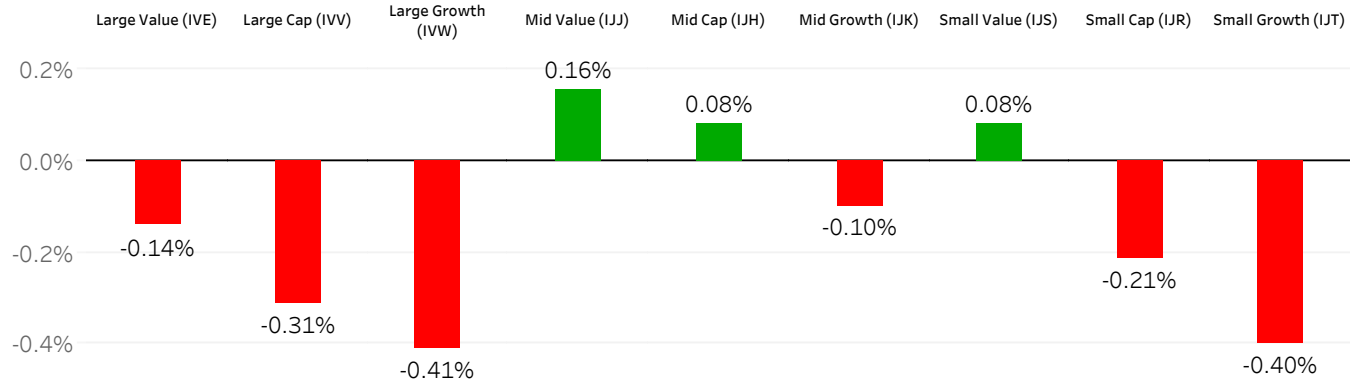


Large Cap Blend (S&P 500) IVV



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
BUZZ	VanEck Social Sentiment ETF	1.56%
IPO	Renaissance IPO ETF	1.16%
OMFS	Invesco Russell 2000 Dynamic Multifactor ETF	0.77%
FPX	First Trust US Equity Opportunities ETF	0.73%
XMVM	Invesco S&P MidCap Value with Momentum ETF	0.55%
FFTY	Innovator IBD 50 ETF	0.54%
SFYX	SoFi Next 500 ETF	0.51%
RZV	Invesco S&P Smallcap 600 Pure Value ETF	0.38%
SVAL	iShares US Small Cap Value Factor ETF	0.37%
HDV	iShares Core High Dividend ETF	0.34%

Size & Style Most Overbought

Ticker	Fund	Price
LSAT	Leadershares Alphafactor Tactical Focused ETF	81.31
COWZ	Pacer US Cash Cows 100 ETF	77.43
LSAF	LeaderShares AlphaFactor US Core Equity ETF	75.97
PWV	Invesco Large Cap Value ETF	74.92
SPVU	Invesco S&P 500 Enhanced Value ETF	73.79
PKW	Invesco Buyback Achievers ETF	73.49
WBIG	WBI BullBear Yield 3000 ETF	73.44
SEIV	SEI Enhanced U.S. Large Cap Value Factor ETF	72.94
TPHD	Timothy Plan High Dividend Stock ETF	72.43
GRPM	Invesco S&P MidCap 400 GARP ETF	72.11

Small Cap Blend (S&P 600) IJR



Size & Style 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
QMOM	Alpha Architect U.S. Quantitative Momentum ETF	-1.10%
XJR	iShares ESG Screened S&P Small-Cap ETF	-0.99%
LEAD	Siren DIVCON Leaders Dividend ETF	-0.78%
CWS	AdvisorShares Focused Equity ETF	-0.76%
SEIQ	SEI Enhanced U.S. Large Cap Quality Factor ETF	-0.73%
ZECP	Zacks Earnings Consistent Portfolio ETF	-0.73%
POWA	Invesco Bloomberg Pricing Power ETF	-0.72%
JSMD	Janus Henderson Small/Mid Cap Growth Alpha ETF	-0.71%
MDCP	VictoryShares THB Mid Cap ETF	-0.68%
JSML	Janus Henderson Small Cap Growth Alpha ETF	-0.66%

Size & Style Most Oversold

Ticker	Fund	Price
XSLV	Invesco S&P SmallCap Low Volatility ETF	48.81
XJR	iShares ESG Screened S&P Small-Cap ETF	50.39
SLYV	SPDR S&P 600 Small Cap Value ETF	51.05
IJS	iShares S&P Small-Cap 600 Value ETF	51.20
VIOV	Vanguard S&P Small-Cap 600 Value ETF	51.32
SMDV	ProShares Russell 2000 Dividend Growers ETF	51.34
SMLV	SPDR SSGA US Small Cap Low Volatility Index ETF	51.54
TMFS	Motley Fool Small-Cap Growth ETF	51.73
BBSC	JPMorgan BetaBuilders U.S. Small Cap Equity Fund J..	52.36
JSML	Janus Henderson Small Cap Growth Alpha ETF	52.42

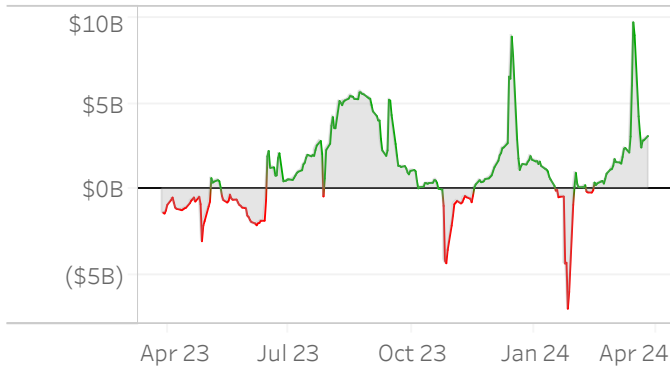
■ Closing Price ■ 50 Day Moving Average ■ 200 Day Moving Average

* 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	\$1,871B	(\$7.71B)	\$35.55B	\$126.88B	\$193.39B
Large Cap, Beta, Beta: Growth	10	\$367B	(\$0.43B)	\$8.27B	\$18.84B	\$25.01B
Large Cap, Beta, Beta: Value	11	\$261B	(\$0.33B)	\$2.28B	\$8.64B	\$4.25B
Mid Cap, Beta, Beta	10	\$228B	(\$0.05B)	\$2.60B	\$2.31B	\$9.09B
Mid Cap, Beta, Beta: Growth	6	\$44B	(\$0.06B)	\$0.45B	\$1.43B	\$2.32B
Mid Cap, Beta, Beta: Value	6	\$42B	(\$0.16B)	(\$1.22B)	(\$1.54B)	(\$2.89B)
Small Cap, Beta, Beta	11	\$238B	\$1.20B	\$2.39B	\$14.54B	\$18.76B
Small Cap, Beta, Beta: Growth	7	\$40B	(\$0.19B)	\$1.16B	\$2.27B	\$2.74B
Small Cap, Beta, Beta: Value	7	\$54B	(\$0.24B)	(\$0.53B)	\$0.29B	(\$1.35B)

