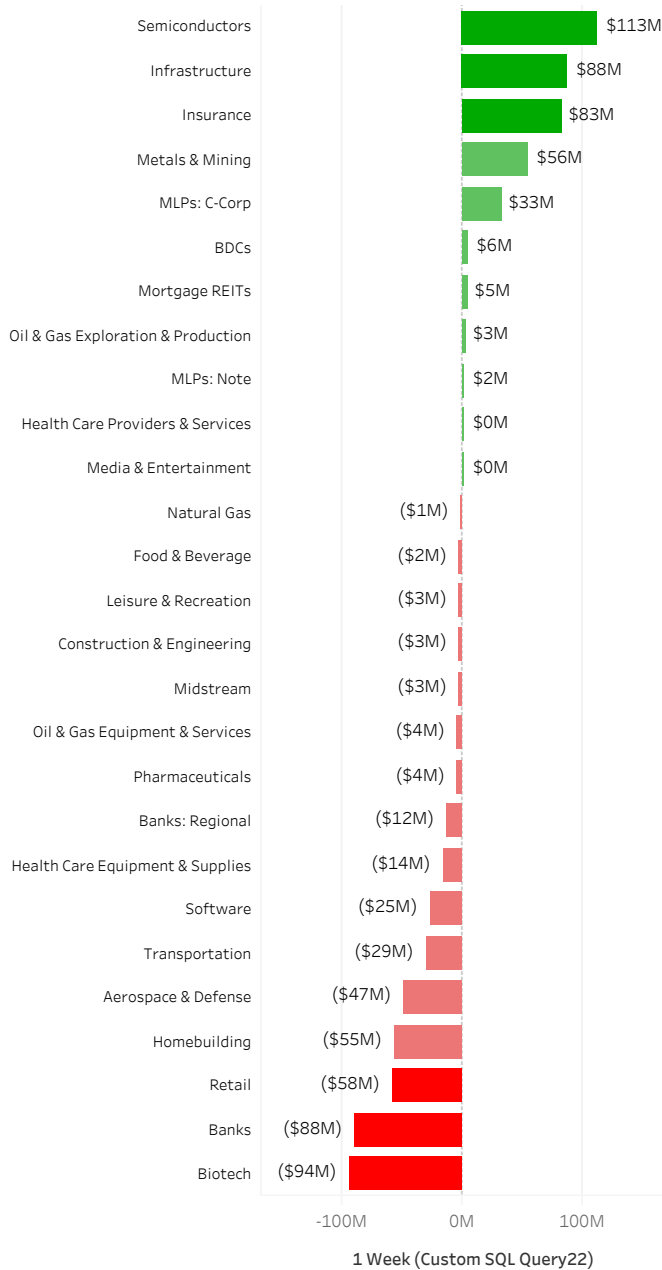
Ticker	Fund	1 Day Performance
PTF	Invesco Dorsey Wright Technology Momentum ETF	-1.59%
PBE	Invesco Biotechnology & Genome ETF	-0.64%
FBT	First Trust NYSE Arca Biotechnology Index Fund	-0.63%
PNQI	Invesco NASDAQ Internet ETF	-0.45%
IBB	iShares Biotechnology ETF	-0.41%
XLY	Consumer Discretionary Select Sector SPDR Fund	-0.31%
PEJ	Invesco Leisure and Entertainment ETF	-0.22%
XLK	Technology Select Sector SPDR Fund	-0.22%
FDN	First Trust Dow Jones Internet Index Fund	-0.21%
IYW	iShares U.S. Technology ETF	-0.21%

Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
PBE	Invesco Biotechnology & Genome ETF	47.43
XTL	SPDR S&P Telecom ETF	48.21
IGV	iShares Expanded Tech-Software Sector ETF	49.44
XBI	SPDR S&P BIOTECH ETF	50.18
IYZ	iShares U.S. Telecommunications ETF	50.28
XPH	SPDR S&P Pharmaceuticals ETF	50.30
IBB	iShares Biotechnology ETF	51.63
FXL	First Trust Technology AlphaDEX Fund	51.77
PTH	Invesco Dorsey Wright Healthcare Momentum ETF	51.83
PSCT	Invesco S&P SmallCap Information Technology ETF	53.03

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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	\$24B	\$45M	(\$203M)	\$1,500M	\$3,724M
Consumer Discretionary	12	\$31B	(\$163M)	\$177M	\$67M	\$2,872M
Consumer Staples	10	\$26B	(\$89M)	(\$938M)	(\$3,540M)	(\$4,112M)
Energy	30	\$77B	\$179M	(\$918M)	(\$1,041M)	(\$3,876M)
Financials	26	\$66B	\$85M	(\$1,632M)	(\$814M)	(\$1,806M)
Health Care	23	\$94B	(\$143M)	\$649M	(\$3,089M)	(\$6,062M)
Industrial	13	\$42B	\$124M	\$1,794M	\$1,454M	\$2,209M
Materials	9	\$13B	\$20M	(\$285M)	(\$920M)	(\$2,925M)
Multi-Sector	16	\$24B	\$22M	\$1,223M	\$907M	\$3,523M
Real Estate	25	\$61B	(\$39M)	\$1,588M	\$3,507M	\$2,474M
Technology	23	\$199B	\$901M	\$6,468M	\$11,650M	\$12,471M
Utilities	9	\$20B	(\$59M)	(\$2,363M)	(\$2,953M)	(\$3,672M)

