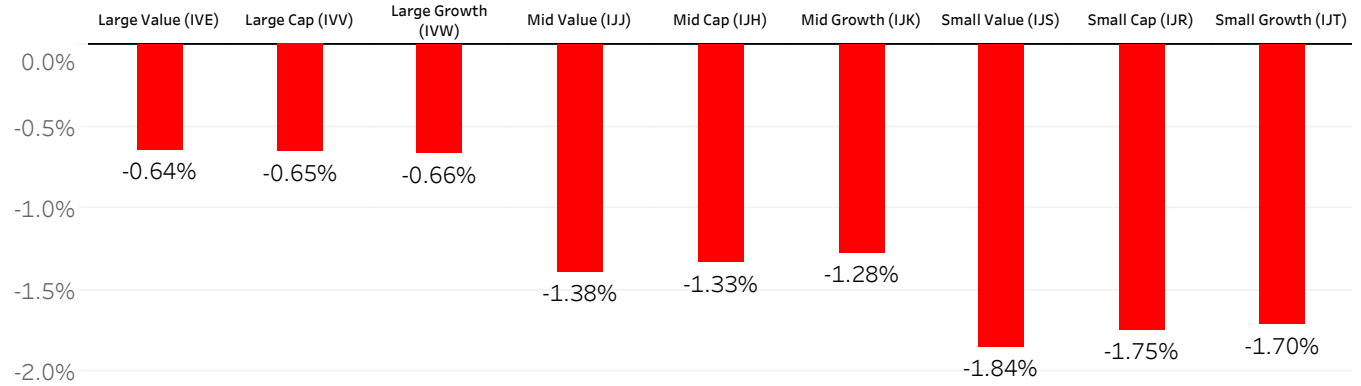


Large Cap Blend (S&P 500) IVV



U.S. Size & Style 1-Day Performance



Mid Cap Blend (S&P 400) IJH



Size & Style 1-Day Performance Leaders

Ticker	Fund	Performance
HDV	iShares Core High Dividend ETF	0.14%
RUFF	Alpha Dog ETF	0.03%
SPC	CrossingBridge Pre-Merger SPAC ETF	0.00%
CDC	VictoryShares US EQ Income Enhanced Volatility Wtd ETF	-0.07%
FDL	First Trust Morningstar Dividend Leaders Index Fund	-0.08%
TPHD	Timothy Plan High Dividend Stock ETF	-0.10%
DIV	Global X SuperDividend US ETF	-0.12%
CDL	VictoryShares US Large Cap High Dividend Volatility Wtd..	-0.15%
SPHD	Invesco S&P 500 High Dividend Low Volatility ETF	-0.16%
TPHE	Timothy Plan High Dividend Stock Enhanced ETF	-0.17%

Size & Style Most Overbought

Ticker	Fund	Value
PWV	Invesco Large Cap Value ETF	76.11
SPVU	Invesco S&P 500 Enhanced Value ETF	72.40
COWZ	Pacer US Cash Cows 100 ETF	71.78
DIVZ	Opal Dividend Income ETF	71.11
HDV	iShares Core High Dividend ETF	70.60
ABEQ	Absolute Select Value ETF	70.36
TPHE	Timothy Plan High Dividend Stock Enhanced ETF	69.52
TPHD	Timothy Plan High Dividend Stock ETF	68.21
CDL	VictoryShares US Large Cap High Dividend Volatility Wtd ..	67.72
CDC	VictoryShares US EQ Income Enhanced Volatility Wtd ETF	67.36

Small Cap Blend (S&P 600) IJR



Size & Style 1-Day Performance Laggards

Ticker	Fund	Performance
DWAS	Invesco Dorsey Wright SmallCap Momentum ETF	-2.06%
RZV	Invesco S&P Smallcap 600 Pure Value ETF	-2.00%
TMFS	Motley Fool Small-Cap Growth ETF	-1.99%
IWO	iShares Russell 2000 Growth ETF	-1.98%
IWC	iShares Micro-Cap ETF	-1.97%
CALF	Pacer US Small Cap Cash Cows 100 ETF	-1.97%
BBSC	JPMorgan BetaBuilders U.S. Small Cap Equity Fund JPM..	-1.94%
FYC	First Trust Small Cap Growth AlphaDEX Fund	-1.93%
VTWG	Vanguard Russell 2000 Growth ETF	-1.93%
QMOM	Alpha Architect U.S. Quantitative Momentum ETF	-1.93%

Size & Style Most Oversold

Ticker	Fund	Value
XSLV	Invesco S&P SmallCap Low Volatility ETF	44.53
NUMG	Nuveen ESG Mid-Cap Growth ETF	44.72
DWAS	Invesco Dorsey Wright SmallCap Momentum ETF	45.56
QQXT	First Trust Nasdaq-100 Ex-Technology Sector Index ..	45.98
AIEQ	Amplify AI Powered Equity ETF	46.26
FFTY	Innovator IBD 50 ETF	46.85
SMLV	SPDR SSGA US Small Cap Low Volatility Index ETF	46.93
SLYV	SPDR S&P 600 Small Cap Value ETF	47.27
IJS	iShares S&P Small-Cap 600 Value ETF	47.35
VIOV	Vanguard S&P Small-Cap 600 Value ETF	47.59

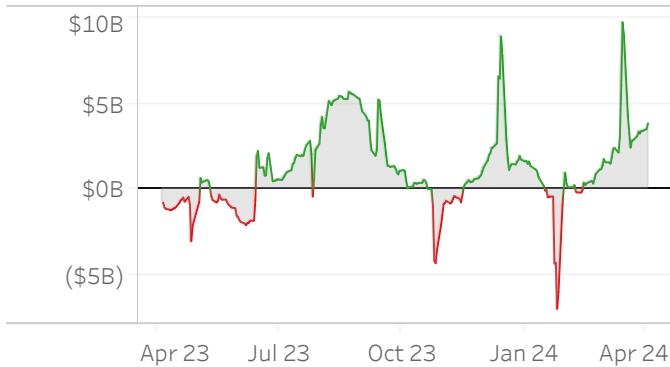
■ Closing Price ■ 50 Day Moving Average ■ 200 Day Moving Average

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

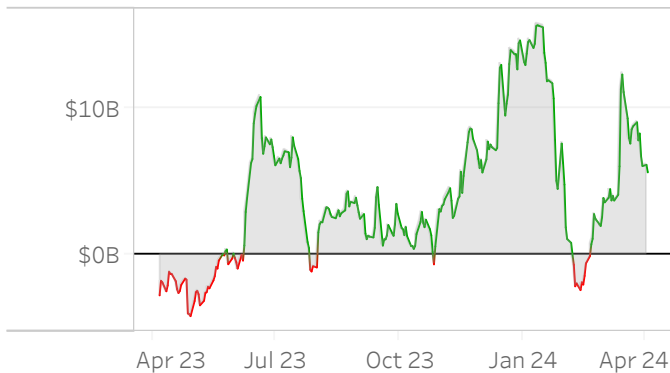
Large-Cap 30-Day Rolling Flows



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	\$1,887B	\$0.30B	\$43.38B	\$135.42B	\$209.52B
Large Cap, Beta, Beta: Growth	10	\$365B	\$0.39B	\$8.77B	\$18.58B	\$24.68B
Large Cap, Beta, Beta: Value	11	\$264B	(\$0.36B)	\$2.34B	\$8.13B	\$4.65B
Mid Cap, Beta, Beta	10	\$231B	\$0.11B	\$2.83B	\$2.22B	\$9.10B
Mid Cap, Beta, Beta: Growth	6	\$44B	\$0.35B	\$1.01B	\$1.97B	\$2.61B
Mid Cap, Beta, Beta: Value	6	\$42B	(\$0.02B)	(\$1.28B)	(\$1.50B)	(\$2.89B)
Small Cap, Beta, Beta	11	\$242B	\$0.37B	\$0.20B	\$13.70B	\$21.98B
Small Cap, Beta, Beta: Growth	7	\$40B	(\$0.04B)	\$1.04B	\$2.20B	\$2.81B
Small Cap, Beta, Beta: Value	7	\$55B	\$0.02B	(\$0.78B)	\$0.44B	(\$1.24B)