U.S. Size & Style Flow Leaders

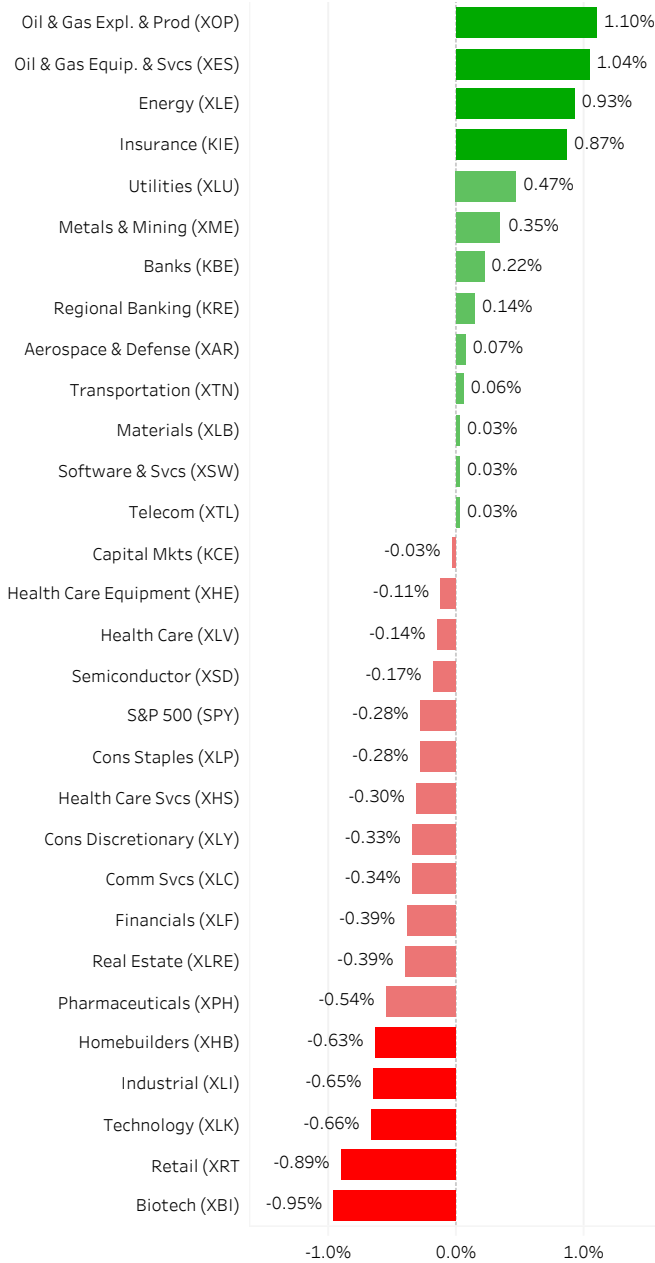
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
IWM	iShares Russell 2000 ETF	\$1.53B	(\$3.43B)	\$4.91B	\$3.57B	\$63.74B
VOO	Vanguard S&P 500 ETF	\$1.40B	\$23.17B	\$34.90B	\$60.41B	\$432.06B
QUAL	iShares MSCI USA Quality Factor ETF	\$0.35B	\$2.45B	\$3.61B	\$6.80B	\$42.70B
VTI	Vanguard Total Stock Market ETF	\$0.32B	\$9.14B	\$16.18B	\$27.27B	\$387.49B
MDY	SPDR S&P Midcap 400 ETF Trust	\$0.31B	(\$0.04B)	(\$0.11B)	(\$0.20B)	\$22.08B
DYFN	BlackRock U.S. Equity Factor Rotation ETF	\$0.28B	\$6.71B	\$6.72B	\$6.72B	\$7.12B
RSP	Invesco S&P 500 Equal Weight ETF	\$0.26B	\$1.11B	\$5.53B	\$12.80B	\$53.41B
JEPQ	JPMorgan NASDAQ Equity Premium Income E..	\$0.25B	\$2.55B	\$4.88B	\$8.33B	\$11.67B
IVW	iShares S&P 500 Growth ETF	\$0.24B	\$2.70B	\$2.50B	\$4.47B	\$44.39B
IWB	iShares Russell 1000 ETF	\$0.23B	(\$0.40B)	(\$0.30B)	(\$0.69B)	\$35.24B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
QQQ	Invesco QQQ Trust Series I	(\$2.18B)	\$7.12B	\$9.55B	\$13.82B	\$257.38B
VIG	Vanguard Dividend Appreciation ETF	(\$1.66B)	(\$0.48B)	\$1.01B	\$1.33B	\$78.20B
VB	Vanguard Small-Cap ETF	(\$0.56B)	\$2.42B	\$3.41B	\$4.25B	\$55.32B
VUG	Vanguard Growth ETF	(\$0.42B)	\$2.83B	\$5.05B	\$5.25B	\$119.23B
VO	Vanguard Mid-Cap ETF	(\$0.42B)	\$0.75B	\$1.68B	\$2.51B	\$63.42B
VTV	Vanguard Value ETF	(\$0.34B)	\$0.71B	\$0.51B	(\$2.21B)	\$114.30B
ITOT	iShares Core S&P Total U.S. Stock Market ETF	(\$0.26B)	\$0.19B	\$1.12B	\$1.54B	\$53.96B
VOE	Vanguard Mid-Cap Value ETF	(\$0.25B)	(\$0.84B)	(\$1.13B)	(\$1.56B)	\$16.29B
VONG	Vanguard Russell 1000 Growth ETF	(\$0.19B)	\$0.28B	\$2.17B	\$3.12B	\$19.34B
VBR	Vanguard Small Cap Value ETF	(\$0.18B)	\$0.27B	\$0.11B	(\$0.05B)	\$28.30B

* 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	-0.11%	21.77%	8.61%	8.66%	77.25
XLC	Communication Services Select Sector SPDR Fund	-0.34%	45.27%	3.74%	15.47%	62.77
SPY	SPDR S&P 500 ETF Trust	-0.47%	28.54%	3.75%	12.88%	63.45
XLB	Materials Select Sector SPDR Fund	-0.59%	22.75%	6.34%	10.80%	69.65
XLI	Industrial Select Sector SPDR Fund	-0.99%	28.99%	5.18%	13.69%	67.13
XLK	Technology Select Sector SPDR Fund	-1.18%	44.84%	2.00%	14.00%	54.01
XLF	Financial Select Sector SPDR Fund	-1.53%	31.19%	4.04%	14.80%	62.79
XLY	Consumer Discretionary Select Sector SPDR Fund	-1.57%	26.88%	2.09%	6.75%	54.38
XLV	Health Care Select Sector SPDR Fund	-1.77%	17.95%	0.91%	7.56%	49.91
XLP	Consumer Staples Select Sector SPDR Fund	-2.67%	13.91%	1.83%	4.55%	55.68
XLRE	Real Estate Select Sector SPDR Fund	-5.01%	19.51%	-0.72%	3.28%	42.14
XLU	Utilities Select Sector SPDR Fund	-8.30%	14.18%	3.58%	2.18%	62.14

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
PTF	Invesco Dorsey Wright Technology Momentum ETF	2.02%
PSCE	Invesco S&P SmallCap Energy ETF	1.25%
FCG	First Trust Natural Gas ETF	1.24%
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	1.10%
IEO	iShares U.S. Oil & Gas Exploration & Production ETF	1.06%
XES	SPDR S&P Oil & Gas Equipment & Services ETF	1.04%
FENY	Fidelity MSCI Energy Index ETF	0.95%
PXE	Invesco Energy Exploration & Production ETF	0.94%
XLE	Energy Select Sector SPDR Fund	0.93%
IYE	iShares U.S. Energy ETF	0.91%

Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
FTXN	First Trust Nasdaq Oil & Gas ETF	81.48
IEO	iShares U.S. Oil & Gas Exploration & Production ETF	81.45
RSPG	Invesco S&P 500 Equal Weight Energy ETF	81.39
FXN	First Trust Energy AlphaDEX Fund	80.11
IYE	iShares U.S. Energy ETF	78.73
PXE	Invesco Energy Exploration & Production ETF	78.35
FXG	First Trust Consumer Staples AlphaDEX Fund	78.05
FENY	Fidelity MSCI Energy Index ETF	77.62
FCG	First Trust Natural Gas ETF	77.53
XLE	Energy Select Sector SPDR Fund	77.25

Sector & Industry 1 Day Performance Laggards

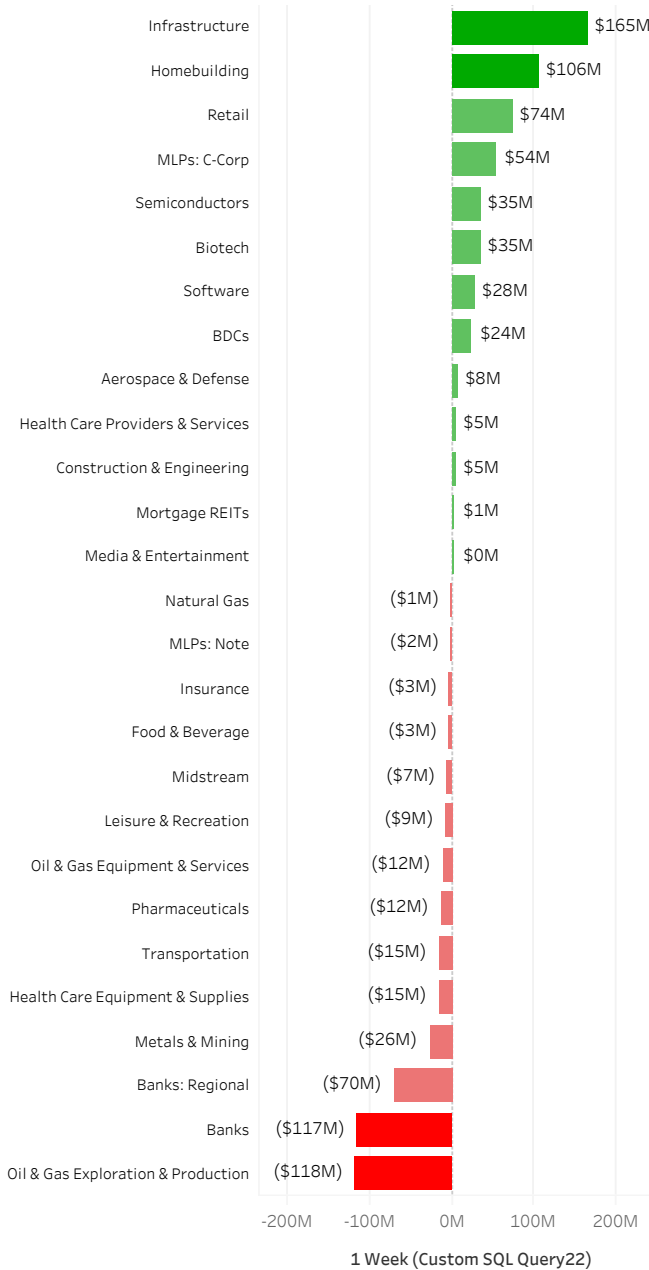
Ticker	Fund	1 Day Performance
XBI	SPDR S&P BIOTECH ETF	-0.95%
REZ	iShares Residential and Multisector Real Estate ETF	-0.91%
XRT	SPDR S&P Retail ETF	-0.89%
PTH	Invesco Dorsey Wright Healthcare Momentum ETF	-0.83%
USRT	iShares Core U.S. REIT ETF	-0.80%
FRI	First Trust S&P REIT Index Fund	-0.79%
RWR	SPDR Dow Jones REIT ETF	-0.78%
PRN	Invesco Dorsey Wright Industrials Momentum ETF	-0.78%
BBRE	JPMorgan BetaBuilders MSCI US REIT ETF JPMorgan B..	-0.75%
FTXL	First Trust Nasdaq Semiconductor ETF	-0.75%

Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
ICF	iShares Cohen & Steers REIT ETF	38.43
JPRE	JPMorgan Realty Income ETF JPMorgan Realty Income E..	39.48
RWR	SPDR Dow Jones REIT ETF	40.17
USRT	iShares Core U.S. REIT ETF	40.23
XPH	SPDR S&P Pharmaceuticals ETF	40.37
FRI	First Trust S&P REIT Index Fund	40.93
VNQ	Vanguard Real Estate ETF	41.09
BBRE	JPMorgan BetaBuilders MSCI US REIT ETF JPMorgan Bet..	41.12
SCHH	Schwab U.S. REIT ETF	41.31
PSR	Invesco Active U.S. Real Estate Fund	41.45

* 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	\$100M	(\$78M)	\$1,351M	\$3,914M
Consumer Discretionary	12	\$31B	\$266M	\$434M	\$388M	\$3,478M
Consumer Staples	10	\$26B	(\$27M)	(\$409M)	(\$3,639M)	(\$4,236M)
Energy	30	\$77B	\$251M	(\$1,184M)	(\$760M)	(\$5,078M)
Financials	26	\$65B	\$272M	(\$1,480M)	(\$764M)	(\$2,782M)
Health Care	23	\$93B	(\$189M)	\$353M	(\$3,316M)	(\$6,390M)
Industrial	13	\$41B	\$478M	\$1,357M	\$758M	\$1,881M
Materials	9	\$12B	(\$73M)	\$28M	(\$1,034M)	(\$3,075M)
Multi-Sector	16	\$24B	\$257M	\$1,191M	\$942M	\$3,407M
Real Estate	25	\$60B	\$291M	\$1,656M	\$3,708M	\$2,360M
Technology	23	\$199B	\$912M	\$5,445M	\$10,720M	\$11,952M
Utilities	9	\$20B	(\$196M)	(\$2,251M)	(\$3,211M)	(\$3,627M)

U.S. Sector & Industry Flow Leaders

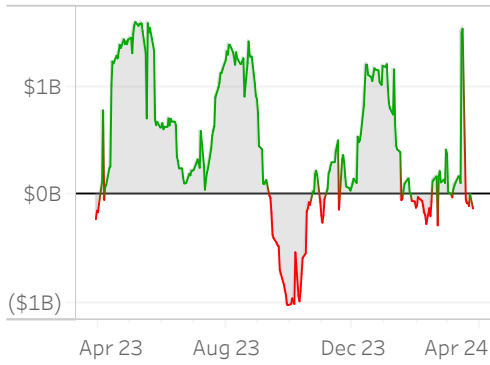
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLK	Technology Select Sector SPDR Fund	\$565M	\$1,765M	\$4,147M	\$4,287M	\$65,609M
XLI	Industrial Select Sector SPDR Fund	\$437M	\$702M	(\$198M)	\$851M	\$18,016M
XLF	Financial Select Sector SPDR Fund	\$410M	\$254M	\$224M	(\$656M)	\$37,694M
XLE	Energy Select Sector SPDR Fund	\$342M	(\$1,016M)	(\$597M)	(\$2,776M)	\$38,708M
XLY	Consumer Discretionary Select Sector SPDR Fu..	\$157M	\$105M	\$149M	\$2,283M	\$20,029M
IYW	iShares U.S. Technology ETF	\$149M	\$902M	\$2,317M	\$1,127M	\$16,650M
PAVE	Global X U.S. Infrastructure Development ETF	\$145M	\$682M	\$647M	\$1,341M	\$7,188M
XLC	Communication Services Select Sector SPDR Fu..	\$114M	(\$154M)	\$1,380M	\$3,558M	\$18,070M
VGT	Vanguard Information Technology ETF	\$108M	\$1,551M	\$2,643M	\$1,741M	\$66,310M
XHB	SPDR S&P Homebuilders ETF	\$93M	\$140M	\$391M	\$316M	\$2,106M

