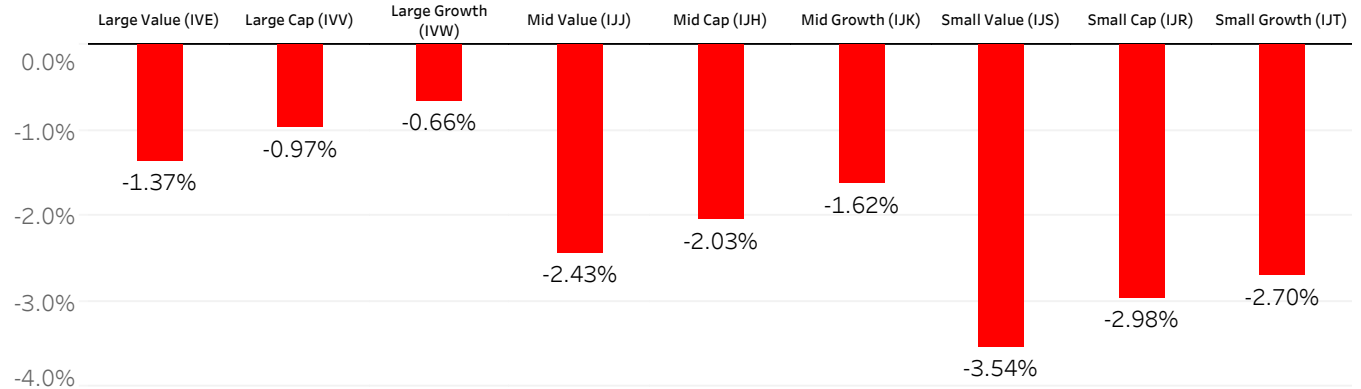


Large Cap Blend (S&P 500) IVV



U.S. Size & Style 1-Day Performance



Mid Cap Blend (S&P 400) IJH



Size & Style 1-Day Performance Leaders

Ticker	Fund	Performance
SPC	CrossingBridge Pre-Merger SPAC ETF	0.12%
RUFF	Alpha Dog ETF	-0.04%
WINN	Harbor Long-Term Growers ETF	-0.33%
MTUM	iShares MSCI USA Momentum Factor ETF	-0.40%
PTNQ	Pacer Trendpilot 100 ETF	-0.42%
FFTY	Innovator IBD 50 ETF	-0.45%
GVIP	Goldman Sachs Hedge Industry VIP ETF	-0.48%
FDMO	Fidelity Momentum Factor ETF	-0.50%
MBCC	Monarch Blue Chips Core Index ETF	-0.52%
MMTM	SPDR S&P 1500 Momentum Tilt ETF	-0.54%

Size & Style Most Overbought

Ticker	Fund	Value
SPC	CrossingBridge Pre-Merger SPAC ETF	63.32
GRPM	Invesco S&P MidCap 400 GARP ETF	56.16
DIVZ	Opal Dividend Income ETF	55.62
SPVU	Invesco S&P 500 Enhanced Value ETF	55.20
PWV	Invesco Large Cap Value ETF	54.95
COWZ	Pacer US Cash Cows 100 ETF	54.53
RUFF	Alpha Dog ETF	54.51
DUSA	Davis Select U.S. Equity ETF	54.26
CSD	Invesco S&P Spin-Off ETF	54.00
TPHE	Timothy Plan High Dividend Stock Enhanced ETF	53.54

Small Cap Blend (S&P 600) IJR



Size & Style 1-Day Performance Laggards

Ticker	Fund	Performance
SMDV	ProShares Russell 2000 Dividend Growers ETF	-3.76%
IJS	iShares S&P Small-Cap 600 Value ETF	-3.54%
SMLV	SPDR SSGA US Small Cap Low Volatility Index ETF	-3.54%
SLYV	SPDR S&P 600 Small Cap Value ETF	-3.52%
SVAL	iShares US Small Cap Value Factor ETF	-3.42%
VIOV	Vanguard S&P Small-Cap 600 Value ETF	-3.34%
FYT	First Trust Small Cap Value AlphaDEX Fund	-3.29%
VTWV	Vanguard Russell 2000 Value ETF	-3.21%
DES	WisdomTree U.S. SmallCap Dividend Fund	-3.20%
ISMD	Inspire Small/Mid Cap ETF	-3.16%

Size & Style Most Oversold

Ticker	Fund	Value
SMLV	SPDR SSGA US Small Cap Low Volatility Index ETF	37.21
DIA	SPDR Dow Jones Industrial Average ETF Trust	38.92
XSLV	Invesco S&P SmallCap Low Volatility ETF	39.11
SIXS	ETC 6 Meridian Small Cap Equity ETF	39.19
SIXL	ETC 6 Meridian Low Beta Equity ETF	39.26
SELV	SEI Enhanced Low Volatility U.S. Large Cap ETF	39.54
EDOW	First Trust Dow 30 Equal Weight ETF	39.55
SMDV	ProShares Russell 2000 Dividend Growers ETF	39.78
OUSA	ALPS O'Shares U.S. Quality Dividend ETF	39.95
FTCS	First Trust Capital Strength ETF	39.97

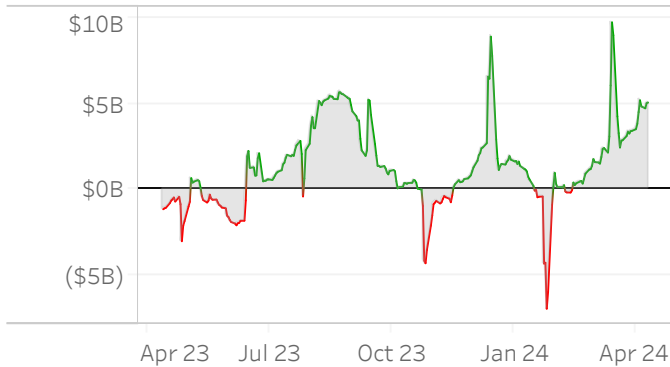
■ Closing Price   ■ 50 Day Moving Average   ■ 200 Day Moving Average

\* 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	\$1,876B	(\$5.03B)	\$45.56B	\$134.59B	\$208.83B
Large Cap, Beta, Beta: Growth	10	\$364B	\$0.76B	\$10.82B	\$18.19B	\$25.18B
Large Cap, Beta, Beta: Value	11	\$262B	\$0.13B	\$3.60B	\$8.27B	\$5.21B
Mid Cap, Beta, Beta	10	\$231B	\$0.76B	\$4.23B	\$4.25B	\$10.55B
Mid Cap, Beta, Beta: Growth	6	\$44B	\$0.03B	\$1.25B	\$2.09B	\$2.70B
Mid Cap, Beta, Beta: Value	6	\$42B	(\$0.04B)	(\$1.31B)	(\$1.42B)	(\$2.90B)
Small Cap, Beta, Beta	11	\$241B	\$0.43B	\$2.13B	\$15.82B	\$22.39B
Small Cap, Beta, Beta: Growth	7	\$40B	(\$0.03B)	\$0.87B	\$2.29B	\$2.77B
Small Cap, Beta, Beta: Value	7	\$55B	\$0.12B	(\$0.74B)	\$0.42B	(\$1.03B)