U.S. Size & Style Flow Leaders

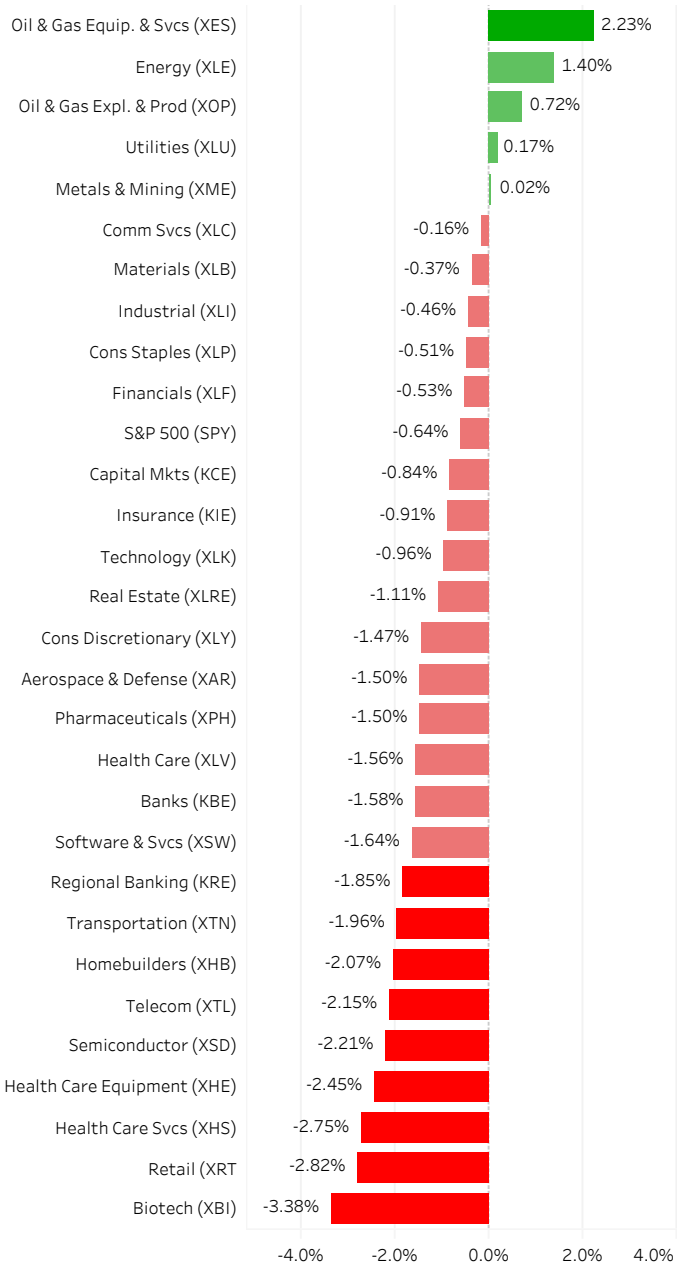
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
VTI	Vanguard Total Stock Market ETF	\$0.87B	\$7.99B	\$15.58B	\$26.85B	\$388.84B
VOO	Vanguard S&P 500 ETF	\$0.37B	\$25.07B	\$36.59B	\$61.86B	\$435.35B
VTWO	Vanguard Russell 2000 ETF	\$0.31B	\$1.37B	\$2.21B	\$2.48B	\$9.59B
IJK	iShares S&P Mid-Cap 400 Growth ETF	\$0.30B	\$0.27B	\$0.40B	\$0.33B	\$9.69B
JEPQ	JPMorgan NASDAQ Equity Premium Income E..	\$0.24B	\$2.77B	\$5.16B	\$8.65B	\$11.99B
RSP	Invesco S&P 500 Equal Weight ETF	\$0.24B	\$0.90B	\$5.75B	\$13.17B	\$54.33B
QQQM	Invesco NASDAQ 100 ETF	\$0.23B	\$2.73B	\$4.88B	\$9.23B	\$23.12B
IVV	iShares Core S&P 500 ETF	\$0.22B	\$12.62B	\$31.54B	\$54.37B	\$453.17B
COWZ	Pacer US Cash Cows 100 ETF	\$0.21B	\$2.02B	\$4.36B	\$5.95B	\$22.74B
SPLG	SPDR Portfolio S&P 500 ETF	\$0.20B	\$4.90B	\$8.82B	\$11.85B	\$33.57B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
MTUM	iShares MSCI USA Momentum Factor ETF	(\$0.25B)	\$0.15B	(\$0.57B)	(\$2.36B)	\$10.21B
DWAS	Invesco Dorsey Wright SmallCap Momentum ..	(\$0.23B)	\$0.10B	\$0.11B	\$0.23B	\$0.92B
IWD	iShares Russell 1000 Value ETF	(\$0.21B)	(\$2.95B)	(\$0.64B)	(\$3.09B)	\$55.86B
IWM	iShares Russell 2000 ETF	(\$0.21B)	(\$5.79B)	\$3.64B	\$5.86B	\$64.49B
IWY	iShares Russell Top 200 Growth ETF	(\$0.18B)	\$0.56B	\$1.53B	\$1.40B	\$10.03B
IVE	iShares S&P 500 Value ETF	(\$0.17B)	\$3.88B	\$4.21B	\$3.30B	\$33.39B
PDP	Invesco Dorsey Wright Momentum ETF	(\$0.16B)	(\$0.02B)	(\$0.08B)	(\$0.07B)	\$1.27B
IJH	iShares Core S&P Mid-Cap ETF	(\$0.09B)	\$0.95B	(\$1.06B)	\$3.80B	\$84.37B
DVY	iShares Select Dividend ETF	(\$0.05B)	(\$0.85B)	(\$1.48B)	(\$3.57B)	\$18.82B
AVUV	Avantis U.S. Small Cap Value ETF	(\$0.05B)	\$1.34B	\$2.49B	\$3.53B	\$10.80B