U.S. Sector & Industry Flow Laggards

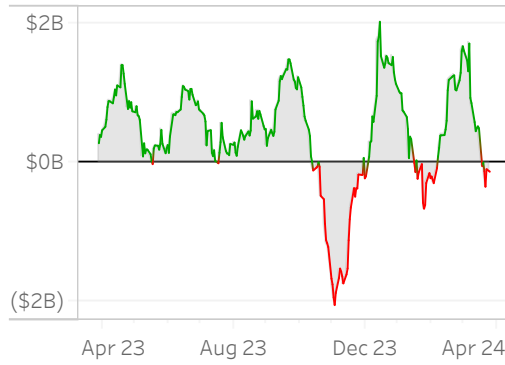
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLU	Utilities Select Sector SPDR Fund	(\$189M)	(\$2,117M)	(\$2,361M)	(\$2,392M)	\$12,089M
XLV	Health Care Select Sector SPDR Fund	(\$182M)	\$320M	(\$2,077M)	(\$2,400M)	\$40,678M
XOP	SPDR S&P Oil & Gas Exploration & Production E..	(\$129M)	\$92M	\$321M	(\$207M)	\$4,096M
KBE	SPDR S&P Bank ETF	(\$86M)	(\$372M)	\$175M	(\$86M)	\$1,545M
KRE	SPDR S&P Regional Banking ETF	(\$68M)	(\$783M)	(\$140M)	(\$95M)	\$2,897M
XLB	Materials Select Sector SPDR Fund	(\$46M)	\$336M	(\$120M)	(\$341M)	\$5,732M
KBWB	Invesco KBW Bank ETF	(\$30M)	(\$214M)	(\$479M)	(\$77M)	\$1,506M
XME	SPDR S&P Metals & Mining ETF	(\$26M)	(\$238M)	(\$234M)	(\$729M)	\$1,679M
IYT	iShares US Transportation ETF	(\$14M)	\$22M	(\$94M)	\$16M	\$1,015M
VDE	Vanguard Energy ETF	(\$13M)	(\$125M)	(\$232M)	\$23M	\$8,606M