### U.S. Size & Style Flow Leaders

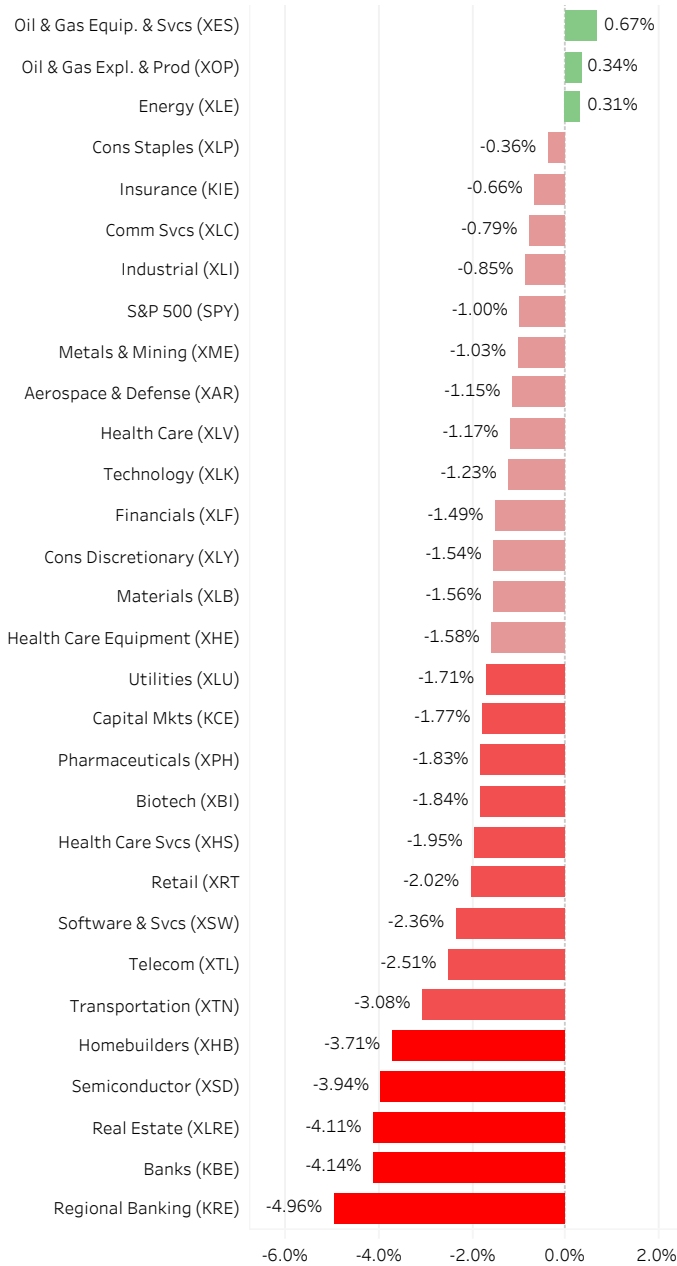
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
RSP	Invesco S&P 500 Equal Weight ETF	\$2.74B	\$3.24B	\$9.43B	\$16.39B	\$56.88B
VOO	Vanguard S&P 500 ETF	\$1.58B	\$23.37B	\$37.62B	\$64.44B	\$435.82B
VUG	Vanguard Growth ETF	\$0.63B	\$3.56B	\$5.34B	\$5.86B	\$118.96B
IWM	iShares Russell 2000 ETF	\$0.46B	(\$3.72B)	\$5.07B	\$5.52B	\$64.26B
IWR	iShares Russell Midcap ETF	\$0.38B	\$0.71B	\$0.73B	\$0.85B	\$33.76B
VO	Vanguard Mid-Cap ETF	\$0.37B	\$1.25B	\$2.18B	\$3.41B	\$64.48B
SPLG	SPDR Portfolio S&P 500 ETF	\$0.32B	\$4.85B	\$9.33B	\$12.16B	\$33.76B
DFAC	Dimensional U.S. Core Equity 2 ETF	\$0.26B	\$1.02B	\$1.91B	\$4.15B	\$27.41B
COWZ	Pacer US Cash Cows 100 ETF	\$0.17B	\$2.35B	\$4.80B	\$6.30B	\$23.23B
AVUV	Avantis U.S. Small Cap Value ETF	\$0.15B	\$1.41B	\$2.61B	\$3.77B	\$10.90B

### U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
QQQ	Invesco QQQ Trust Series I	(\$0.81B)	\$7.04B	\$10.60B	\$16.24B	\$257.64B
FNX	First Trust Mid Cap Core AlphaDEX Fund	(\$0.29B)	\$0.02B	\$0.00B	\$0.00B	\$1.20B
FTC	First Trust Large Cap Growth AlphaDEX Fund	(\$0.26B)	(\$0.02B)	(\$0.08B)	(\$0.08B)	\$1.11B
FEX	First Trust Large Cap Core AlphaDEX Fund	(\$0.25B)	\$0.00B	(\$0.07B)	(\$0.15B)	\$1.20B
FTA	First Trust Large Cap Value AlphaDEX Fund	(\$0.24B)	(\$0.02B)	(\$0.07B)	(\$0.17B)	\$1.22B
GSLC	Goldman Sachs ActiveBeta U.S. Large Cap Eq..	(\$0.20B)	(\$0.52B)	(\$0.97B)	(\$1.47B)	\$12.01B
MDY	SPDR S&P Midcap 400 ETF Trust	(\$0.15B)	(\$0.10B)	\$0.15B	(\$0.38B)	\$22.10B
DFAT	Dimensional U.S. Targeted Value ETF	(\$0.10B)	\$0.07B	\$0.21B	\$0.53B	\$9.91B
FNY	First Trust Mid Cap Growth AlphaDEX Fund	(\$0.10B)	\$0.00B	\$0.00B	\$0.03B	\$0.33B
FVD	First Trust Value Line Dividend Index Fund	(\$0.09B)	(\$0.95B)	(\$1.77B)	(\$2.58B)	\$9.96B

\* 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	-0.30%	27.68%	9.62%	12.65%	79.38
XLC	Communication Services Select Sector SPDR Fund	-1.01%	46.04%	2.30%	14.37%	56.48
XLI	Industrial Select Sector SPDR Fund	-1.48%	28.67%	2.36%	12.21%	52.91
XLB	Materials Select Sector SPDR Fund	-1.56%	23.03%	3.67%	10.16%	54.21
SPY	SPDR S&P 500 ETF Trust	-1.73%	27.14%	0.88%	10.49%	48.06
XLF	Financial Select Sector SPDR Fund	-2.92%	30.02%	1.01%	12.20%	45.98
XLK	Technology Select Sector SPDR Fund	-2.99%	42.19%	-0.73%	10.61%	44.58
XLY	Consumer Discretionary Select Sector SPDR Fund	-3.48%	24.29%	-0.97%	4.20%	43.97
XLP	Consumer Staples Select Sector SPDR Fund	-4.12%	12.22%	-0.55%	2.91%	41.41
XLV	Health Care Select Sector SPDR Fund	-4.24%	14.98%	-2.45%	4.25%	36.03
XLRE	Real Estate Select Sector SPDR Fund	-7.19%	16.78%	-3.05%	0.67%	38.61
XLU	Utilities Select Sector SPDR Fund	-7.27%	15.36%	3.07%	3.28%	54.53

### Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
XES	SPDR S&P Oil & Gas Equipment & Services ETF	0.67%
PXJ	Invesco Oil & Gas Services ETF	0.65%
IEZ	iShares U.S. Oil Equipment & Services ETF	0.56%
PSCE	Invesco S&P SmallCap Energy ETF	0.45%
PXE	Invesco Energy Exploration & Production ETF	0.43%
FCG	First Trust Natural Gas ETF	0.39%
PXI	Invesco Dorsey Wright Energy Momentum ETF	0.38%
FENY	Fidelity MSCI Energy Index ETF	0.37%
VDE	Vanguard Energy ETF	0.35%
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	0.34%

### Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
FXN	First Trust Energy AlphaDEX Fund	82.19
FCG	First Trust Natural Gas ETF	81.62
IYE	iShares U.S. Energy ETF	80.83
IEO	iShares U.S. Oil & Gas Exploration & Production ETF	79.75
XLE	Energy Select Sector SPDR Fund	79.38
FENY	Fidelity MSCI Energy Index ETF	79.12
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	78.82
FTXN	First Trust Nasdaq Oil & Gas ETF	78.56
RSPG	Invesco S&P 500 Equal Weight Energy ETF	78.12
VDE	Vanguard Energy ETF	77.99

### Sector & Industry 1 Day Performance Laggards

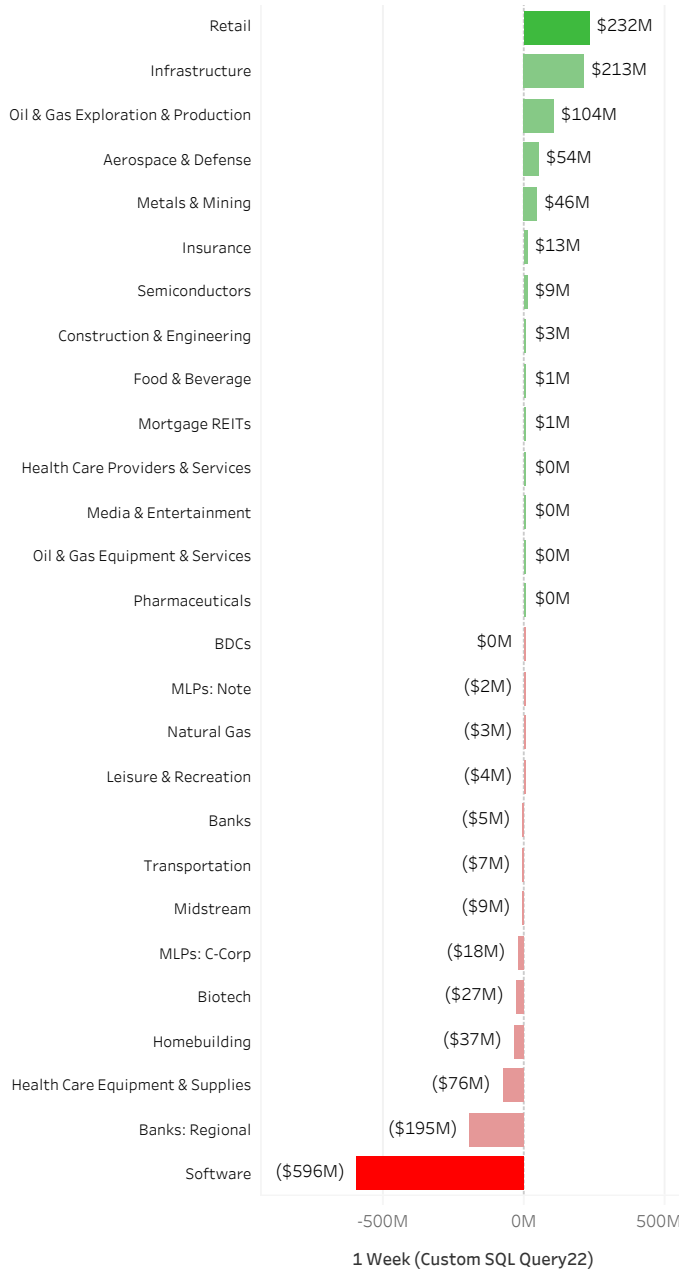
Ticker	Fund	1 Day Performance
KRE	SPDR S&P Regional Banking ETF	-4.96%
QABA	First Trust NASDAQ ABA Community Bank Index Fund	-4.92%
KBWR	Invesco KBW Regional Banking ETF	-4.87%
REM	iShares Mortgage Real Estate ETF	-4.76%
MORT	VanEck Mortgage REIT Income ETF	-4.72%
ITB	iShares U.S. Home Construction ETF	-4.70%
KBWY	Invesco KBW Premium Yield Equity REIT ETF	-4.24%
NETL	NETLease Corporate Real Estate ETF	-4.20%
VNQ	Vanguard Real Estate ETF	-4.14%
KBE	SPDR S&P Bank ETF	-4.14%

### Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
PSCC	Invesco S&P SmallCap Consumer Staples ETF	32.25
IYZ	iShares U.S. Telecommunications ETF	33.68
IHF	iShares U.S. Healthcare Providers ETF	34.22
IHE	iShares U.S. Pharmaceuticals ETF	34.64
XTL	SPDR S&P Telecom ETF	35.35
XPH	SPDR S&P Pharmaceuticals ETF	35.99
XLV	Health Care Select Sector SPDR Fund	36.03
MORT	VanEck Mortgage REIT Income ETF	36.15
IYH	iShares U.S. Healthcare ETF	36.85
VHT	Vanguard Health Care ETF	37.12

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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	(\$196M)	\$488M	\$1,496M	\$3,648M
Consumer Discretionary	12	\$31B	\$529M	\$1,693M	\$1,915M	\$3,542M
Consumer Staples	10	\$25B	(\$303M)	(\$1,426M)	(\$4,210M)	(\$5,256M)
Energy	30	\$81B	\$682M	\$781M	(\$237M)	(\$3,511M)
Financials	26	\$66B	\$208M	(\$1,650M)	\$252M	(\$1,515M)
Health Care	23	\$90B	(\$772M)	(\$1,643M)	(\$4,040M)	(\$7,308M)
Industrial	13	\$42B	(\$90M)	\$1,949M	\$1,956M	\$2,752M
Materials	9	\$13B	\$136M	(\$217M)	(\$855M)	(\$2,743M)
Multi-Sector	16	\$24B	(\$8M)	\$1,320M	\$1,026M	\$3,489M
Real Estate	25	\$61B	(\$224M)	\$1,107M	\$3,621M	\$2,651M
Technology	23	\$197B	(\$722M)	\$5,812M	\$11,044M	\$11,589M
Utilities	9	\$20B	(\$115M)	(\$2,858M)	(\$4,039M)	(\$4,287M)

## U.S. Sector & Industry Flow Leaders

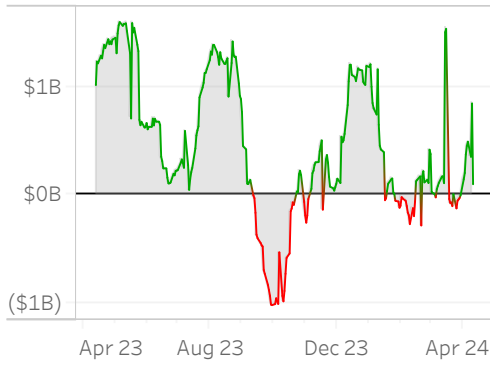
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLE	Energy Select Sector SPDR Fund	\$571M	\$394M	(\$147M)	(\$2,623M)	\$41,861M
IAI	iShares U.S. Broker-Dealers & Securities Excha..	\$305M	\$345M	\$330M	(\$60M)	\$799M
XLY	Consumer Discretionary Select Sector SPDR Fu..	\$297M	\$1,282M	\$1,760M	\$2,778M	\$20,489M
XRT	SPDR S&P Retail ETF	\$232M	\$133M	\$193M	\$166M	\$643M
PAVE	Global X U.S. Infrastructure Development ETF	\$193M	\$1,080M	\$991M	\$1,766M	\$7,612M
XLF	Financial Select Sector SPDR Fund	\$110M	\$331M	\$681M	\$226M	\$38,355M
XLB	Materials Select Sector SPDR Fund	\$66M	(\$264M)	(\$321M)	(\$419M)	\$5,916M
ITA	iShares U.S. Aerospace & Defense ETF	\$65M	(\$223M)	\$62M	(\$472M)	\$6,015M
VIS	Vanguard Industrials ETF	\$58M	\$451M	\$235M	\$526M	\$5,358M
IEO	iShares U.S. Oil & Gas Exploration & Production..	\$56M	\$68M	(\$127M)	\$6M	\$893M