* 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	0.00%	25.92%	10.15%	11.74%	81.49
XLC	Communication Services Select Sector SPDR Fund	-0.16%	46.37%	3.34%	15.47%	64.67
XLB	Materials Select Sector SPDR Fund	-0.60%	24.00%	5.92%	11.44%	68.72
SPY	SPDR S&P 500 ETF Trust	-0.83%	28.31%	2.52%	12.05%	57.40
XLF	Financial Select Sector SPDR Fund	-1.07%	32.50%	3.77%	15.09%	61.72
XLI	Industrial Select Sector SPDR Fund	-1.23%	29.00%	3.80%	13.06%	59.42
XLK	Technology Select Sector SPDR Fund	-1.98%	43.67%	0.53%	12.37%	48.87
XLV	Health Care Select Sector SPDR Fund	-2.48%	17.09%	-0.40%	6.43%	42.01
XLP	Consumer Staples Select Sector SPDR Fund	-2.76%	13.80%	1.13%	4.37%	50.25
XLY	Consumer Discretionary Select Sector SPDR Fund	-2.81%	25.15%	0.19%	5.09%	45.39
XLRE	Real Estate Select Sector SPDR Fund	-5.16%	19.32%	-0.94%	2.92%	42.94
XLU	Utilities Select Sector SPDR Fund	-6.59%	16.32%	4.75%	4.13%	64.35

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
XES	SPDR S&P Oil & Gas Equipment & Services ETF	2.23%
PXI	Invesco Dorsey Wright Energy Momentum ETF	1.59%
IEO	iShares U.S. Oil & Gas Exploration & Production ETF	1.56%
PXJ	Invesco Oil & Gas Services ETF	1.47%
XLE	Energy Select Sector SPDR Fund	1.40%
IEZ	iShares U.S. Oil Equipment & Services ETF	1.35%
VDE	Vanguard Energy ETF	1.33%
IYE	iShares U.S. Energy ETF	1.31%
FENY	Fidelity MSCI Energy Index ETF	1.30%
PSCE	Invesco S&P SmallCap Energy ETF	1.25%

Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
IEO	iShares U.S. Oil & Gas Exploration & Production ETF	84.12
FTXN	First Trust Nasdaq Oil & Gas ETF	83.22
RSPG	Invesco S&P 500 Equal Weight Energy ETF	82.74
FXN	First Trust Energy AlphaDEX Fund	82.70
IYE	iShares U.S. Energy ETF	82.40
FENY	Fidelity MSCI Energy Index ETF	81.68
XLE	Energy Select Sector SPDR Fund	81.49
FCG	First Trust Natural Gas ETF	80.45
VDE	Vanguard Energy ETF	80.05
PXE	Invesco Energy Exploration & Production ETF	79.44

Sector & Industry 1 Day Performance Laggards

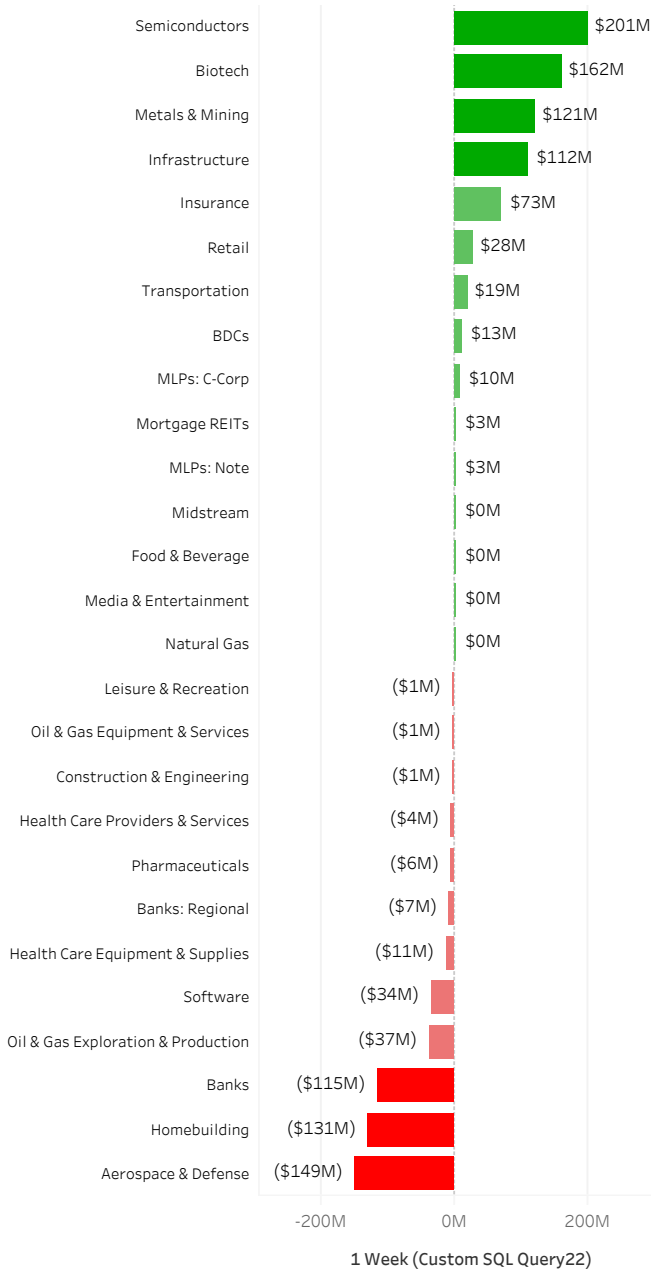
Ticker	Fund	1 Day Performance
IHF	iShares U.S. Healthcare Providers ETF	-4.26%
XBI	SPDR S&P BIOTECH ETF	-3.38%
ITB	iShares U.S. Home Construction ETF	-2.85%
XRT	SPDR S&P Retail ETF	-2.82%
PEZ	Invesco Dorsey Wright Consumer Cyclical Momentum	-2.80%
XHS	SPDR S&P Health Care Services ETF	-2.75%
XHE	SPDR S&P Health Care Equipment ETF	-2.45%
PTH	Invesco Dorsey Wright Healthcare Momentum ETF	-2.42%
PSCH	Invesco S&P SmallCap Health Care ETF	-2.31%
FXD	First Trust Consumer Discretionary AlphaDEX Fund	-2.26%

Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
IHF	iShares U.S. Healthcare Providers ETF	32.73
XTL	SPDR S&P Telecom ETF	36.67
PBE	Invesco Biotechnology & Genome ETF	36.86
XBI	SPDR S&P BIOTECH ETF	38.40
IBB	iShares Biotechnology ETF	39.09
XPH	SPDR S&P Pharmaceuticals ETF	39.55
IYZ	iShares U.S. Telecommunications ETF	39.98
PSCC	Invesco S&P SmallCap Consumer Staples ETF	40.07
FHLC	Fidelity MSCI Health Care Index ETF	41.42
VHT	Vanguard Health Care ETF	41.55