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

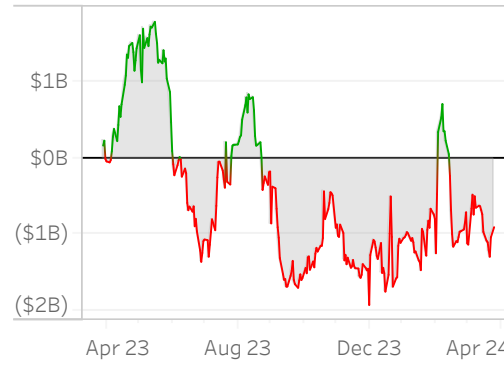
Communication Services



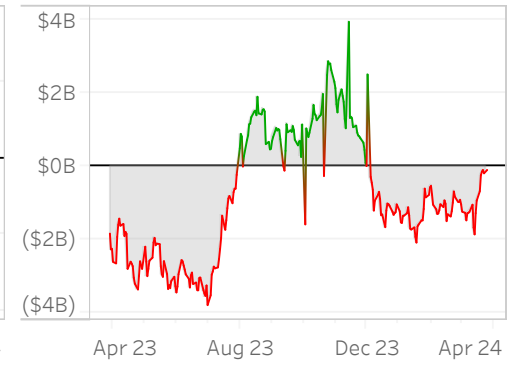
Consumer Discretionary



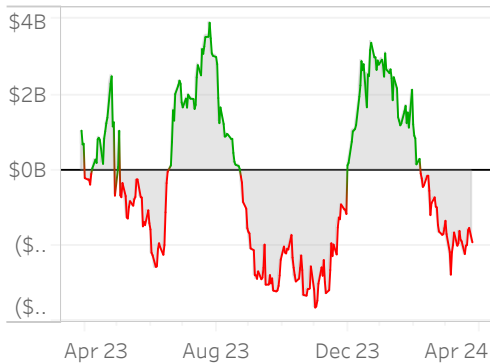
Consumer Staples



Energy



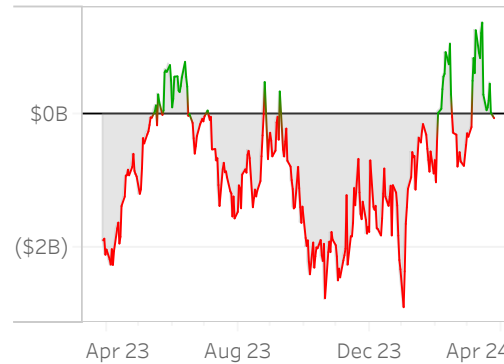
Financials



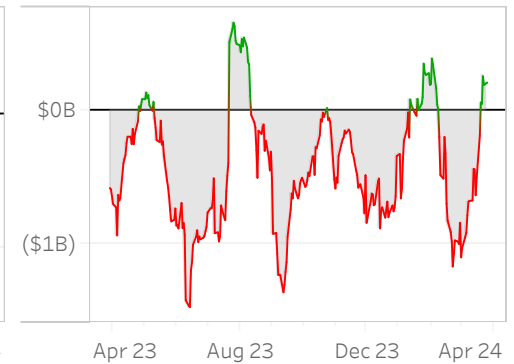
Industrial



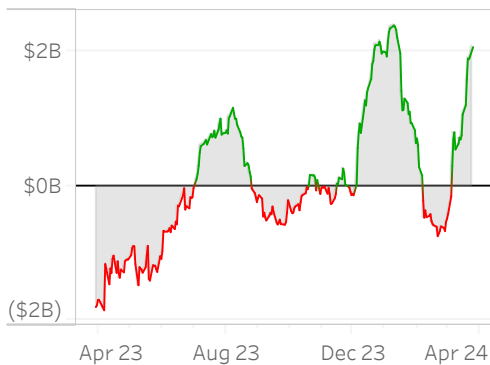
Health Care



Materials



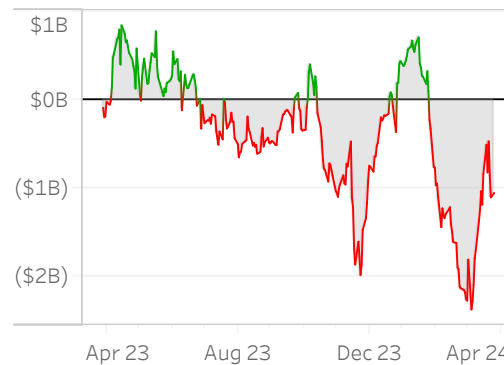
Real Estate



Technology



Utilities

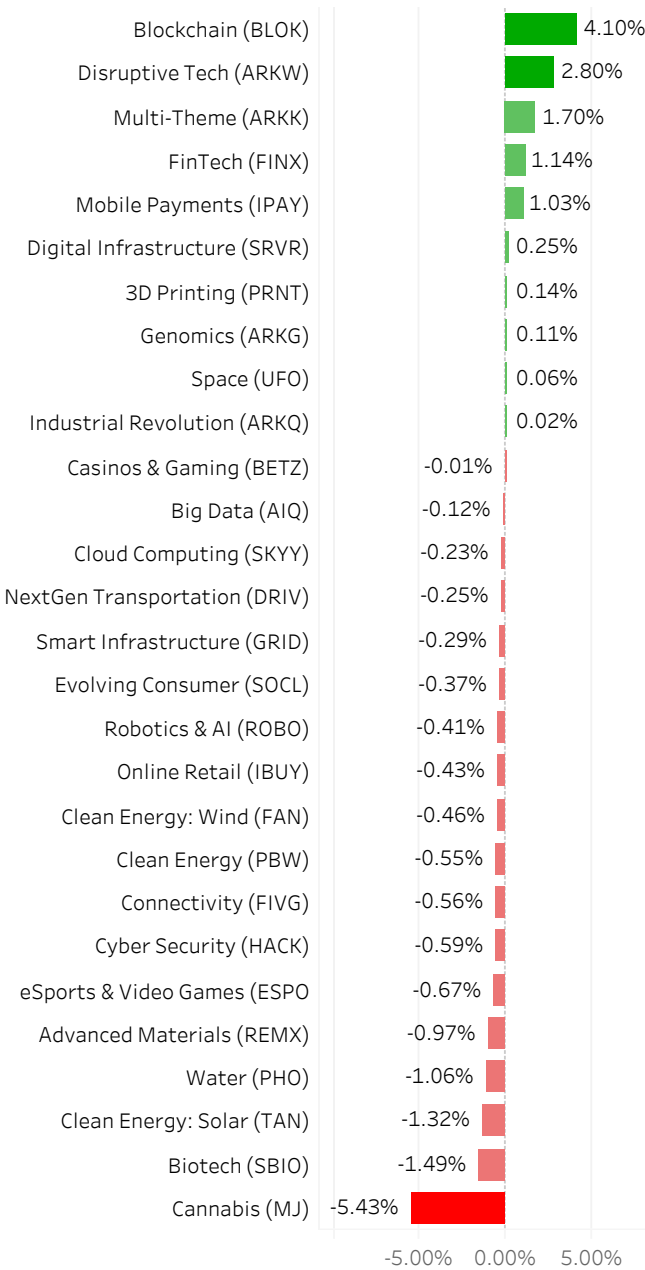


Multi-Sector

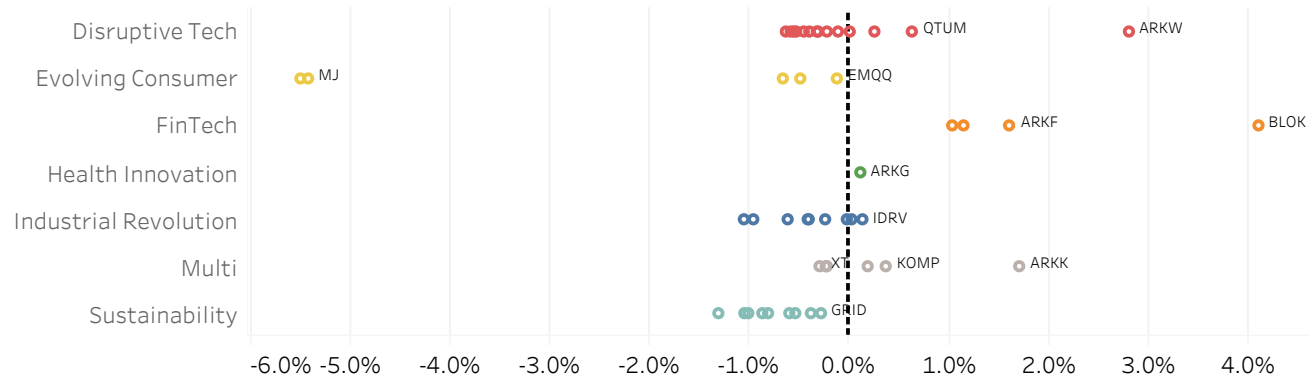


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Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	Performance
CRPT	First Trust SkyBridge Crypto Industry & Digital Economy ..	12.98%
WGMI	Valkyrie Bitcoin Miners ETF	8.36%
BKCH	Global X Blockchain ETF	7.84%
DAPP	VanEck Digital Transformation ETF	7.78%
BITQ	Bitwise Crypto Industry Innovators ETF	7.69%
FDIG	Fidelity Crypto Industry and Digital Payments ETF	5.50%
BLOK	Amplify Transformational Data Sharing ETF	4.10%
ARKW	ARK Next Generation Internet ETF	2.80%
ARKK	ARK Innovation ETF	1.70%
ARKF	ARK Fintech Innovation ETF	1.60%

Thematic Most Overbought

Ticker	Fund	Price
AWAY	Amplify Travel Tech ETF	70.80
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure ..	70.73
EVX	VanEck Environmental Services ETF	68.81
EBIZ	Global X E-Commerce ETF	65.87
EBLU	Ecofin Global Water ESG Fund	65.86
IPAY	Amplify Mobile Payments ETF	65.60
BLOK	Amplify Transformational Data Sharing ETF	63.87
ARKF	ARK Fintech Innovation ETF	63.67
CRPT	First Trust SkyBridge Crypto Industry & Digital Economy E..	63.58
GBUY	Goldman Sachs Future Consumer Equity ETF	63.50

Global Thematic 1-Day Performance Laggards

Ticker	Fund	Performance
MSOS	AdvisorShares Pure US Cannabis ETF	-5.51%
MJ	Amplify Alternative Harvest ETF	-5.43%
MJUS	Amplify U.S. Alternative Harvest ETF	-4.63%
SBIO	ALPS Medical Breakthroughs ETF	-1.49%
HERO	Global X Video Games & Esports ETF	-1.35%
TAN	Invesco Solar ETF	-1.32%
PAWZ	ProShares Pet Care ETF	-1.16%
LIT	Global X Lithium & Battery Tech ETF	-1.06%
PHO	Invesco Water Resources ETF	-1.06%
PIO	Invesco Global Water ETF	-1.02%

Thematic Most Oversold

Ticker	Fund	Price
PAWZ	ProShares Pet Care ETF	35.98
SRVR	Pacer Data & Infrastructure Real Estate ETF	38.04
ARKG	ARK Genomic Revolution ETF	38.54
PBW	Invesco WilderHill Clean Energy ETF	40.14
ACES	ALPS Clean Energy ETF	41.80
WCBR	WisdomTree Cybersecurity Fund	41.99
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	42.25
SBIO	ALPS Medical Breakthroughs ETF	42.60
ICLN	iShares Global Clean Energy ETF	42.69
GNOM	Global X Genomics & Biotechnology ETF	42.95