## U.S. Sector & Industry Flow Laggards

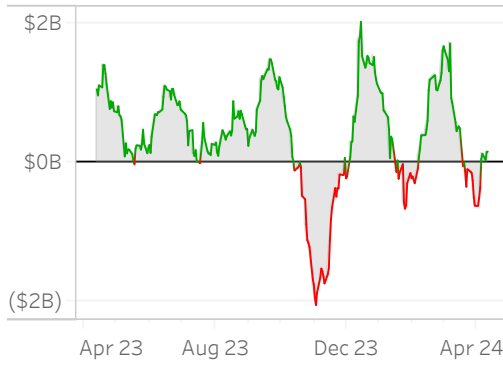
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLV	Health Care Select Sector SPDR Fund	(\$630M)	(\$1,099M)	(\$2,705M)	(\$3,267M)	\$39,167M
IGV	iShares Expanded Tech-Software Sector ETF	(\$598M)	(\$1,047M)	(\$1,040M)	(\$780M)	\$6,789M
XLP	Consumer Staples Select Sector SPDR Fund	(\$294M)	(\$1,037M)	(\$2,879M)	(\$2,524M)	\$14,612M
XLI	Industrial Select Sector SPDR Fund	(\$219M)	\$1,246M	\$712M	\$1,407M	\$18,299M
KRE	SPDR S&P Regional Banking ETF	(\$190M)	(\$944M)	(\$369M)	(\$666M)	\$2,683M
FDN	First Trust Dow Jones Internet Index Fund	(\$183M)	(\$353M)	(\$760M)	\$432M	\$6,263M
IYR	iShares U.S. Real Estate ETF	(\$154M)	(\$223M)	\$1,415M	\$1,050M	\$4,143M
XLU	Utilities Select Sector SPDR Fund	(\$121M)	(\$2,764M)	(\$3,265M)	(\$3,152M)	\$12,119M
XLC	Communication Services Select Sector SPDR Fu..	(\$112M)	\$362M	\$1,512M	\$3,234M	\$18,481M
VOX	Vanguard Communication Services ETF	(\$79M)	\$83M	(\$97M)	\$279M	\$4,055M