U.S. Sector & Industry Flow Leaders

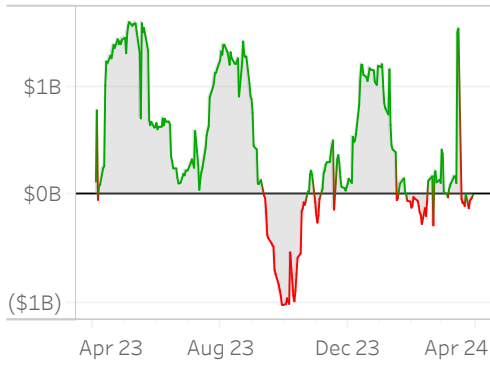
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLK	Technology Select Sector SPDR Fund	\$270M	\$2,123M	\$4,475M	\$4,858M	\$65,486M
FTEC	Fidelity MSCI Information Technology Index ETF	\$234M	\$638M	\$855M	\$1,245M	\$9,658M
VGT	Vanguard Information Technology ETF	\$171M	\$1,733M	\$2,773M	\$2,005M	\$66,064M
XLE	Energy Select Sector SPDR Fund	\$147M	(\$845M)	(\$904M)	(\$2,777M)	\$39,275M
PTF	Invesco Dorsey Wright Technology Momentum ..	\$126M	\$6M	\$126M	\$163M	\$529M
XLI	Industrial Select Sector SPDR Fund	\$124M	\$1,156M	\$416M	\$1,077M	\$18,242M
SOXX	iShares Semiconductor ETF	\$105M	\$797M	\$777M	\$931M	\$12,943M
XLF	Financial Select Sector SPDR Fund	\$90M	\$252M	\$148M	(\$79M)	\$38,219M
VNQ	Vanguard Real Estate ETF	\$85M	\$1,136M	\$408M	\$96M	\$33,763M
PAVE	Global X U.S. Infrastructure Development ETF	\$72M	\$734M	\$689M	\$1,430M	\$7,324M

U.S. Sector & Industry Flow Laggards

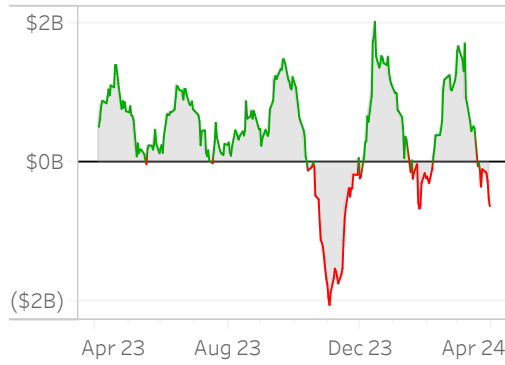
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
IBB	iShares Biotechnology ETF	(\$109M)	\$102M	(\$153M)	(\$788M)	\$7,660M
IYR	iShares U.S. Real Estate ETF	(\$105M)	(\$135M)	\$1,224M	\$710M	\$4,244M
XLY	Consumer Discretionary Select Sector SPDR Fu..	(\$100M)	(\$50M)	\$112M	\$2,268M	\$20,110M
XLP	Consumer Staples Select Sector SPDR Fund	(\$75M)	(\$480M)	(\$2,059M)	(\$1,423M)	\$15,619M
XLU	Utilities Select Sector SPDR Fund	(\$73M)	(\$2,246M)	(\$2,171M)	(\$2,467M)	\$12,265M
RWR	SPDR Dow Jones REIT ETF	(\$59M)	\$14M	\$12M	(\$99M)	\$1,417M
XRT	SPDR S&P Retail ETF	(\$58M)	(\$16M)	(\$25M)	(\$28M)	\$506M
KBWB	Invesco KBW Bank ETF	(\$47M)	(\$241M)	(\$513M)	(\$127M)	\$1,493M
XHB	SPDR S&P Homebuilders ETF	(\$44M)	\$67M	\$301M	\$410M	\$2,069M
KBE	SPDR S&P Bank ETF	(\$41M)	(\$476M)	\$148M	(\$141M)	\$1,551M

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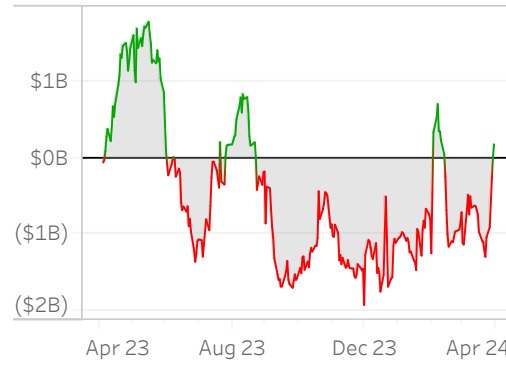
Communication Services