* 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
ARKK	ARK Innovation ETF	\$243M
AIQ	Global X Artificial Intelligence & Technology ETF	\$62M
BOTZ	Global X Robotics & Artificial Intelligence ETF	\$58M
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure Index	\$40M
ARKG	ARK Genomic Revolution ETF	\$10M
FITE	SPDR S&P Kensho Future Security ETF	\$9M
KOMP	SPDR S&P Kensho New Economies Composite ETF	\$9M
MSOS	AdvisorShares Pure US Cannabis ETF	\$8M
WCLD	WisdomTree Cloud Computing Fund	\$8M
TAN	Invesco Solar ETF	\$7M

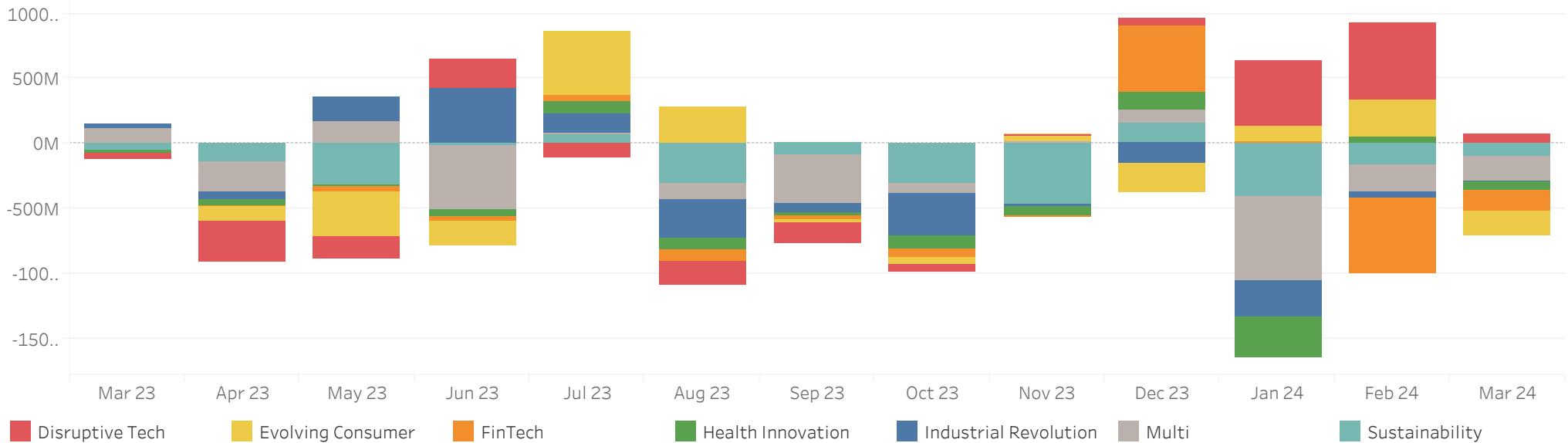
Thematic 1 Week Flow Laggards

Ticker	Fund	Flow
KWEB	KraneShares CSI China Internet ETF	(\$47M)
ICLN	iShares Global Clean Energy ETF	(\$35M)
ARKW	ARK Next Generation Internet ETF	(\$24M)
FINX	Global X FinTech ETF	(\$23M)
ARKQ	ARK Autonomous Technology & Robotics ETF	(\$19M)
ARKF	ARK Fintech Innovation ETF	(\$15M)
CIBR	First Trust NASDAQ Cybersecurity ETF	(\$14M)
FIVG	Defiance Next Gen Connectivity ETF	(\$14M)
XT	iShares Exponential Technologies ETF	(\$12M)
DRIV	Global X Autonomous & Electric Vehicles ETF	(\$11M)

Thematic Landscape Assets & Flows

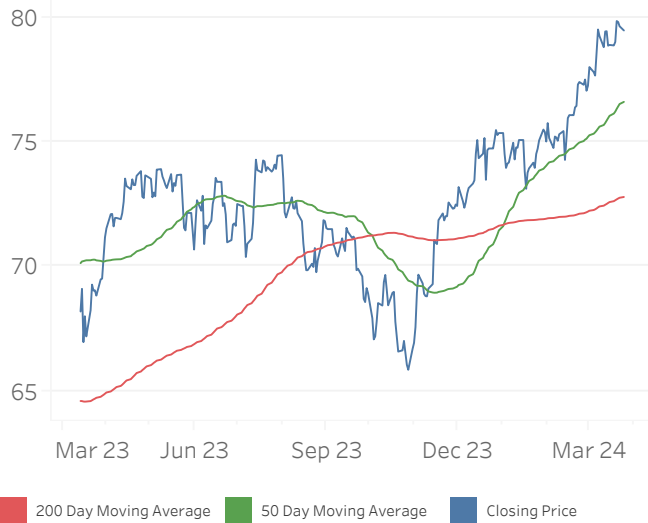
Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	33	\$21B	(\$1M)	\$1,111M	\$1,137M	\$422M
Evolving Consumer	34	\$9B	(\$30M)	\$223M	\$16M	\$127M
FinTech	17	\$3B	(\$35M)	(\$677M)	(\$275M)	(\$469M)
Health Innovation	17	\$2B	(\$11M)	(\$211M)	(\$362M)	(\$520M)
Industrial Revolution	30	\$10B	\$19M	(\$326M)	(\$839M)	(\$459M)
Multi	33	\$15B	\$38M	(\$956M)	(\$1,009M)	(\$1,933M)
Sustainability	39	\$12B	\$29M	(\$623M)	(\$1,305M)	(\$2,144M)
Grand Total	203	\$73B	\$9M	(\$1,460M)	(\$2,637M)	(\$4,977M)

Thematic Monthly Flows

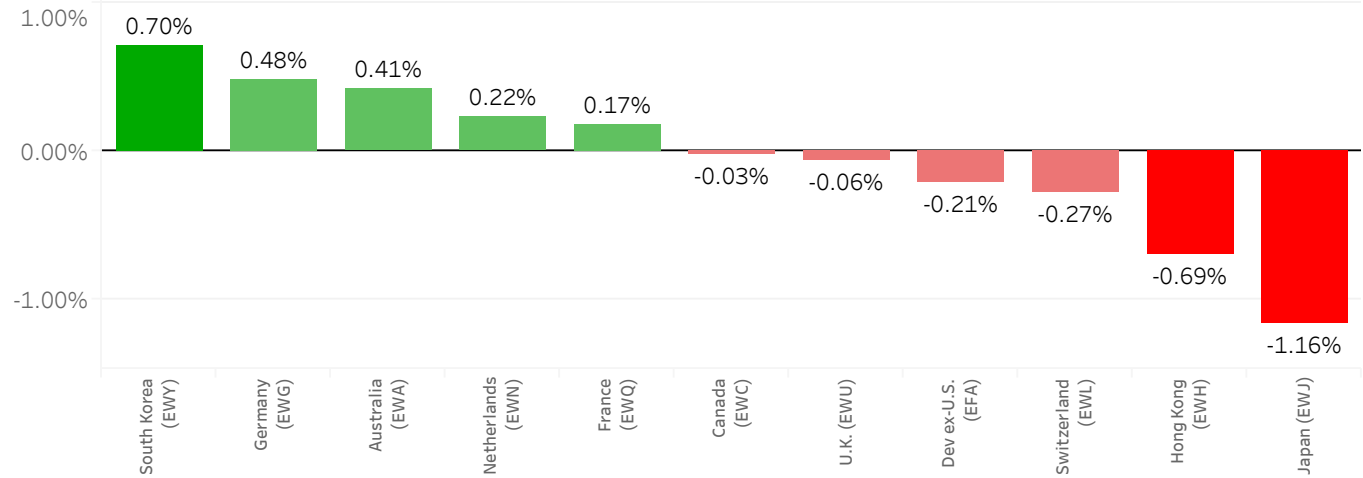


* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

Developed ex-U.S. (EFA)