* 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	\$24B	\$247M	\$145M	\$1,636M	\$3,709M
Consumer Discretionary	12	\$31B	(\$3M)	\$416M	\$356M	\$2,866M
Consumer Staples	10	\$26B	\$127M	(\$812M)	(\$3,371M)	(\$3,981M)
Energy	30	\$79B	(\$89M)	(\$511M)	(\$1,025M)	(\$3,804M)
Financials	26	\$66B	\$180M	(\$1,541M)	(\$848M)	(\$1,724M)
Health Care	23	\$93B	(\$223M)	\$25M	(\$3,013M)	(\$6,125M)
Industrial	13	\$42B	\$137M	\$2,106M	\$1,816M	\$2,469M
Materials	9	\$13B	\$168M	\$136M	(\$694M)	(\$2,721M)
Multi-Sector	16	\$24B	(\$22M)	\$1,343M	\$1,160M	\$3,505M
Real Estate	25	\$61B	\$1M	\$1,434M	\$3,660M	\$2,565M
Technology	23	\$199B	\$312M	\$6,643M	\$11,567M	\$12,322M
Utilities	9	\$20B	(\$37M)	(\$2,309M)	(\$3,281M)	(\$3,691M)

U.S. Sector & Industry Flow Leaders

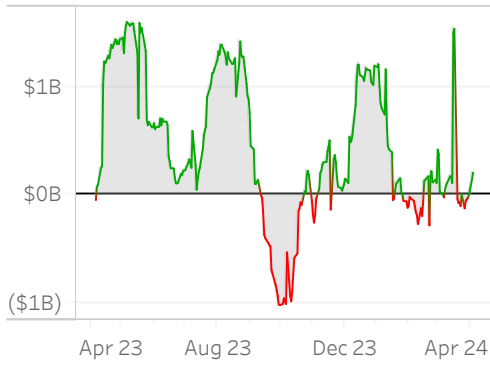
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLF	Financial Select Sector SPDR Fund	\$282M	\$527M	\$43M	\$186M	\$38,407M
FXR	First Trust Industrials/Producer Durables Alph..	\$271M	\$295M	\$184M	\$158M	\$2,235M
SOXX	iShares Semiconductor ETF	\$215M	\$580M	\$633M	\$717M	\$12,899M
XLC	Communication Services Select Sector SPDR Fu..	\$200M	\$27M	\$1,629M	\$3,287M	\$18,372M
XBI	SPDR S&P BIOTECH ETF	\$196M	\$218M	\$466M	(\$296M)	\$7,554M
XLP	Consumer Staples Select Sector SPDR Fund	\$132M	(\$356M)	(\$1,931M)	(\$1,328M)	\$15,651M
XME	SPDR S&P Metals & Mining ETF	\$121M	(\$104M)	(\$40M)	(\$503M)	\$1,925M
VGT	Vanguard Information Technology ETF	\$119M	\$1,733M	\$2,959M	\$2,045M	\$66,113M
PAVE	Global X U.S. Infrastructure Development ETF	\$109M	\$839M	\$783M	\$1,536M	\$7,390M
XLK	Technology Select Sector SPDR Fund	\$94M	\$2,313M	\$4,572M	\$4,988M	\$65,615M

U.S. Sector & Industry Flow Laggards

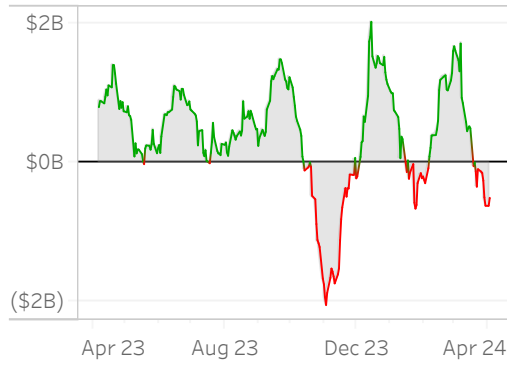
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLV	Health Care Select Sector SPDR Fund	(\$266M)	(\$51M)	(\$2,014M)	(\$2,440M)	\$40,760M
PPA	Invesco Aerospace & Defense ETF	(\$129M)	\$127M	\$496M	\$583M	\$3,004M
PTF	Invesco Dorsey Wright Technology Momentum ..	(\$124M)	(\$5M)	\$2M	\$89M	\$398M
XLE	Energy Select Sector SPDR Fund	(\$114M)	(\$521M)	(\$834M)	(\$2,744M)	\$40,078M
FHLC	Fidelity MSCI Health Care Index ETF	(\$112M)	(\$126M)	(\$213M)	(\$247M)	\$3,120M
ITB	iShares U.S. Home Construction ETF	(\$103M)	\$418M	\$474M	\$484M	\$3,184M
XLU	Utilities Select Sector SPDR Fund	(\$92M)	(\$2,239M)	(\$2,535M)	(\$2,538M)	\$12,177M
KCE	SPDR S&P Capital Markets ETF	(\$82M)	(\$60M)	(\$147M)	\$55M	\$241M
KBE	SPDR S&P Bank ETF	(\$75M)	(\$575M)	\$102M	(\$214M)	\$1,458M
XLI	Industrial Select Sector SPDR Fund	(\$51M)	\$999M	\$412M	\$1,032M	\$18,123M