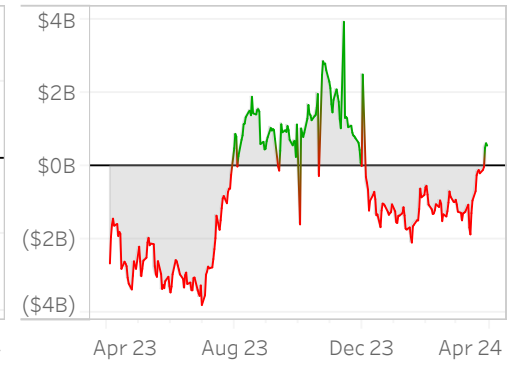
Consumer Discretionary



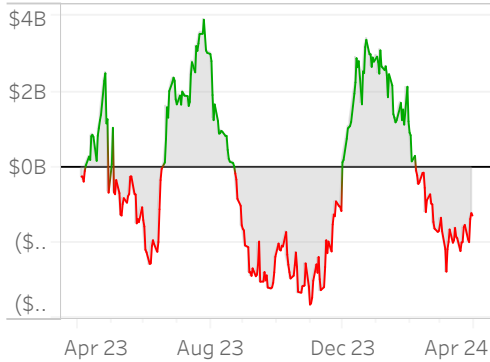
Consumer Staples



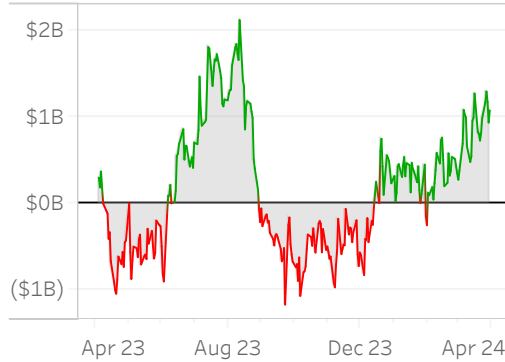
Energy



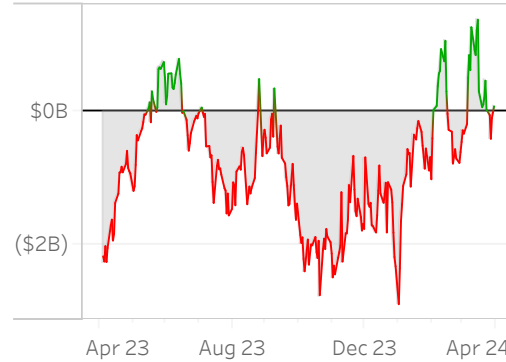
Financials



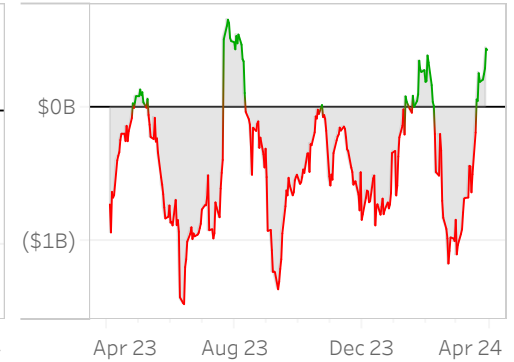
Industrial



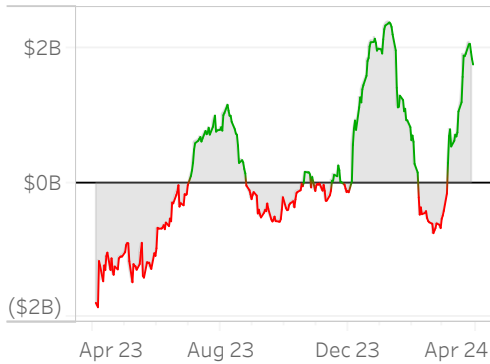
Health Care



Materials



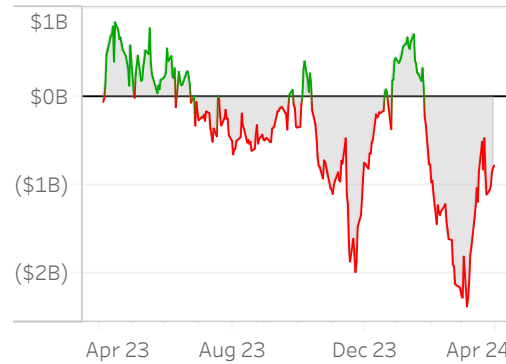
Real Estate



Technology



Utilities

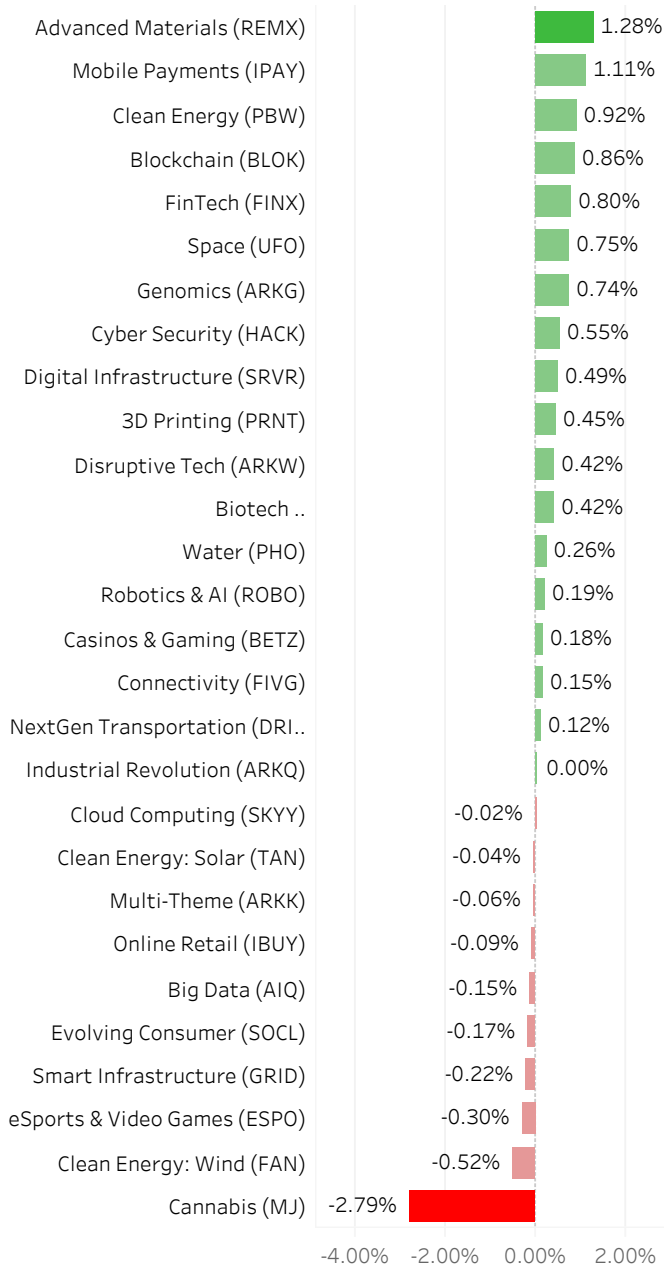


Multi-Sector

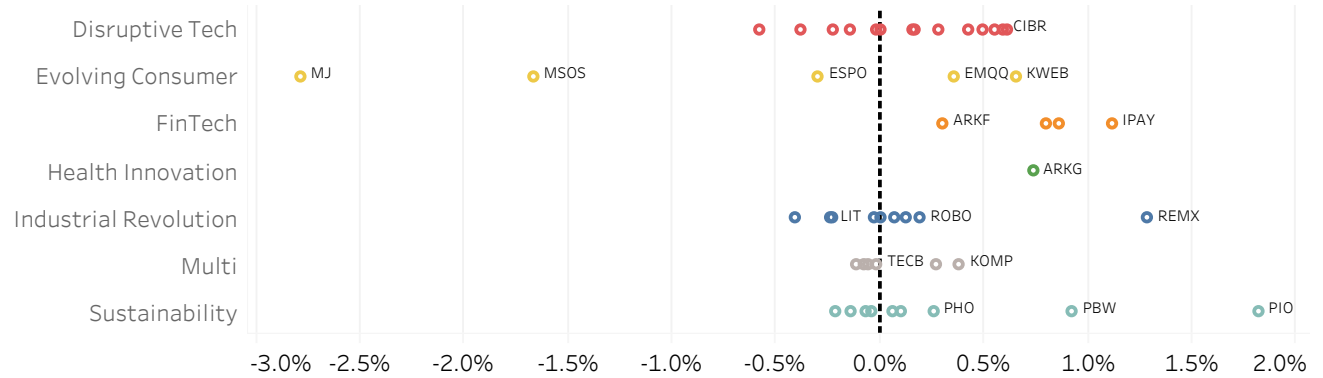


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Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	Performance
BLCN	Siren ETF Trust Siren Nasdaq NexGen Economy ETF	1.84%
PIO	Invesco Global Water ETF	1.82%
CRPT	First Trust SkyBridge Crypto Industry & Digital Economy ..	1.76%
REMX	VanEck Rare Earth/Strategic Metals ETF	1.28%
IPAY	Amplify Mobile Payments ETF	1.11%
FDIG	Fidelity Crypto Industry and Digital Payments ETF	1.06%
PBW	Invesco WilderHill Clean Energy ETF	0.92%
DAPP	VanEck Digital Transformation ETF	0.87%
BLOK	Amplify Transformational Data Sharing ETF	0.86%
ACES	ALPS Clean Energy ETF	0.85%

Thematic Most Overbought

Ticker	Fund	Price
EVX	VanEck Environmental Services ETF	73.94
PIO	Invesco Global Water ETF	70.15