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



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



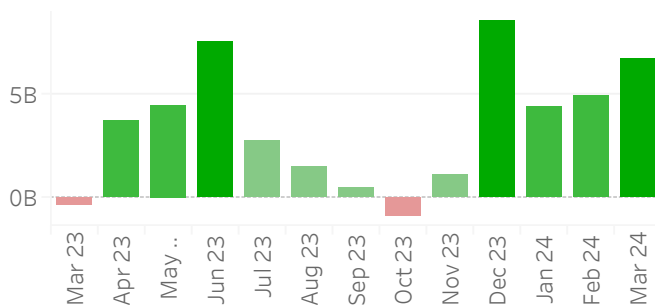
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
EWI	iShares MSCI Italy ETF	1.02%
ENZL	iShares MSCI New Zealand ETF	0.77%
EWY	iShares MSCI South Korea ETF	0.70%
FLKR	Franklin FTSE South Korea ETF	0.65%
IDOG	ALPS International Sector Dividend Dogs ETF	0.58%
FDD	First Trust Stoxx European Select Dividend Index Fund	0.48%
EWG	iShares MSCI Germany ETF	0.48%
DTH	WisdomTree International High Dividend Fund	0.47%
IDV	iShares International Select Dividend ETF	0.43%
DAX	Global X DAX Germany ETF	0.43%

Developed ex-U.S. Most Overbought

Ticker	Fund	Value
LVHI	Franklin International Low Volatility High Dividend Index ..	74.90
DBEU	Xtrackers MSCI Europe Hedged Equity ETF	74.34
HEZU	iShares Currency Hedged MSCI Eurozone ETF	74.05
EWP	iShares MSCI Spain ETF	73.73
IDMO	Invesco S&P International Developed Momentum ETF	73.08
HEFA	iShares Currency Hedged MSCI EAFE ETF	72.70
DBEF	Xtrackers MSCI EAFE Hedged Equity ETF	72.03
IMTM	iShares MSCI Intl Momentum Factor ETF	71.84
DFIV	Dimensional International Value ETF	71.56
HEDJ	WisdomTree Europe Hedged Equity Fund	71.46

Developed ex-U.S. Monthly Flows



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

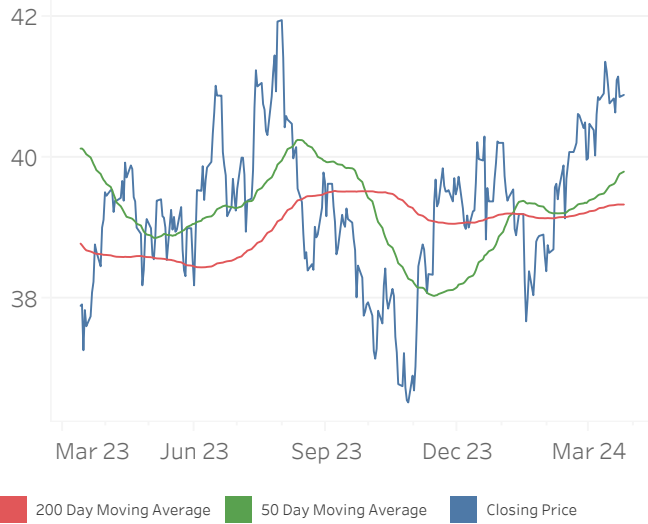
Ticker	Fund	1-Day Performance
JPXN	iShares JPX-Nikkei 400 ETF	-1.27%
BBJP	JPMorgan BetaBuilders Japan Fund BetaBuilders Japan F..	-1.17%
EWJ	iShares MSCI Japan ETF	-1.16%
FLJP	Franklin FTSE Japan ETF	-1.15%
HEWJ	iShares Currency Hedged MSCI Japan ETF	-1.11%
SCJ	iShares MSCI Japan Small-Cap ETF	-1.01%
FLJH	Franklin FTSE Japan Hedged ETF Franklin FTSE Japan Hed..	-0.95%
EWJV	iShares MSCI Japan Value ETF	-0.93%
FJP	First Trust Japan AlphaDEX Fund	-0.91%
DXJ	WisdomTree Japan Hedged Equity Fund	-0.88%

Developed ex-U.S. Most Oversold

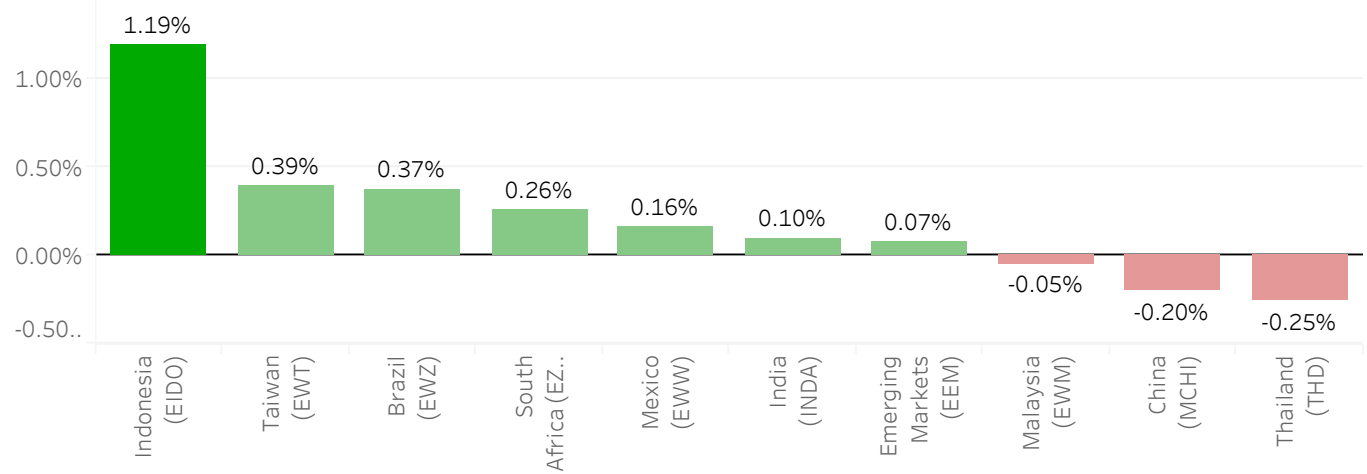
Ticker	Fund	Value
EWH	iShares MSCI Hong Kong ETF	38.01
EWL	iShares MSCI Switzerland ETF	45.85
BBAX	JPMorgan BetaBuilders Developed Asia Pacific ex-Ja..	46.69
TTAI	FCF International Quality ETF	49.13
FSZ	First Trust Switzerland AlphaDEX Fund	49.79
BKIC	BNY Mellon Concentrated International ETF	50.91
ENZL	iShares MSCI New Zealand ETF	51.07
IDLV	Invesco S&P International Developed Low Volatility ..	51.12
EPP	iShares MSCI Pacific ex-Japan ETF	51.14
EUDG	WisdomTree Europe Quality Dividend Growth Fund	51.41