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

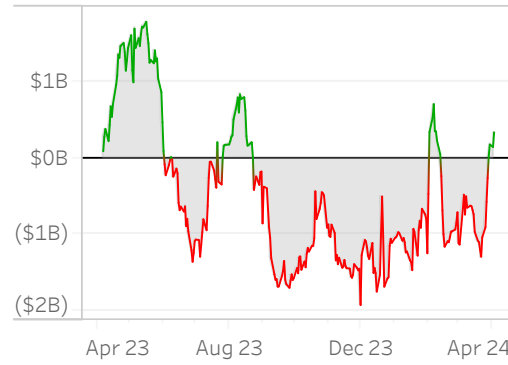
Communication Services



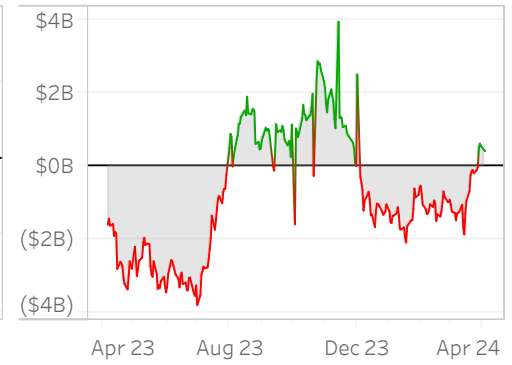
Consumer Discretionary



Consumer Staples



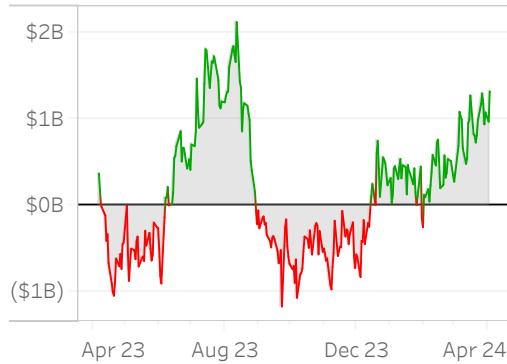
Energy



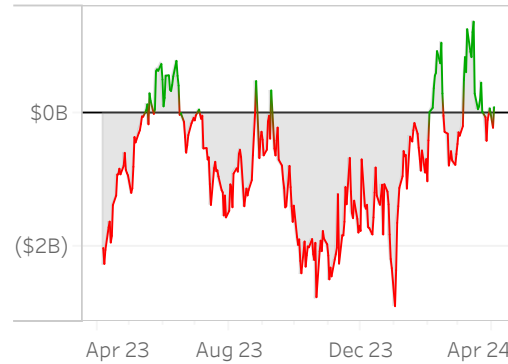
Financials



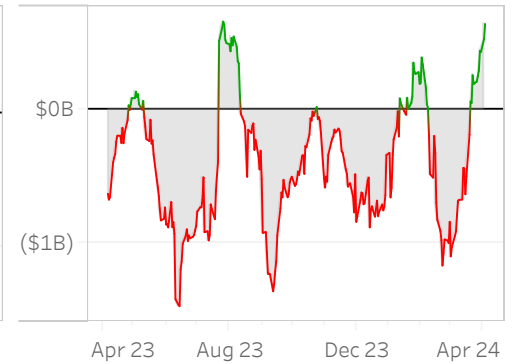
Industrial



Health Care



Materials



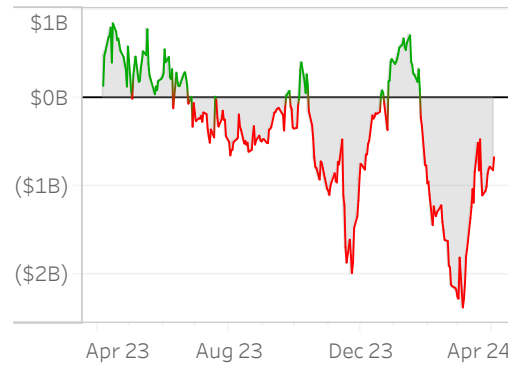
Real Estate



Technology



Utilities

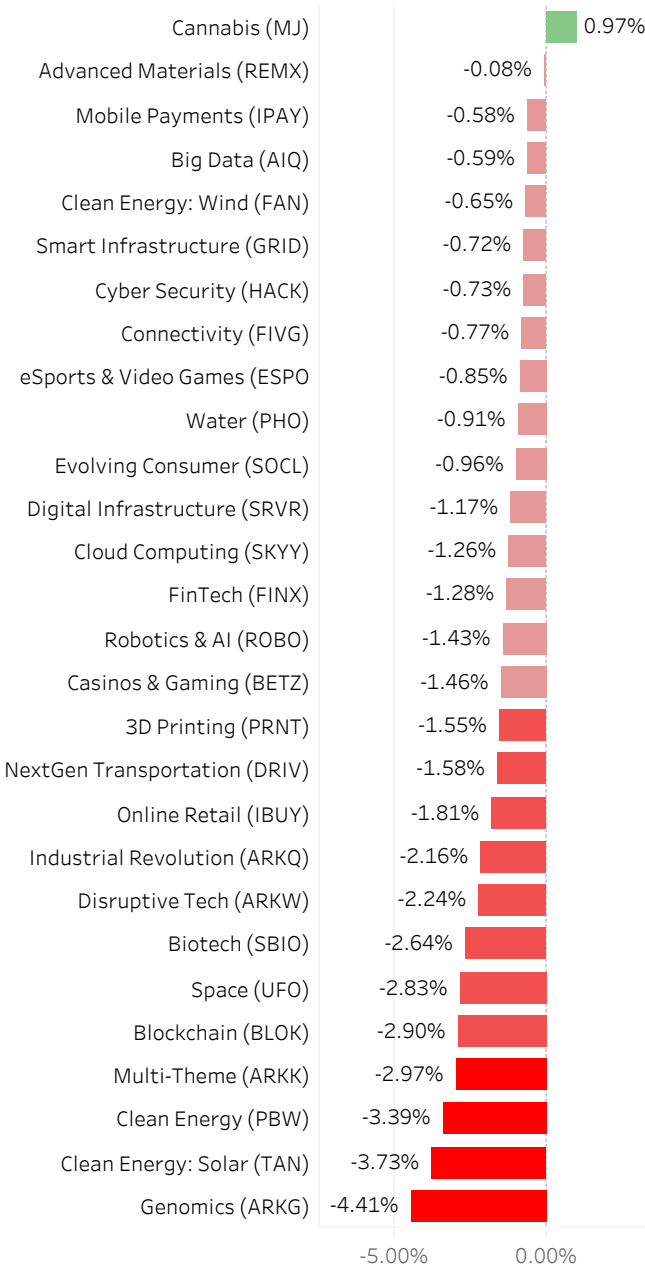


Multi-Sector

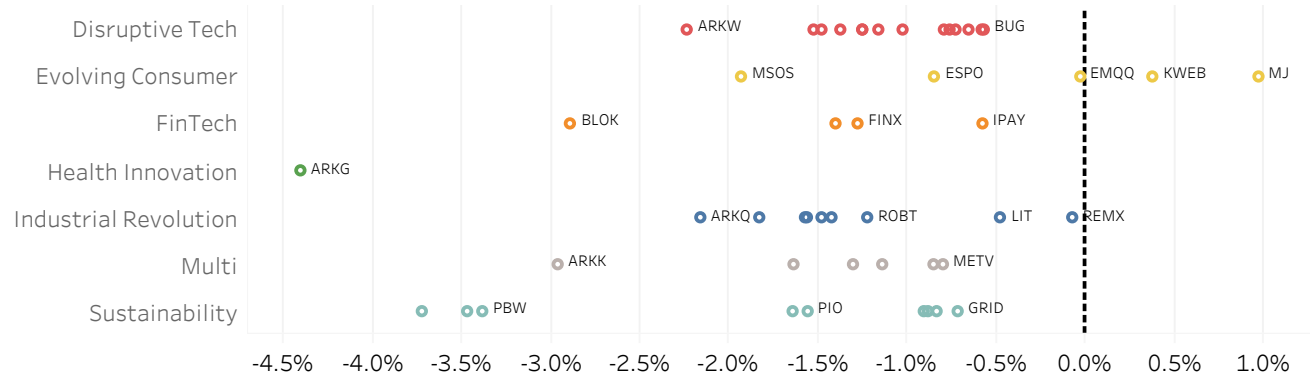


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Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
MJ	Amplify Alternative Harvest ETF	0.97%
YOLO	AdvisorShares Pure Cannabis ETF	0.73%
KWEB	KraneShares CSI China Internet ETF	0.37%
EMQQ	EMQQ The Emerging Markets Internet & Ecommerce ETF	-0.03%
REMX	VanEck Rare Earth/Strategic Metals ETF	-0.08%
GBUY	Goldman Sachs Future Consumer Equity ETF	-0.14%
SAMT	Strategas Macro Thematic Opportunities ETF	-0.20%
LEGR	First Trust Indxx Innovative Transaction & Process ETF	-0.33%
LIT	Global X Lithium & Battery Tech ETF	-0.48%
BATT	Amplify Lithium & Battery Technology ETF	-0.53%

Thematic Most Overbought

Ticker	Fund	Price
YOLO	AdvisorShares Pure Cannabis ETF	70.25
MJ	Amplify Alternative Harvest ETF	65.19
GBUY	Goldman Sachs Future Consumer Equity ETF	62.76
SAMT	Strategas Macro Thematic Opportunities ETF	61.50
MSOS	AdvisorShares Pure US Cannabis ETF	60.65
KWEB	KraneShares CSI China Internet ETF	60.54
EMQQ	EMQQ The Emerging Markets Internet & Ecommerce ETF	60.12
AWAY	Amplify Travel Tech ETF	59.80
MJUS	Amplify U.S. Alternative Harvest ETF	58.78
EVX	VanEck Environmental Services ETF	58.57