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

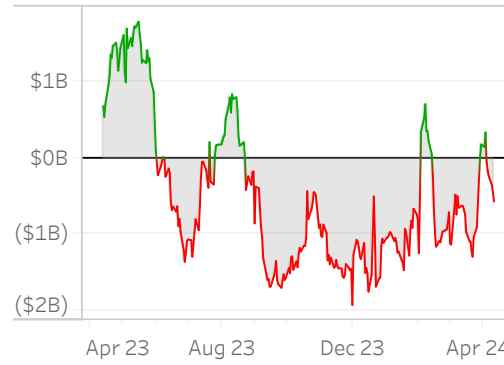
Communication Services



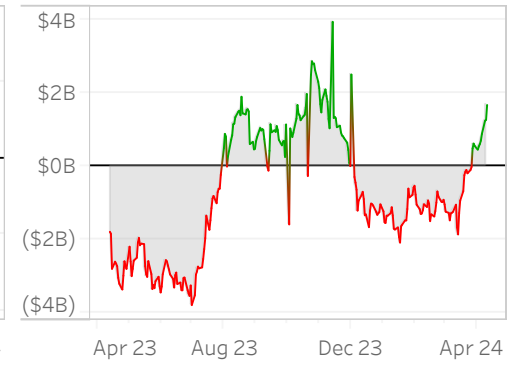
Consumer Discretionary



Consumer Staples



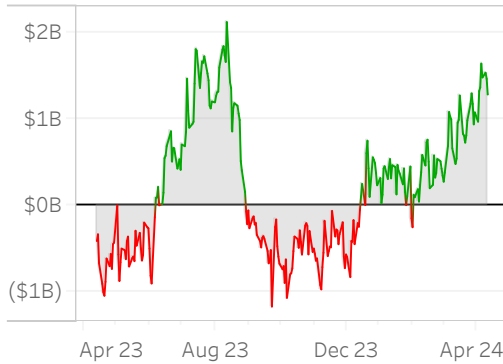
Energy



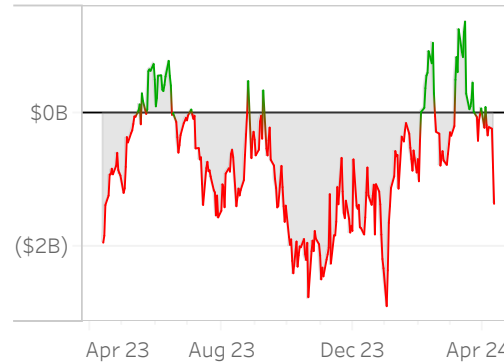
Financials



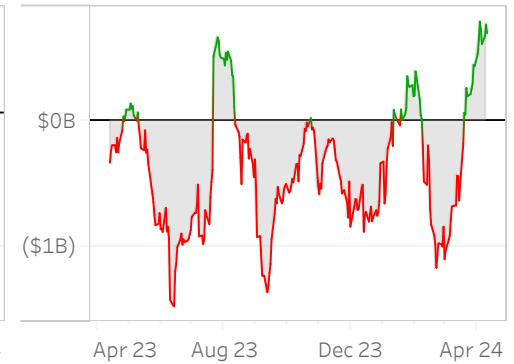
Industrial



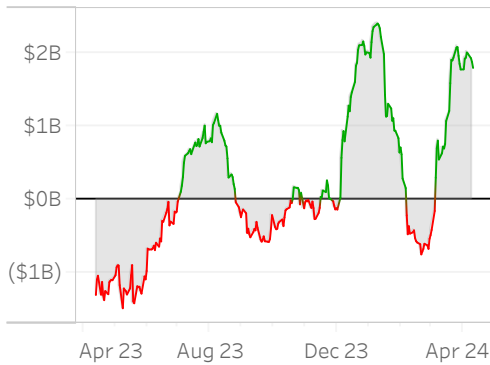
Health Care



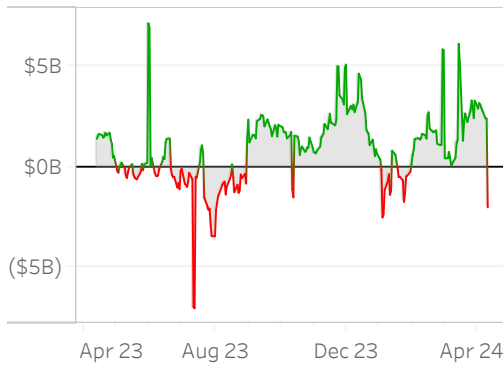
Materials



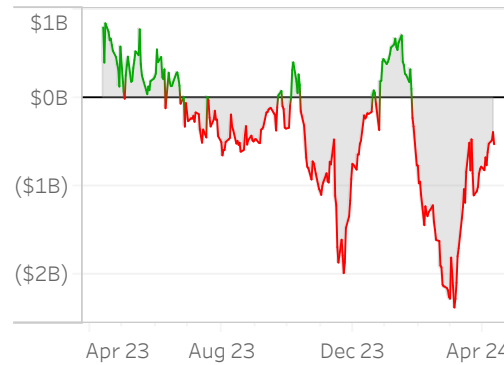
Real Estate



Technology



Utilities

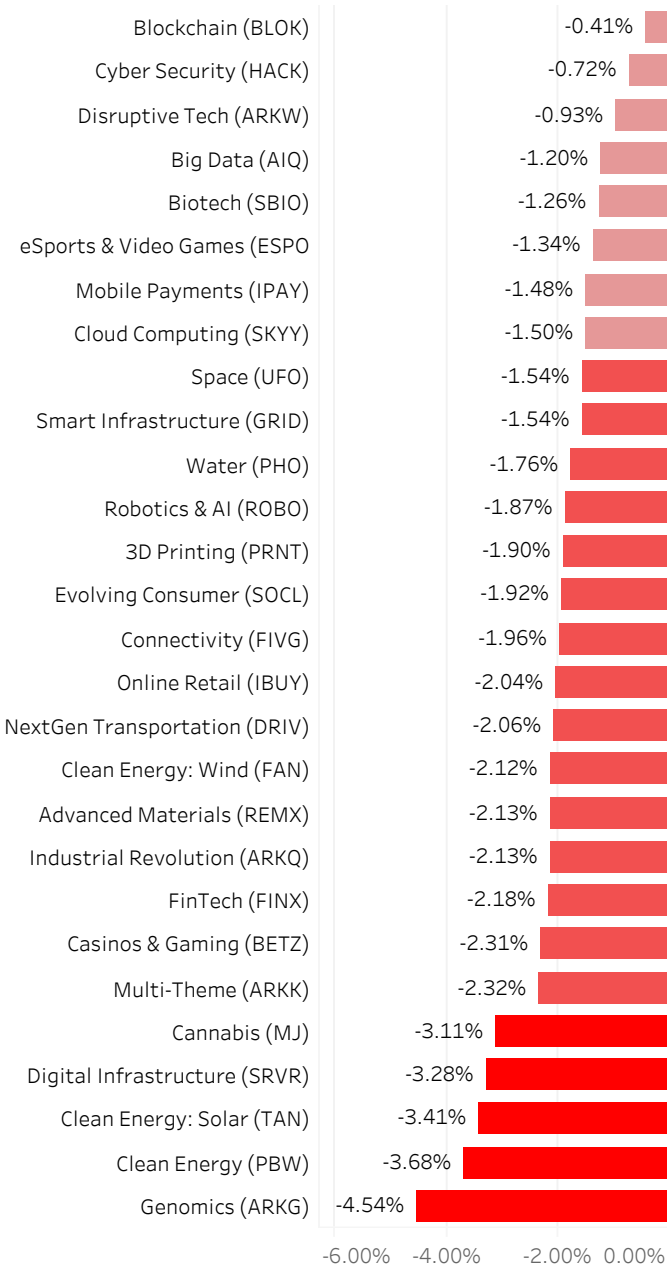


Multi-Sector

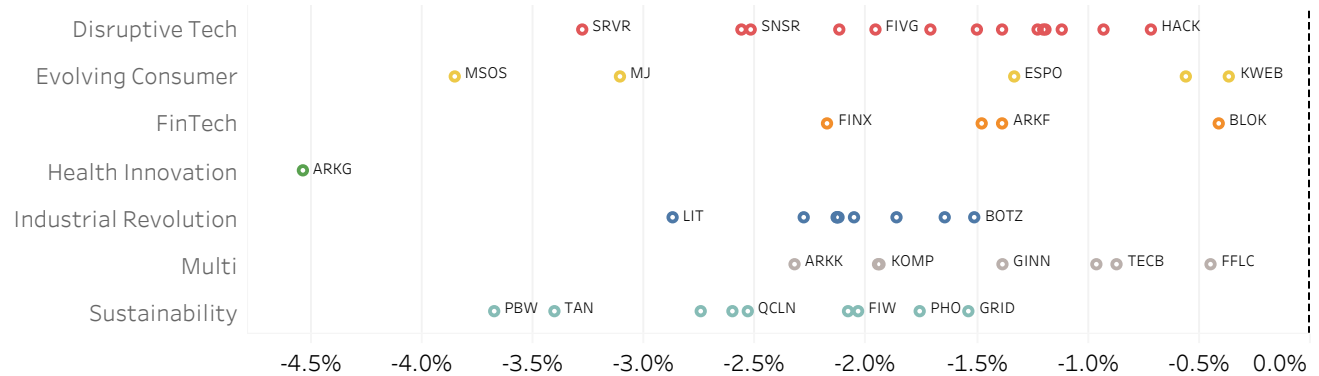


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## Global Thematic Segment 1-Day Performance



## Global Thematic 1-Day Performance Landscape



### Global Thematic 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
CRPT	First Trust SkyBridge Crypto Industry & Digital Economy ..	4.00%
BITQ	Bitwise Crypto Industry Innovators ETF	0.78%
BLCN	Siren ETF Trust Siren Nasdaq NexGen Economy ETF	0.48%
DAPP	VanEck Digital Transformation ETF	0.40%
SAMT	Strategas Macro Thematic Opportunities ETF	0.28%
ENTR	ERShares Entrepreneurs ETF	-0.07%
KWEB	KraneShares CSI China Internet ETF	-0.37%
BLOK	Amplify Transformational Data Sharing ETF	-0.41%
EMQQ	EMQQ The Emerging Markets Internet & Ecommerce ETF	-0.56%
GBUY	Goldman Sachs Future Consumer Equity ETF	-0.67%

### Thematic Most Overbought

Ticker	Fund	Price
EMQQ	EMQQ The Emerging Markets Internet & Ecommerce ETF	59.68
KWEB	KraneShares CSI China Internet ETF	59.33
REMX	VanEck Rare Earth/Strategic Metals ETF	57.71
YOLO	AdvisorShares Pure Cannabis ETF	57.53
ONLN	ProShares Online Retail ETF	56.66
SAMT	Strategas Macro Thematic Opportunities ETF	55.35
EVX	VanEck Environmental Services ETF	54.90
MJ	Amplify Alternative Harvest ETF	53.62
ENTR	ERShares Entrepreneurs ETF	52.66
MSOS	AdvisorShares Pure US Cannabis ETF	52.59

### Global Thematic 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
ARKG	ARK Genomic Revolution ETF	-4.54%
MSOS	AdvisorShares Pure US Cannabis ETF	-3.85%
PBW	Invesco WilderHill Clean Energy ETF	-3.68%
CTEC	Global X CleanTech ETF	-3.65%
TAN	Invesco Solar ETF	-3.41%
MJUS	Amplify U.S. Alternative Harvest ETF	-3.37%
SRVR	Pacer Data & Infrastructure Real Estate ETF	-3.28%
MJ	Amplify Alternative Harvest ETF	-3.11%
GNOM	Global X Genomics & Biotechnology ETF	-3.04%
CNRG	SPDR S&P Kensho Clean Power ETF	-2.92%

### Thematic Most Oversold

Ticker	Fund	Price
SRVR	Pacer Data & Infrastructure Real Estate ETF	31.51
DTCR	Global X Data Center And Digital Infrastructure ETF	35.10
IZRL	ARK Israel Innovative Technology ETF	35.99
ARKG	ARK Genomic Revolution ETF	37.52
IHAK	iShares Cybersecurity & Tech ETF	38.32
WCLD	WisdomTree Cloud Computing Fund	38.89
WGM1	Valkyrie Bitcoin Miners ETF	39.14
GNOM	Global X Genomics & Biotechnology ETF	39.21
ROBT	First Trust Nasdaq Artificial Intelligence & Robotics ETF	39.22
BOTZ	Global X Robotics & Artificial Intelligence ETF	39.39