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

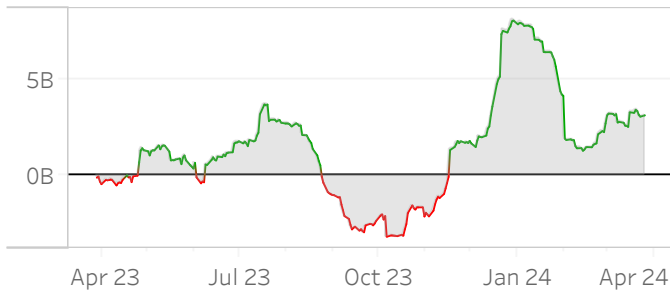
Emerging (EEM)



Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



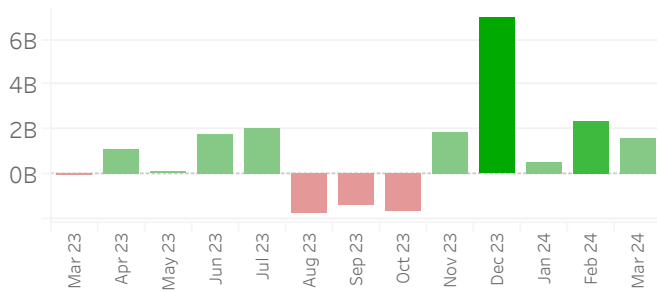
Emerging 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
EIDO	iShares MSCI Indonesia ETF	1.19%
PIE	Invesco Dorsey Wright Emerging Markets Momentum E..	0.77%
DVYE	iShares Emerging Markets Dividend ETF	0.57%
EWZS	iShares MSCI Brazil Small-Cap ETF	0.49%
EYLD	Cambria Emerging Shareholder Yield ETF	0.42%
PIN	Invesco India ETF	0.42%
EWT	iShares MSCI Taiwan ETF	0.39%
FLLA	Franklin FTSE Latin America ETF	0.38%
EWZ	iShares MSCI Brazil ETF	0.37%
EMXF	iShares ESG Advanced MSCI EM ETF	0.37%

Emerging Most Overbought

Ticker	Fund	Value
FM	iShares Frontier and Select EM ETF	80.07
EPU	iShares MSCI Peru and Global Exposure ETF	71.01
ARGT	Global X MSCI Argentina ETF	67.58
FLTW	Franklin FTSE Taiwan ETF Franklin FTSE Taiwan Fund	66.10
EWT	iShares MSCI Taiwan ETF	64.54
XCEM	Columbia EM Core ex-China ETF	60.61
PIE	Invesco Dorsey Wright Emerging Markets Momentu..	60.55
HEEM	iShares Currency Hedged MSCI Emerging Markets ETF	59.39
EMXC	iShares MSCI Emerging Markets ex China ETF	58.86
DGS	WisdomTree Emerging Markets SmallCap Dividend F..	58.09

Emerging Monthly Flows



Emerging 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
QAT	iShares MSCI Qatar ETF	-1.99%
TUR	iShares MSCI Turkey ETF	-1.02%
EPOL	iShares MSCI Poland ETF	-0.95%
KSA	iShares MSCI Saudi Arabia ETF	-0.91%
DBEM	Xtrackers MSCI Emerging Markets Hedged Equity ETF	-0.62%
ECNS	iShares MSCI China Small-Cap ETF	-0.60%
EPU	iShares MSCI Peru and Global Exposure ETF	-0.57%
NUEM	Nuveen ESG Emerging Markets Equity ETF	-0.51%
FLCH	Franklin FTSE China ETF	-0.45%
DGRE	WisdomTree Emerging Markets Quality Dividend Growt..	-0.35%

Emerging Most Oversold

Ticker	Fund	Value
THD	iShares MSCI Thailand ETF	37.91
SMIN	iShares MSCI India Small Cap ETF	42.54
EPI	WisdomTree India Earnings Fund	42.78
GLIN	VanEck India Growth Leaders ETF	43.20
QAT	iShares MSCI Qatar ETF	43.31
EWZ	iShares MSCI Brazil ETF	44.51
PIN	Invesco India ETF	44.85
INDY	iShares India 50 ETF	45.31
INDA	iShares MSCI India ETF	45.32
NFTY	First Trust India NIFTY 50 Equal Weight ETF	45.63

* 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	-0.18%	0.60%	-1.04%
SHY	1-3 Year Treasury Bonds	-0.05%	0.36%	0.20%
IEF	7-10 Year Treasury Bonds	-0.26%	0.49%	-1.72%
TLT	20+ Year Treasury Bonds	-0.50%	-0.07%	-4.84%
TIP	TIPS Bonds	-0.32%	0.74%	-0.45%
FLOT	Floating Rate Bonds	0.00%	0.55%	1.79%
LQD	Investment Grade Corporate	-0.34%	0.59%	-1.43%
HYG	High Yield Corporate	-0.15%	0.87%	1.31%
BKLN	Senior Loan	0.10%	0.55%	1.49%
PFF	Preferred & Income Securities	-0.46%	0.85%	4.59%
MUB	Municipal Bonds	-0.36%	-0.14%	-0.31%
MBB	MBS	-0.09%	0.90%	-1.24%
EMB	Dollar Denominated EM Bonds	-0.08%	2.23%	1.60%
LEMB	Local Currency EM Bond	0.33%	0.84%	-1.50%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	0.65%	5.15%	2.17%
DBE	Energy	1.05%	5.65%	7.97%
USO	WTI Crude Oil	1.41%	8.12%	16.67%
BNO	Brent Crude Oil	1.31%	7.63%	15.71%
UNG	Natural Gas	-0.46%	-1.12%	-25.84%
UGA	Gasoline	0.51%	9.66%	17.40%
DBP	Precious Metals	0.31%	6.84%	5.02%
GLD	Gold	0.32%	6.56%	5.14%
SLV	Silver	0.09%	7.58%	3.67%
PPLT	abrdrn Physical Platin..	0.91%	0.37%	-8.83%
PALL	abrdrn Physical Palla..	1.96%	3.29%	-8.35%
DBB	Base Metals	0.67%	4.65%	-1.53%
CPER	Copper	0.60%	4.14%	4.10%
DBA	Agriculture	2.33%	11.19%	18.80%
CORN	Corn	-0.20%	6.13%	-7.00%
SOYB	Soybeans	0.79%	5.49%	-6.07%
WEAT	Wheat	0.56%	0.75%	-10.22%
CANE	Sugar	0.23%	0.38%	7.06%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	-0.25%	0.75%	4.28%
UDN	Short Dollar	0.34%	0.17%	-2.06%
FXE	Euro	0.31%	0.37%	-1.26%
FXB	British Pound Sterling	0.37%	0.03%	-0.09%
FXF	Swiss Franc	-0.11%	-1.96%	-6.39%
FXJ	Japanese Yen	-0.02%	-0.58%	-7.02%
FXC	Canadian Dollar	0.19%	-0.33%	-1.87%
FXA	Australian Dollar	0.39%	-0.25%	-3.70%

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[FactSet Research Systems](#)

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