Global Thematic 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
WGMI	Valkyrie Bitcoin Miners ETF	-7.98%
DAPP	VanEck Digital Transformation ETF	-7.55%
BKCH	Global X Blockchain ETF	-6.20%
CRPT	First Trust SkyBridge Crypto Industry & Digital Econo..	-5.40%
FDIG	Fidelity Crypto Industry and Digital Payments ETF	-5.03%
BITQ	Bitwise Crypto Industry Innovators ETF	-4.87%
ARKG	ARK Genomic Revolution ETF	-4.41%
TAN	Invesco Solar ETF	-3.73%
GNOM	Global X Genomics & Biotechnology ETF	-3.61%
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	-3.47%

Thematic Most Oversold

Ticker	Fund	Price
ARKG	ARK Genomic Revolution ETF	33.99
GNOM	Global X Genomics & Biotechnology ETF	36.03
SRVR	Pacer Data & Infrastructure Real Estate ETF	36.66
PAWZ	ProShares Pet Care ETF	37.93
IHAK	iShares Cybersecurity & Tech ETF	38.47
EDOC	Global X Telemedicine & Digital Health ETF Registered	38.47
WCLD	WisdomTree Cloud Computing Fund	39.06
IDNA	iShares Genomics Immunology and Healthcare ETF	39.57
ARKK	ARK Innovation ETF	39.86
WCBR	WisdomTree Cybersecurity Fund	40.20

* 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	\$35M
ARKW	ARK Next Generation Internet ETF	\$21M
MSQS	AdvisorShares Pure US Cannabis ETF	\$15M
IRBO	iShares Robotics and Artificial Intelligence Multisector ETF	\$14M
IHAK	iShares Cybersecurity & Tech ETF	\$9M
WGMI	Valkyrie Bitcoin Miners ETF	\$6M
PBW	Invesco WilderHill Clean Energy ETF	\$4M
DAPP	VanEck Digital Transformation ETF	\$3M
TECB	iShares U.S. Tech Breakthrough Multisector ETF	\$2M
THNQ	ROBO Global Artificial Intelligence ETF	\$2M

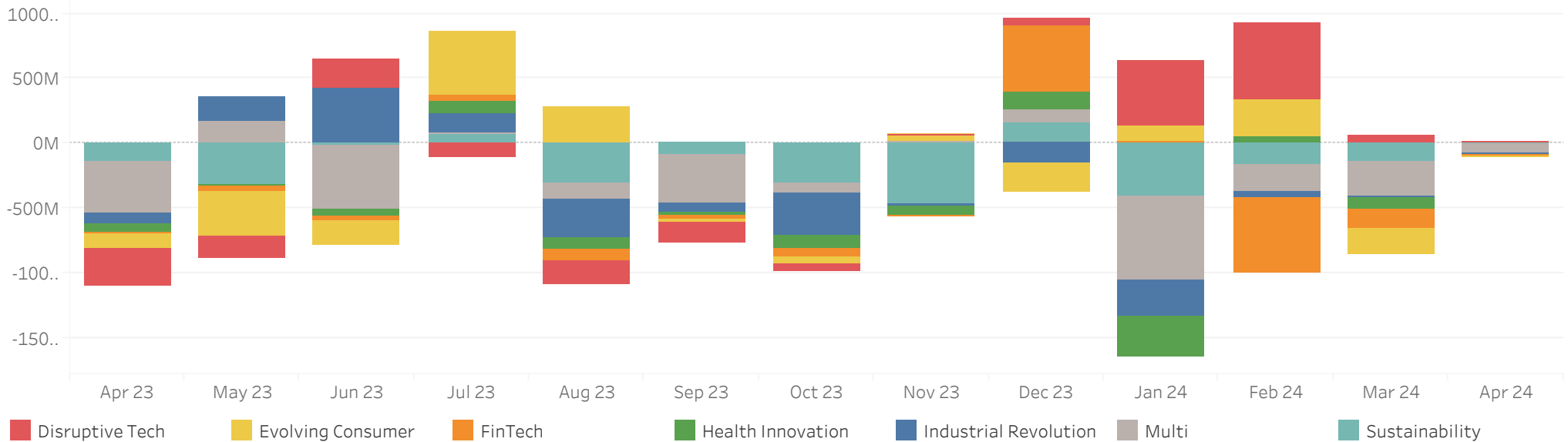
Thematic 1 Week Flow Laggards

Ticker	Fund	Flow
ARKK	ARK Innovation ETF	(\$127M)
ICLN	iShares Global Clean Energy ETF	(\$32M)
SKYY	First Trust Cloud Computing ETF	(\$19M)
HACK	Amplify Cybersecurity ETF	(\$16M)
KWEB	KraneShares CSI China Internet ETF	(\$13M)
IDRV	iShares Self-driving EV & Tech ETF	(\$9M)
IPAY	Amplify Mobile Payments ETF	(\$8M)
TAN	Invesco Solar ETF	(\$7M)
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	(\$7M)
ARKG	ARK Genomic Revolution ETF	(\$6M)

Thematic Landscape Assets & Flows

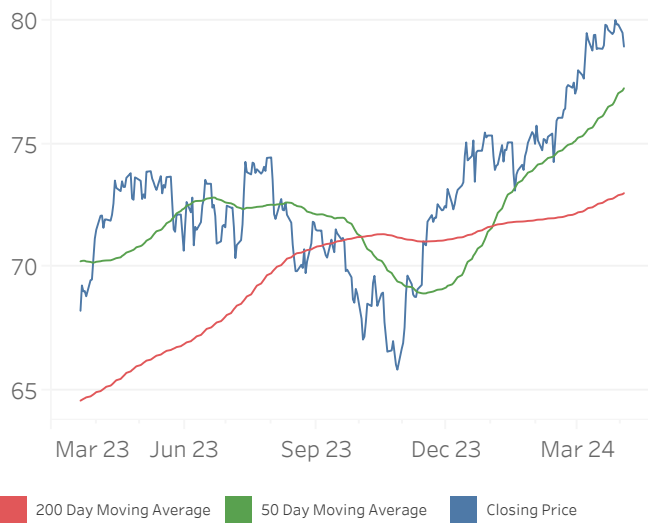
Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	33	\$21B	\$31M	\$1,112M	\$1,163M	\$476M
Evolving Consumer	34	\$9B	\$2M	\$215M	(\$37M)	\$109M
FinTech	17	\$3B	\$4M	(\$720M)	(\$274M)	(\$471M)
Health Innovation	17	\$2B	(\$1M)	(\$374M)	(\$405M)	(\$550M)
Industrial Revolution	29	\$10B	\$6M	(\$310M)	(\$819M)	(\$519M)
Multi	33	\$15B	(\$123M)	(\$1,076M)	(\$1,118M)	(\$2,363M)
Sustainability	39	\$12B	(\$40M)	(\$713M)	(\$1,308M)	(\$2,137M)
Grand Total	202	\$73B	(\$121M)	(\$1,866M)	(\$2,798M)	(\$5,454M)