\* 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
MSOS	AdvisorShares Pure US Cannabis ETF	\$34M
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure Index	\$11M
DGIN	VanEck Digital India ETF	\$7M
QTUM	Defiance Quantum ETF	\$6M
FIW	First Trust Water ETF	\$5M
FFLC	Fidelity Fundamental Large Cap Core ETF	\$4M
DAPP	VanEck Digital Transformation ETF	\$3M
BUG	Global X Cybersecurity ETF	\$3M
ARKK	ARK Innovation ETF	\$2M

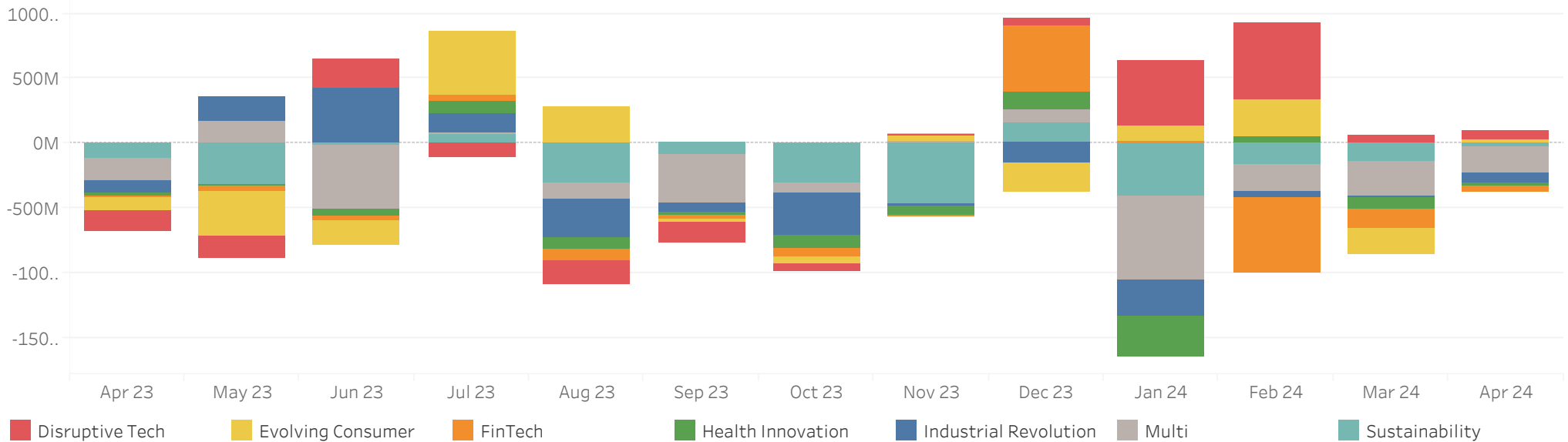
### Thematic 1 Week Flow Laggards

Ticker	Fund	Flow
BOTZ	Global X Robotics & Artificial Intelligence ETF	(\$36M)
KOMP	SPDR S&P Kensho New Economies Composite ETF	(\$28M)
ARKG	ARK Genomic Revolution ETF	(\$19M)
LIT	Global X Lithium & Battery Tech ETF	(\$18M)
WCLD	WisdomTree Cloud Computing Fund	(\$12M)
CLOU	Global X Cloud Computing ETF	(\$12M)
DRIV	Global X Autonomous & Electric Vehicles ETF	(\$11M)
IPAY	Amplify Mobile Payments ETF	(\$10M)
ICLN	iShares Global Clean Energy ETF	(\$10M)
EMQQ	EMQQ The Emerging Markets Internet & Ecommerce ETF	(\$10M)

### Thematic Landscape Assets & Flows

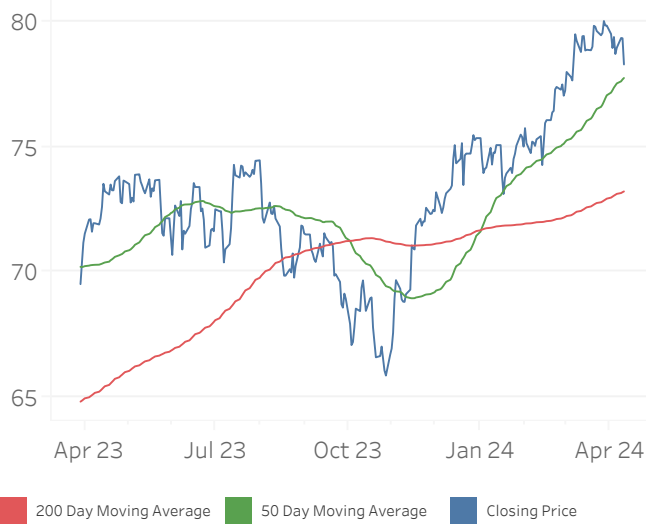
Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	33	\$21B	\$7M	\$1,213M	\$1,226M	\$673M
Evolving Consumer	34	\$9B	\$5M	\$263M	\$18M	\$146M
FinTech	17	\$3B	\$2M	(\$777M)	(\$256M)	(\$499M)
Health Innovation	17	\$2B	(\$21M)	(\$355M)	(\$414M)	(\$528M)
Industrial Revolution	29	\$10B	(\$58M)	(\$270M)	(\$802M)	(\$611M)
Multi	33	\$15B	(\$20M)	(\$1,039M)	(\$1,313M)	(\$2,249M)
Sustainability	39	\$12B	(\$3M)	(\$631M)	(\$1,298M)	(\$2,152M)
<b>Grand Total</b>	<b>202</b>	<b>\$73B</b>	<b>(\$89M)</b>	<b>(\$1,595M)</b>	<b>(\$2,840M)</b>	<b>(\$5,220M)</b>

### Thematic Monthly Flows

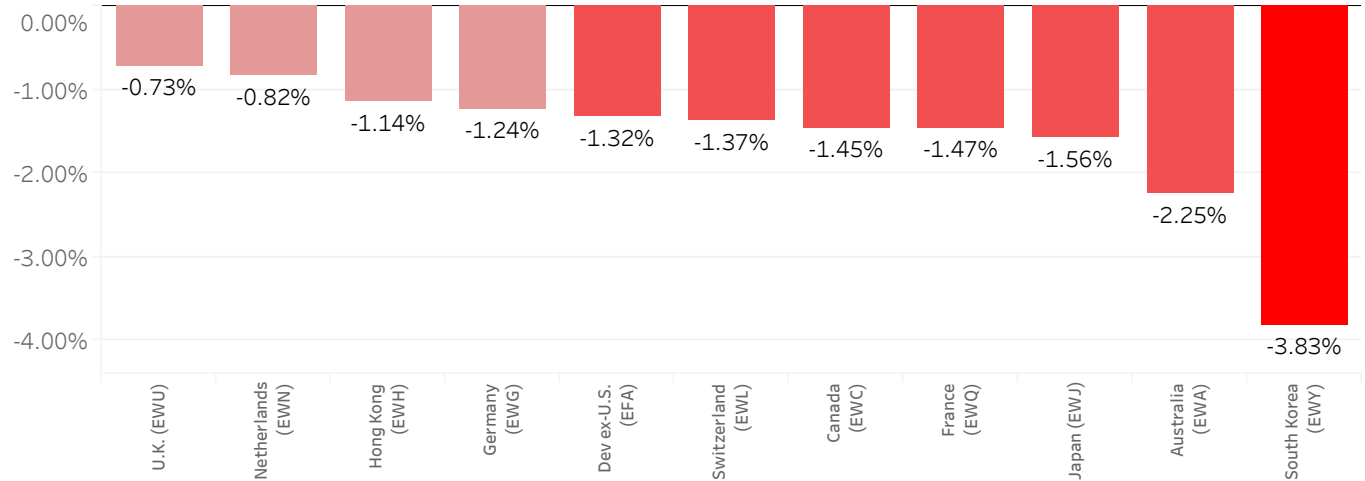


\* ETF Landscape represented using the ETF Action classification system\*\*Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify \*\*\*Flows delayed one day