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure ..	69.07
PHO	Invesco Water Resources ETF	68.24
YOLO	AdvisorShares Pure Cannabis ETF	68.01
IPAY	Amplify Mobile Payments ETF	67.55
EBLU	Ecofin Global Water ESG Fund	67.40
FIW	First Trust Water ETF	67.12
AWAY	Amplify Travel Tech ETF	66.40
MJ	Amplify Alternative Harvest ETF	66.32

Global Thematic 1-Day Performance Laggards

Ticker	Fund	Performance
MJ	Amplify Alternative Harvest ETF	-2.79%
MJUS	Amplify U.S. Alternative Harvest ETF	-1.79%
MSOS	AdvisorShares Pure US Cannabis ETF	-1.67%
YOLO	AdvisorShares Pure Cannabis ETF	-0.97%
WGMI	Valkyrie Bitcoin Miners ETF	-0.87%
QTUM	Defiance Quantum ETF	-0.58%
FAN	First Trust Global Wind Energy ETF	-0.52%
GNOM	Global X Genomics & Biotechnology ETF	-0.44%
IDRV	iShares Self-driving EV & Tech ETF	-0.41%
SNSR	Global X Internet of Things ETF	-0.38%

Thematic Most Oversold

Ticker	Fund	Price
KGRN	KraneShares MSCI China Clean Technology Index ETF	43.80
WCBR	WisdomTree Cybersecurity Fund	43.87
ARKG	ARK Genomic Revolution ETF	45.04
IHAK	iShares Cybersecurity & Tech ETF	45.70
SPRX	Spear Alpha ETF	46.20
BUG	Global X Cybersecurity ETF	46.36
GNOM	Global X Genomics & Biotechnology ETF	46.63
SRVR	Pacer Data & Infrastructure Real Estate ETF	46.93
CLOU	Global X Cloud Computing ETF	46.99
PAWZ	ProShares Pet Care ETF	47.00