Thematic Monthly Flows

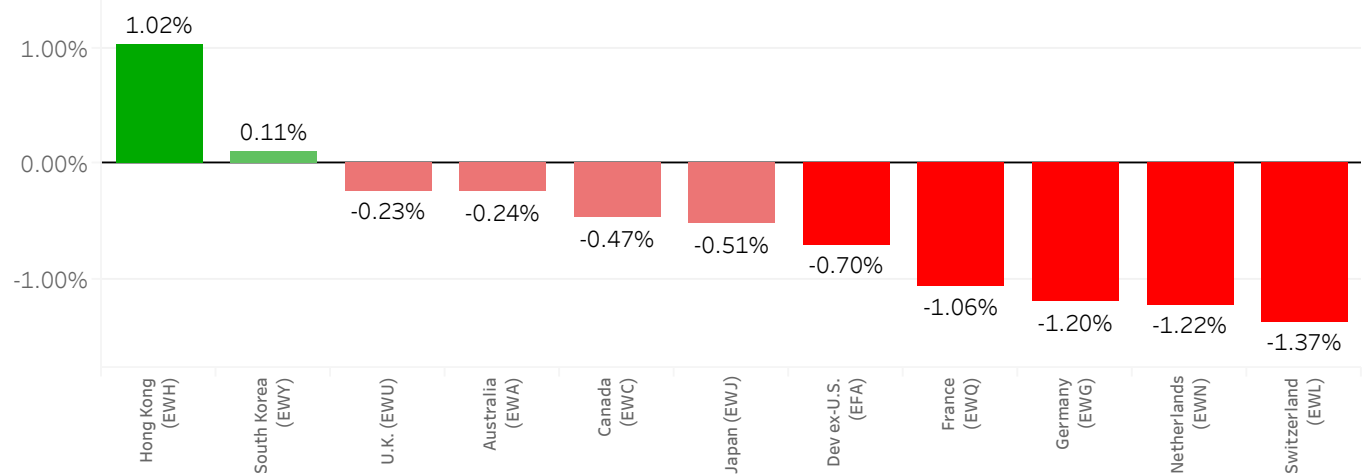


* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

Developed ex-U.S. (EFA)



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



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



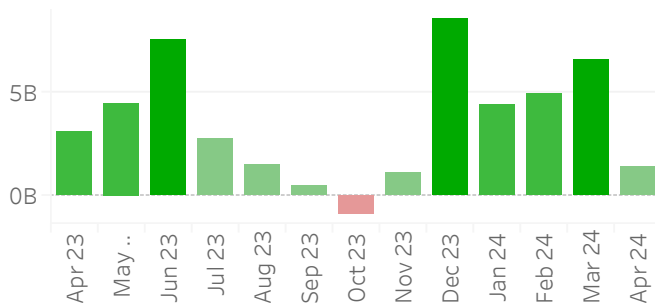
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
EWH	iShares MSCI Hong Kong ETF	1.02%
ENZL	iShares MSCI New Zealand ETF	0.84%
AIA	iShares Asia 50 ETF	0.62%
EWS	iShares MSCI Singapore ETF	0.49%
AAXJ	iShares MSCI All Country Asia ex Japan ETF	0.31%
EPP	iShares MSCI Pacific ex-Japan ETF	0.16%
EWY	iShares MSCI South Korea ETF	0.11%
EWO	iShares MSCI Austria ETF	0.07%
DFIV	Dimensional International Value ETF	0.05%
BBAX	JPMorgan BetaBuilders Developed Asia Pacific ex-Japan ETF	0.04%

Developed ex-U.S. Most Overbought

Ticker	Fund	Price
LVHI	Franklin International Low Volatility High Dividend Index ..	70.22
AIA	iShares Asia 50 ETF	69.36
DFIV	Dimensional International Value ETF	68.67
EWP	iShares MSCI Spain ETF	65.57
EWO	iShares MSCI Austria ETF	65.45
FDD	First Trust Stoxx European Select Dividend Index Fund	64.88
EWU	iShares MSCI United Kingdom ETF	63.78
HEZU	iShares Currency Hedged MSCI Eurozone ETF	63.57
AVIV	Avantis International Large Cap Value ETF	63.39
DBEU	Xtrackers MSCI Europe Hedged Equity ETF	63.21

Developed ex-U.S. Monthly Flows



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

Ticker	Fund	1-Day Performance
GREK	Global X MSCI Greece ETF	-1.98%
FSZ	First Trust Switzerland AlphaDEX Fund	-1.82%
FKU	First Trust United Kingdom AlphaDEX Fund	-1.70%
EIS	iShares MSCI Israel ETF	-1.65%
DXJS	WisdomTree Japan Hedged SmallCap Equity Fund	-1.64%
EIRL	iShares MSCI Ireland ETF	-1.54%
HEDJ	WisdomTree Europe Hedged Equity Fund	-1.48%
EWL	iShares MSCI Switzerland ETF	-1.37%
ISRA	VanEck Israel ETF	-1.34%
EUDG	WisdomTree Europe Quality Dividend Growth Fund	-1.29%

Developed ex-U.S. Most Oversold

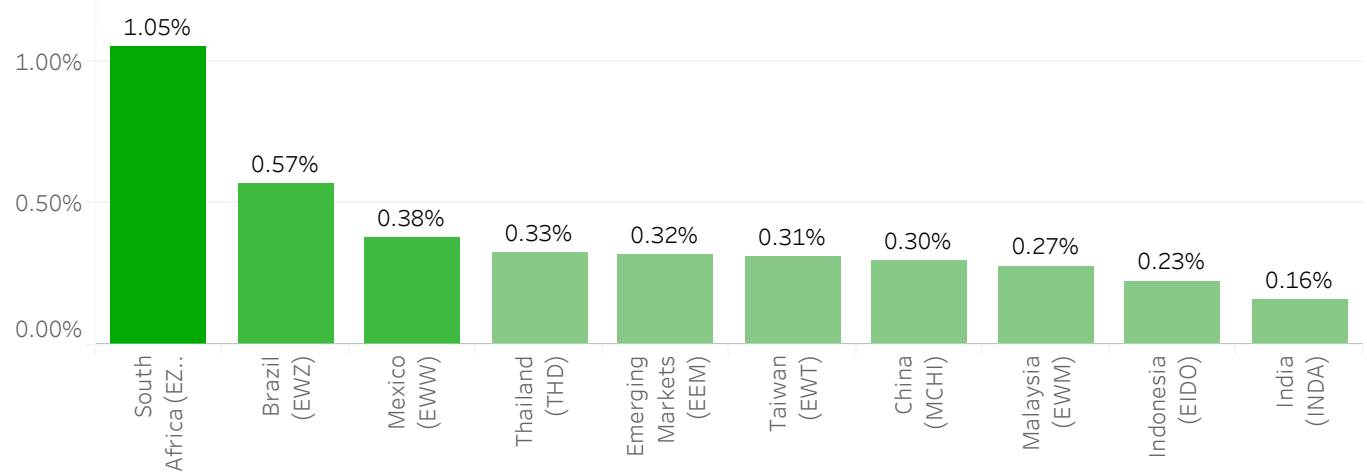
Ticker	Fund	Price
GREK	Global X MSCI Greece ETF	35.07
FSZ	First Trust Switzerland AlphaDEX Fund	38.85
EWL	iShares MSCI Switzerland ETF	39.99
FICS	First Trust International Developed Capital Strengt..	41.35
EFAD	ProShares MSCI EAFE Dividend Growers ETF	41.86
IDLV	Invesco S&P International Developed Low Volatility ..	42.19
DFJ	WisdomTree Japan SmallCap Dividend Fund	42.98
TTAI	FCF International Quality ETF	43.23
EWH	iShares MSCI Hong Kong ETF	43.72
FDEV	Fidelity International Multifactor ETF	43.82