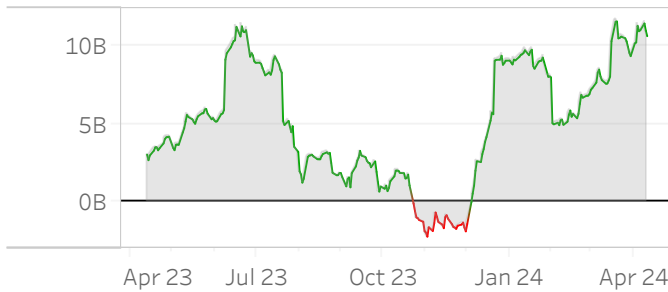
Developed ex-U.S. (EFA)



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



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



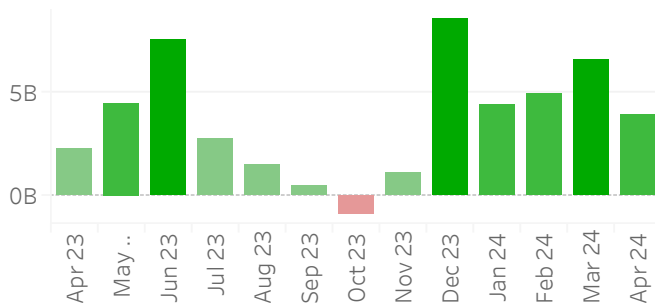
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
DBEU	Xtrackers MSCI Europe Hedged Equity ETF	0.05%
DXJS	WisdomTree Japan Hedged SmallCap Equity Fund	-0.12%
HEZU	iShares Currency Hedged MSCI Eurozone ETF	-0.19%
HEDJ	WisdomTree Europe Hedged Equity Fund	-0.23%
DBEF	Xtrackers MSCI EAFE Hedged Equity ETF	-0.30%
HEFA	iShares Currency Hedged MSCI EAFE ETF	-0.32%
IHDG	WisdomTree International Hedged Quality Dividend Growth ..	-0.38%
HSCZ	iShares Currency Hedged MSCI EAFE Small-Cap ETF	-0.39%
DDW..	WisdomTree Dynamic Currency Hedged International Equity ..	-0.53%
DXJ	WisdomTree Japan Hedged Equity Fund	-0.63%

Developed ex-U.S. Most Overbought

Ticker	Fund	Value
EWO	iShares MSCI Austria ETF	64.61
FDD	First Trust Stoxx European Select Dividend Index Fund	63.81
DFIV	Dimensional International Value ETF	60.60
NORW	Global X MSCI Norway ETF	59.61
AVIV	Avantis International Large Cap Value ETF	59.12
EWU	iShares MSCI United Kingdom ETF	58.75
HSCZ	iShares Currency Hedged MSCI EAFE Small-Cap ETF	58.69
DISV	Dimensional International Small Cap Value ETF	58.43
AVDV	Avantis International Small Cap Value ETF	58.22
FLGB	Franklin FTSE United Kingdom ETF	57.59

Developed ex-U.S. Monthly Flows



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

Ticker	Fund	1-Day Performance
EWY	iShares MSCI South Korea ETF	-3.83%
FLKR	Franklin FTSE South Korea ETF	-3.72%
EWA	iShares MSCI Australia ETF	-2.25%
IDMO	Invesco S&P International Developed Momentum ETF	-2.01%
EIS	iShares MSCI Israel ETF	-2.00%
BBAX	JPMorgan BetaBuilders Developed Asia Pacific ex-Japan E..	-1.99%
EPP	iShares MSCI Pacific ex-Japan ETF	-1.92%
ISRA	VanEck Israel ETF	-1.92%
EWP	iShares MSCI Spain ETF	-1.91%
IVAL	Alpha Architect International Quantitative Value ETF	-1.91%

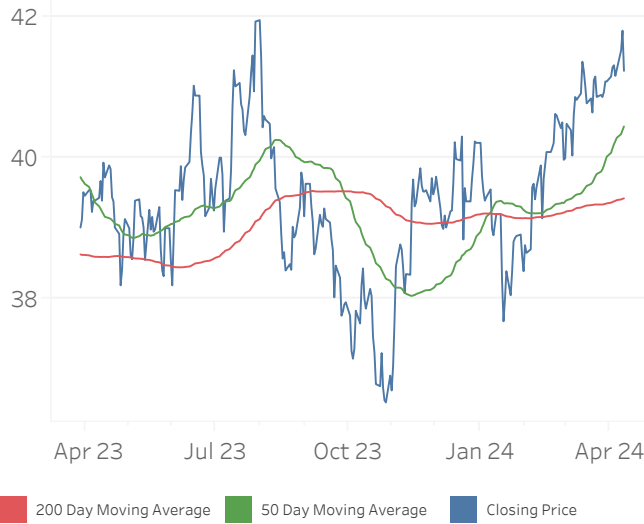
Developed ex-U.S. Most Oversold

Ticker	Fund	Value
FLKR	Franklin FTSE South Korea ETF	30.47
EWY	iShares MSCI South Korea ETF	31.77
EWL	iShares MSCI Switzerland ETF	33.01
FICS	First Trust International Developed Capital Strengt..	33.52
BKCI	BNY Mellon Concentrated International ETF	34.05
EFAD	ProShares MSCI EAFE Dividend Growers ETF	34.25
EFV	iShares MSCI EAFE Min Vol Factor ETF	34.97
IDLV	Invesco S&P International Developed Low Volatility ..	35.77
EUDG	WisdomTree Europe Quality Dividend Growth Fund	35.88
FSZ	First Trust Switzerland AlphaDEX Fund	36.16