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Thematic 1 Week Flow Leaders

Ticker	Fund	Flow
BOTZ	Global X Robotics & Artificial Intelligence ETF	\$24M
ARKW	ARK Next Generation Internet ETF	\$21M
IRBO	iShares Robotics and Artificial Intelligence Multisector ETF	\$21M
AIQ	Global X Artificial Intelligence & Technology ETF	\$19M
WGMI	Valkyrie Bitcoin Miners ETF	\$18M
FIW	First Trust Water ETF	\$10M
SOCL	Global X Social Media ETF	\$9M
IHAK	iShares Cybersecurity & Tech ETF	\$7M
CNCR	Range Cancer Therapeutics ETF	\$7M
MSOS	AdvisorShares Pure US Cannabis ETF	\$6M

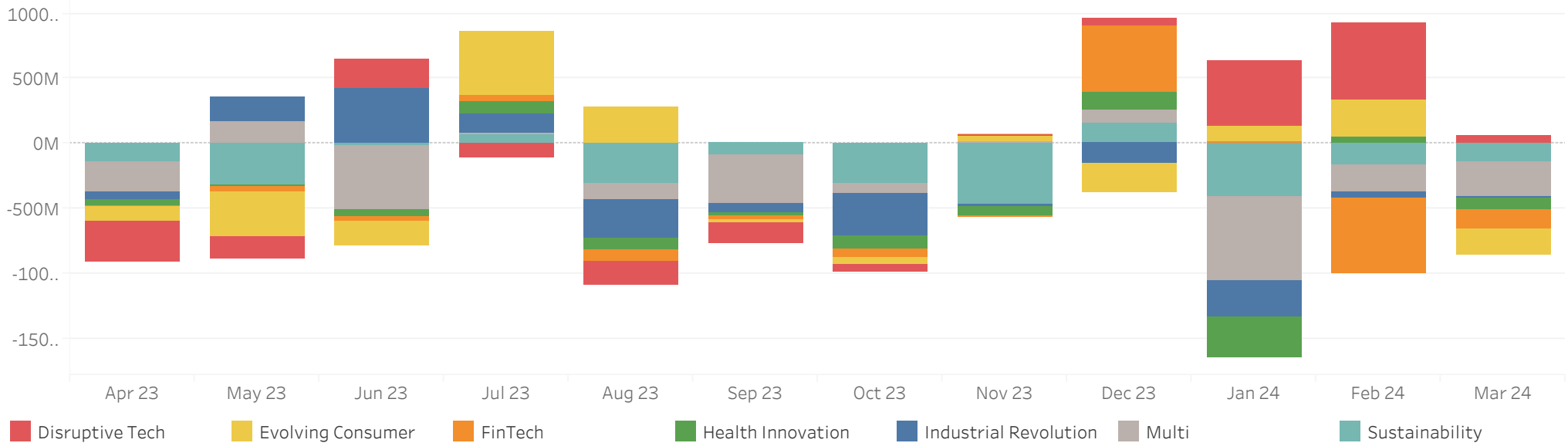
Thematic 1 Week Flow Laggards

Ticker	Fund	Flow
ARKK	ARK Innovation ETF	(\$68M)
KWEB	KraneShares CSI China Internet ETF	(\$44M)
ICLN	iShares Global Clean Energy ETF	(\$32M)
ARKG	ARK Genomic Revolution ETF	(\$30M)
HACK	Amplify Cybersecurity ETF	(\$19M)
XITK	SPDR FactSet Innovative Technology ETF	(\$13M)
IDRV	iShares Self-driving EV & Tech ETF	(\$9M)
IPAY	Amplify Mobile Payments ETF	(\$8M)
ARKQ	ARK Autonomous Technology & Robotics ETF	(\$5M)
SKYY	First Trust Cloud Computing ETF	(\$5M)

Thematic Landscape Assets & Flows

Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	33	\$21B	(\$16M)	\$1,151M	\$1,153M	\$444M
Evolving Consumer	34	\$9B	(\$16M)	\$211M	(\$8M)	\$111M
FinTech	17	\$4B	\$9M	(\$707M)	(\$266M)	(\$455M)
Health Innovation	17	\$2B	(\$22M)	(\$369M)	(\$400M)	(\$517M)
Industrial Revolution	30	\$10B	(\$5M)	(\$334M)	(\$833M)	(\$501M)
Multi	33	\$16B	(\$74M)	(\$1,115M)	(\$1,079M)	(\$2,117M)
Sustainability	39	\$12B	(\$43M)	(\$725M)	(\$1,338M)	(\$2,137M)
Grand Total	203	\$74B	(\$167M)	(\$1,888M)	(\$2,772M)	(\$5,172M)