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Emerging (EEM)



Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



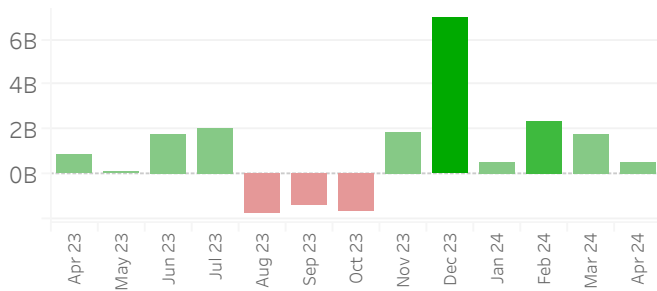
Emerging 1-Day Performance Leaders

Ticker	Fund	Performance
ECOW	Pacer Emerging Markets Cash Cows 100 ETF	1.30%
DEM	WisdomTree Emerging Markets High Dividend Fund	1.13%
PIE	Invesco Dorsey Wright Emerging Markets Momentum E..	1.06%
EZA	iShares MSCI South Africa ETF	1.05%
FNDE	Schwab Fundamental Emerging Markets Large Co. Index..	0.90%
FXI	iShares China Large-Cap ETF	0.82%
SMIN	iShares MSCI India Small Cap ETF	0.78%
DFEV	Dimensional Emerging Markets Value ETF	0.77%
EEMA	iShares MSCI Emerging Markets Asia ETF	0.72%
ILF	iShares Latin America 40 ETF	0.71%

Emerging Most Overbought

Ticker	Fund	Value
FM	iShares Frontier and Select EM ETF	81.74
EPU	iShares MSCI Peru and Global Exposure ETF	68.13
DBEM	Xtrackers MSCI Emerging Markets Hedged Equity ETF	67.30
DFEV	Dimensional Emerging Markets Value ETF	66.97
MEM	Matthews Emerging Markets Equity Active ETF	66.70
HEEM	iShares Currency Hedged MSCI Emerging Markets ETF	66.49
FRDM	Freedom 100 Emerging Markets ETF	65.10
EEMA	iShares MSCI Emerging Markets Asia ETF	65.00
FLTW	Franklin FTSE Taiwan ETF Franklin FTSE Taiwan Fund	64.95
EWW	iShares MSCI Mexico ETF	64.91

Emerging Monthly Flows



Emerging 1-Day Performance Laggards

Ticker	Fund	Performance
TUR	iShares MSCI Turkey ETF	-1.07%
NUEM	Nuveen ESG Emerging Markets Equity ETF	-0.65%
EWZS	iShares MSCI Brazil Small-Cap ETF	-0.63%
ECNS	iShares MSCI China Small-Cap ETF	-0.58%
QAT	iShares MSCI Qatar ETF	-0.46%
EPHE	iShares MSCI Philippines ETF	-0.40%
NFTY	First Trust India NIFTY 50 Equal Weight ETF	-0.33%
FEMS	First Trust Emerging Markets Small Cap AlphaDEX Fund	-0.28%
INDY	iShares India 50 ETF	-0.24%
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	-0.08%

Emerging Most Oversold

Ticker	Fund	Value
QAT	iShares MSCI Qatar ETF	31.99
EIDO	iShares MSCI Indonesia ETF	36.60
THD	iShares MSCI Thailand ETF	38.02
KSA	iShares MSCI Saudi Arabia ETF	42.44
EWZ	iShares MSCI Brazil ETF	42.68
FLBR	Franklin FTSE Brazil ETF Franklin FTSE Brazil Fund	44.32
EWZS	iShares MSCI Brazil Small-Cap ETF	44.92
EELV	Invesco S&P Emerging Markets Low Volatility ETF	45.53
DVYE	iShares Emerging Markets Dividend ETF	47.60
FLLA	Franklin FTSE Latin America ETF	49.90

* 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%	-0.38%	-1.53%
SHY	1-3 Year Treasury Bonds	0.05%	-0.01%	0.11%
IEF	7-10 Year Treasury Bonds	-0.21%	-0.84%	-2.40%
TLT	20+ Year Treasury Bonds	-0.55%	-2.24%	-6.02%
TIP	TIPS Bonds	0.03%	-0.35%	-0.69%
FLOT	Floating Rate Bonds	0.04%	0.54%	1.94%
LQD	Investment Grade Corporate	-0.15%	-0.19%	-1.96%
HYG	High Yield Corporate	-0.17%	0.14%	0.93%
BKLN	Senior Loan	-0.05%	0.65%	1.78%
PFF	Preferred & Income Securities	-0.73%	0.38%	3.89%
MUB	Municipal Bonds	-0.21%	-0.76%	-0.77%
MBB	MBS	-0.07%	-0.29%	-1.81%
EMB	Dollar Denominated EM Bonds	0.04%	1.01%	1.15%
LEMB	Local Currency EM Bond	0.28%	-0.47%	-2.04%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	0.91%	5.03%	4.16%
DBE	Energy	1.82%	5.73%	10.53%
USO	WTI Crude Oil	1.41%	7.78%	21.22%
BNO	Brent Crude Oil	1.55%	7.92%	19.70%
UNG	Natural Gas	0.58%	-5.72%	-23.67%
UGA	Gasoline	1.95%	6.54%	18.91%
DBP	Precious Metals	2.04%	10.01%	10.31%
GLD	Gold	1.48%	9.33%	10.32%
SLV	Silver	4.29%	12.61%	9.46%
PPLT	abrdn Physical Platin..	2.53%	4.26%	-6.78%
PALL	abrdn Physical Palla..	-0.50%	5.00%	-9.05%
DBB	Base Metals	1.11%	4.95%	-0.27%
CPER	Copper	0.55%	6.33%	5.76%
DBA	Agriculture	-1.24%	11.53%	19.38%
CORN	Corn	-1.64%	2.49%	-8.30%
SOYB	Soybeans	-0.44%	3.04%	-7.63%
WEAT	Wheat	-1.67%	0.95%	-11.39%
CANE	Sugar	-0.66%	5.16%	8.59%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	-0.14%	1.43%	4.98%
UDN	Short Dollar	0.05%	-0.78%	-2.82%
FXE	Euro	0.26%	-0.44%	-1.85%
FXB	British Pound Sterling	0.24%	-0.30%	-0.49%
FXF	Swiss Franc	-0.41%	-2.71%	-7.33%
FXJ	Japanese Yen	0.05%	-0.92%	-7.11%
FXC	Canadian Dollar	0.09%	0.24%	-1.65%
FXA	Australian Dollar	0.44%	-0.09%	-4.00%

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