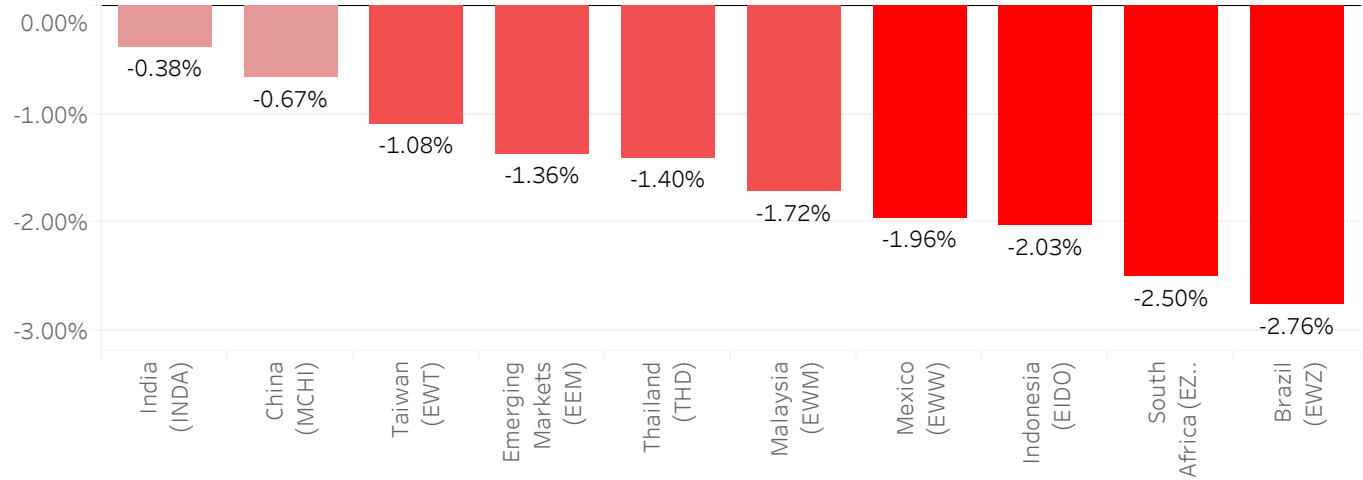
\* ETF Landscape represented using the ETF Action classification system\*\*Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify \*\*\*Flows delayed one day



Emerging (EEM)



Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



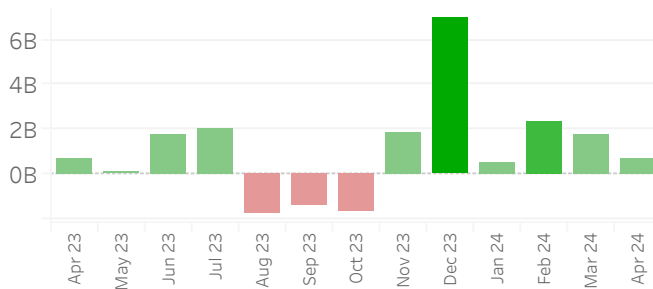
Emerging 1-Day Performance Leaders

Ticker	Fund	Performance
PGJ	Invesco Golden Dragon China ETF	-0.16%
KSA	iShares MSCI Saudi Arabia ETF	-0.27%
INDA	iShares MSCI India ETF	-0.38%
EPI	WisdomTree India Earnings Fund	-0.45%
INDY	iShares India 50 ETF	-0.47%
FXI	iShares China Large-Cap ETF	-0.49%
FLCH	Franklin FTSE China ETF	-0.50%
PIN	Invesco India ETF	-0.51%
FLIN	Franklin FTSE India ETF	-0.66%
MCHI	iShares MSCI China ETF	-0.67%

Emerging Most Overbought

Ticker	Fund	Price
EPU	iShares MSCI Peru and Global Exposure ETF	67.95
ARGT	Global X MSCI Argentina ETF	67.14
TUR	iShares MSCI Turkey ETF	65.30
SMIN	iShares MSCI India Small Cap ETF	64.26
ECOW	Pacer Emerging Markets Cash Cows 100 ETF	64.09
EPI	WisdomTree India Earnings Fund	62.84
INDA	iShares MSCI India ETF	62.83
PIE	Invesco Dorsey Wright Emerging Markets Momentu..	62.44
ECH	iShares MSCI Chile ETF	62.16
FLIN	Franklin FTSE India ETF	61.63

Emerging Monthly Flows



Emerging 1-Day Performance Laggards

Ticker	Fund	Performance
EWZS	iShares MSCI Brazil Small-Cap ETF	-3.89%
EWZ	iShares MSCI Brazil ETF	-2.76%
FLN	First Trust Latin America AlphaDEX Fund	-2.69%
FLBR	Franklin FTSE Brazil ETF Franklin FTSE Brazil Fund	-2.63%
EZA	iShares MSCI South Africa ETF	-2.50%
FLLA	Franklin FTSE Latin America ETF	-2.32%
ILF	iShares Latin America 40 ETF	-2.15%
EIDO	iShares MSCI Indonesia ETF	-2.03%
EWW	iShares MSCI Mexico ETF	-1.96%
CNYA	iShares MSCI China A ETF	-1.94%

Emerging Most Oversold

Ticker	Fund	Price
EPHE	iShares MSCI Philippines ETF	32.94
EIDO	iShares MSCI Indonesia ETF	35.30
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	41.06
CNYA	iShares MSCI China A ETF	42.06
VNM	VanEck Vietnam ETF	43.64
QAT	iShares MSCI Qatar ETF	44.53
KBA	KraneShares Bosera MSCI China A 50 Connect Index ..	44.68
EWM	iShares MSCI Malaysia ETF	44.97
EWZS	iShares MSCI Brazil Small-Cap ETF	45.32
EWZ	iShares MSCI Brazil ETF	45.87

\* 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	-1.20%	-2.26%	-2.66%
SHY	1-3 Year Treasury Bonds	-0.41%	-0.58%	-0.28%
IEF	7-10 Year Treasury Bonds	-1.33%	-3.04%	-3.72%
TLT	20+ Year Treasury Bonds	-2.18%	-5.44%	-7.87%
TIP	TIPS Bonds	-0.96%	-1.57%	-1.48%
FLOT	Floating Rate Bonds	0.00%	0.60%	2.12%
LQD	Investment Grade Corporate	-1.42%	-2.36%	-3.12%
HYG	High Yield Corporate	-0.88%	-0.68%	0.39%
BKLN	Senior Loan	-0.24%	0.31%	1.68%
PFF	Preferred & Income Securities	-1.56%	-1.79%	2.59%
MUB	Municipal Bonds	-0.68%	-1.62%	-1.36%
MBB	MBS	-1.49%	-2.75%	-3.33%
EMB	Dollar Denominated EM Bonds	-1.58%	-0.43%	0.59%
LEMB	Local Currency EM Bond	-1.14%	-1.56%	-2.39%

### Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	-0.15%	6.33%	6.75%
DBE	Energy	0.94%	8.37%	12.04%
USO	WTI Crude Oil	1.16%	11.90%	23.17%
BNO	Brent Crude Oil	1.22%	11.78%	21.97%
UNG	Natural Gas	-1.14%	-2.85%	-22.73%
UGA	Gasoline	0.80%	10.99%	19.97%
DBP	Precious Metals	-0.85%	8.70%	13.83%
GLD	Gold	-0.95%	6.93%	12.78%
SLV	Silver	-1.05%	14.48%	16.85%
PPLT	abrdrn Physical Platin..	-1.27%	6.03%	-2.59%
PALL	abrdrn Physical Palla..	-3.73%	2.76%	-4.49%
DBB	Base Metals	0.31%	9.68%	5.85%
CPER	Copper	-0.52%	10.27%	10.77%
DBA	Agriculture	0.88%	12.62%	21.79%
CORN	Corn	0.35%	-0.75%	-8.07%
SOYB	Soybeans	-0.72%	-0.60%	-8.11%
WEAT	Wheat	0.00%	4.86%	-9.72%
CANE	Sugar	-0.70%	-0.31%	3.43%

### Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	1.06%	2.92%	5.54%
UDN	Short Dollar	-0.97%	-2.11%	-2.93%
FXE	Euro	-1.03%	-1.57%	-2.01%
FXB	British Pound Sterling	-1.07%	-2.12%	-0.74%
FXF	Swiss Franc	-1.09%	-3.90%	-7.85%
FXJ	Japanese Yen	-0.80%	-3.87%	-7.98%
FXC	Canadian Dollar	-0.83%	-1.13%	-2.47%
FXA	Australian Dollar	-1.71%	-1.46%	-3.98%

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