Thematic Monthly Flows

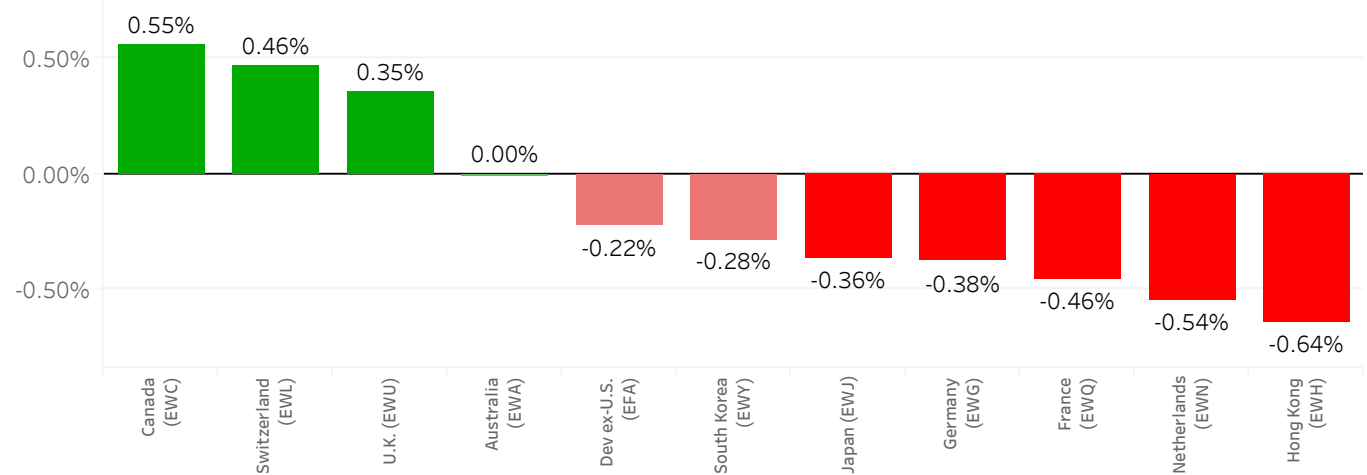


* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

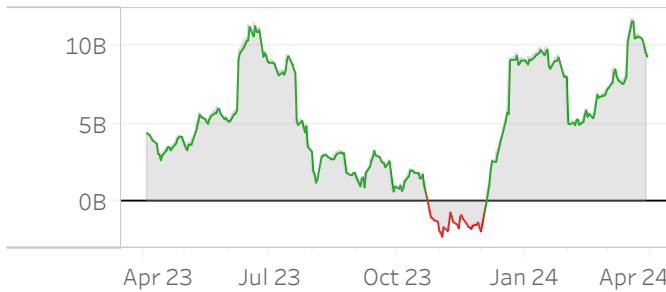
Developed ex-U.S. (EFA)



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



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



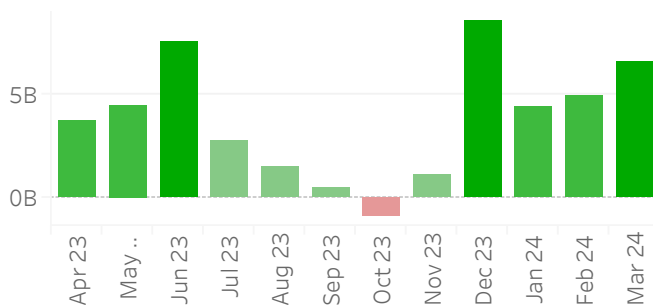
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	Performance
FKU	First Trust United Kingdom AlphaDEX Fund	0.72%
BBCA	JPMorgan BetaBuilders Canada ETF	0.57%
EWC	iShares MSCI Canada ETF	0.55%
EIRL	iShares MSCI Ireland ETF	0.52%
EWL	iShares MSCI Switzerland ETF	0.46%
TTAI	FCF International Quality ETF	0.42%
IMFL	Invesco International Developed Dynamic Multifactor ETF	0.39%
EWU	iShares MSCI United Kingdom ETF	0.35%
FDD	First Trust Stoxx European Select Dividend Index Fund	0.35%
FLCA	Franklin FTSE Canada ETF Franklin FTSE Canada Fund	0.35%

Developed ex-U.S. Most Overbought

Ticker	Fund	Value
DBEU	Xtrackers MSCI Europe Hedged Equity ETF	78.64
HEZU	iShares Currency Hedged MSCI Eurozone ETF	78.47
LVHI	Franklin International Low Volatility High Dividend Index ..	77.48
HEFA	iShares Currency Hedged MSCI EAFE ETF	76.01
DFIV	Dimensional International Value ETF	75.73
DBEF	Xtrackers MSCI EAFE Hedged Equity ETF	75.03
HEDJ	WisdomTree Europe Hedged Equity Fund	73.73
HSCZ	iShares Currency Hedged MSCI EAFE Small-Cap ETF	73.60
IDMO	Invesco S&P International Developed Momentum ETF	73.31
EWP	iShares MSCI Spain ETF	73.18

Developed ex-U.S. Monthly Flows



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

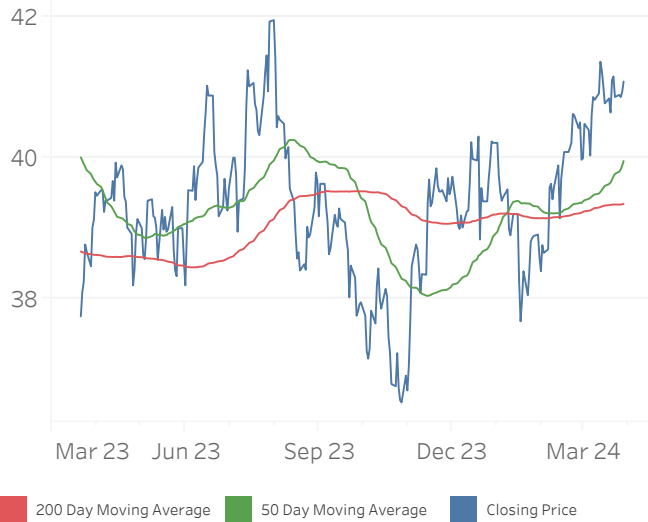
Ticker	Fund	Performance
EWD	iShares MSCI Sweden ETF	-1.65%
EWS	iShares MSCI Singapore ETF	-1.29%
DFJ	WisdomTree Japan SmallCap Dividend Fund	-1.01%
DXJS	WisdomTree Japan Hedged SmallCap Equity Fund	-0.92%
SCJ	iShares MSCI Japan Small-Cap ETF	-0.91%
DMXF	iShares ESG Advanced MSCI EAFE ETF	-0.74%
IMOM	Alpha Architect International Quantitative Momentum ETF	-0.68%
EWH	iShares MSCI Hong Kong ETF	-0.64%
PIZ	Invesco Dorsey Wright Developed Markets Momentum ETF	-0.63%
FEP	First Trust Europe AlphaDEX Fund	-0.61%

Developed ex-U.S. Most Oversold

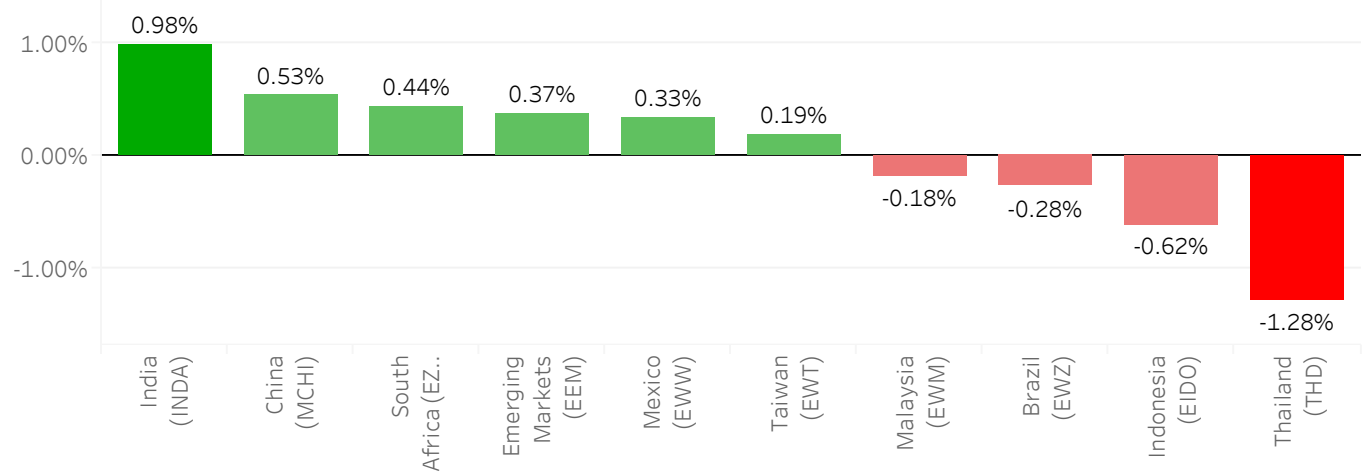
Ticker	Fund	Value
EWH	iShares MSCI Hong Kong ETF	34.19
GREK	Global X MSCI Greece ETF	46.58
EWD	iShares MSCI Sweden ETF	48.81
ENZL	iShares MSCI New Zealand ETF	49.15
BBAX	JPMorgan BetaBuilders Developed Asia Pacific ex-Ja..	50.11
EWL	iShares MSCI Switzerland ETF	50.94
TTAI	FCF International Quality ETF	51.08
IDLV	Invesco S&P International Developed Low Volatility ..	51.25
FSZ	First Trust Switzerland AlphaDEX Fund	51.79
BKCI	BNY Mellon Concentrated International ETF	51.82

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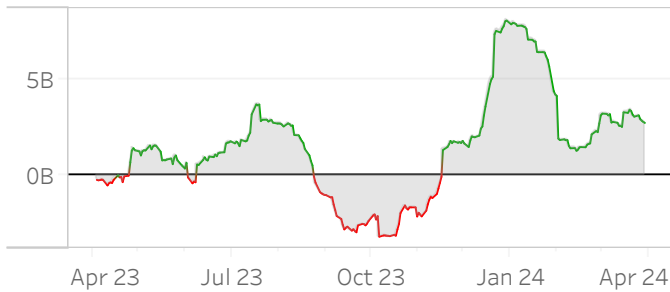
Emerging (EEM)



Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



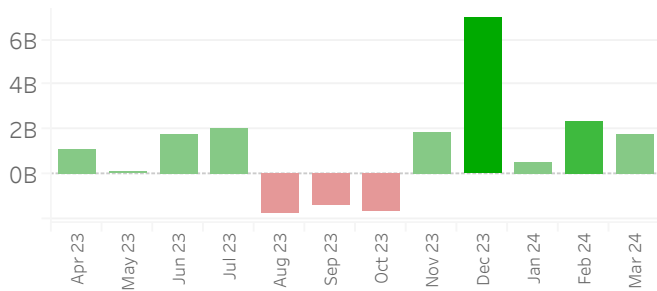
Emerging 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
TUR	iShares MSCI Turkey ETF	2.63%
GLIN	VanEck India Growth Leaders ETF	2.17%
NFTY	First Trust India NIFTY 50 Equal Weight ETF	1.86%
EPOL	iShares MSCI Poland ETF	1.59%
EPU	iShares MSCI Peru and Global Exposure ETF	1.33%
DGRE	WisdomTree Emerging Markets Quality Dividend Growth	1.30%
FXI	iShares China Large-Cap ETF	1.09%
PIN	Invesco India ETF	1.02%
FLIN	Franklin FTSE India ETF	1.01%
INDA	iShares MSCI India ETF	0.98%

Emerging Most Overbought

Ticker	Fund	Value
FM	iShares Frontier and Select EM ETF	83.34
EPU	iShares MSCI Peru and Global Exposure ETF	68.00
EWW	iShares MSCI Mexico ETF	67.63
FRDM	Freedom 100 Emerging Markets ETF	64.24
MEM	Matthews Emerging Markets Equity Active ETF	63.66
VNM	VanEck Vietnam ETF	63.43
DBEM	Xtrackers MSCI Emerging Markets Hedged Equity ETF	63.19
FLTW	Franklin FTSE Taiwan ETF Franklin FTSE Taiwan Fund	63.19
HEEM	iShares Currency Hedged MSCI Emerging Markets ETF	63.00
ARGT	Global X MSCI Argentina ETF	62.20

Emerging Monthly Flows



Emerging 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
THD	iShares MSCI Thailand ETF	-1.28%
EIDO	iShares MSCI Indonesia ETF	-0.62%
EWZS	iShares MSCI Brazil Small-Cap ETF	-0.62%
NUEM	Nuveen ESG Emerging Markets Equity ETF	-0.61%
DVYE	iShares Emerging Markets Dividend ETF	-0.30%
EWZ	iShares MSCI Brazil ETF	-0.28%
FLBR	Franklin FTSE Brazil ETF Franklin FTSE Brazil Fund	-0.23%
EWM	iShares MSCI Malaysia ETF	-0.18%
FEMS	First Trust Emerging Markets Small Cap AlphaDEX Fund	-0.18%
EELV	Invesco S&P Emerging Markets Low Volatility ETF	-0.17%

Emerging Most Oversold

Ticker	Fund	Value
THD	iShares MSCI Thailand ETF	36.17
QAT	iShares MSCI Qatar ETF	41.75
DVYE	iShares Emerging Markets Dividend ETF	44.73
EIDO	iShares MSCI Indonesia ETF	46.60
FEM	First Trust Emerging Markets AlphaDEX Fund	46.84
EWZ	iShares MSCI Brazil ETF	46.96
PGJ	Invesco Golden Dragon China ETF	47.58
KSA	iShares MSCI Saudi Arabia ETF	47.64
CNYA	iShares MSCI China A ETF	47.93
FEMS	First Trust Emerging Markets Small Cap AlphaDEX F..	48.11

* 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	-0.12%	0.90%	-0.74%
SHY	1-3 Year Treasury Bonds	-0.06%	0.34%	0.27%
IEF	7-10 Year Treasury Bonds	-0.09%	0.73%	-1.30%
TLT	20+ Year Treasury Bonds	-0.08%	0.78%	-3.71%
TIP	TIPS Bonds	0.04%	0.65%	-0.07%
FLOT	Floating Rate Bonds	-0.04%	0.47%	1.87%
LQD	Investment Grade Corporate	-0.09%	1.54%	-0.87%
HYG	High Yield Corporate	-0.22%	1.09%	1.51%
BKLN	Senior Loan	0.19%	0.84%	1.87%
PFF	Preferred & Income Securities	-0.56%	0.69%	4.46%
MUB	Municipal Bonds	-0.08%	-0.09%	-0.26%
MBB	MBS	-0.28%	0.87%	-1.14%
EMB	Dollar Denominated EM Bonds	-0.46%	1.99%	1.54%
LEMB	Local Currency EM Bond	-0.14%	-0.26%	-1.76%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	1.20%	3.87%	2.34%
DBE	Energy	0.98%	4.22%	7.97%
USO	WTI Crude Oil	1.57%	7.32%	18.12%
BNO	Brent Crude Oil	1.40%	7.33%	16.84%
UNG	Natural Gas	1.53%	-11.91%	-28.16%
UGA	Gasoline	1.49%	6.26%	16.85%
DBP	Precious Metals	1.50%	8.92%	7.21%
GLD	Gold	1.29%	8.67%	7.61%
SLV	Silver	1.07%	9.74%	4.45%
PPLT	abrdrn Physical Platin..	1.10%	3.22%	-8.35%
PALL	abrdrn Physical Palla..	2.63%	7.63%	-7.49%
DBB	Base Metals	0.56%	3.58%	-1.86%
CPER	Copper	0.28%	5.15%	4.06%
DBA	Agriculture	0.36%	11.63%	19.38%
CORN	Corn	3.28%	3.17%	-6.44%
SOYB	Soybeans	0.72%	5.19%	-6.67%
WEAT	Wheat	1.88%	0.37%	-9.38%
CANE	Sugar	1.20%	2.27%	8.83%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	0.28%	1.00%	4.72%
UDN	Short Dollar	-0.17%	-0.11%	-2.39%
FXE	Euro	-0.34%	0.03%	-1.71%
FXB	British Pound Sterling	-0.13%	0.26%	-0.19%
FXF	Swiss Franc	0.34%	-1.92%	-6.70%
FXJ	Japanese Yen	-0.03%	-0.89%	-6.96%
FXC	Canadian Dollar	0.28%	0.47%	-1.47%
FXA	Australian Dollar	-0.24%	0.36%	-4.00%

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Contact us at:

team@etfaction.com

www.etfaction.com