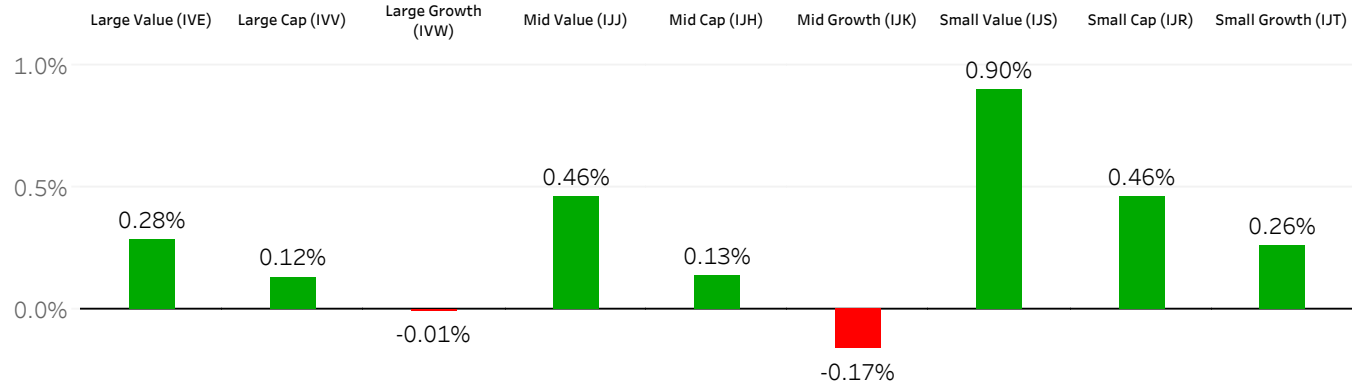


Large Cap Blend (S&P 500) IVV



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
SPHB	Invesco S&P 500 High Beta ETF	0.93%
IJS	iShares S&P Small-Cap 600 Value ETF	0.90%
SLYV	SPDR S&P 600 Small Cap Value ETF	0.85%
VIOV	Vanguard S&P Small-Cap 600 Value ETF	0.80%
MOAT	VanEck Morningstar Wide Moat ETF	0.77%
SPYD	SPDR Portfolio S&P 500 High Dividend ETF	0.77%
ISMD	Inspire Small/Mid Cap ETF	0.76%
ETHO	Amplify Etho Climate Leadership U.S. ETF	0.75%
QQQE	Direxion NASDAQ-100 Equal Weighted Index Shares	0.74%
FYT	First Trust Small Cap Value AlphaDEX Fund	0.74%

Size & Style Most Overbought

Ticker	Fund	Price
SPVU	Invesco S&P 500 Enhanced Value ETF	67.43
DIVZ	Opal Dividend Income ETF	66.66
TPHE	Timothy Plan High Dividend Stock Enhanced ETF	66.37
TPHD	Timothy Plan High Dividend Stock ETF	65.26
COWZ	Pacer US Cash Cows 100 ETF	65.21
GRPM	Invesco S&P MidCap 400 GARP ETF	64.96
CDC	VictoryShares US EQ Income Enhanced Volatility Wtd ETF	64.73
FTA	First Trust Large Cap Value AlphaDEX Fund	64.46
CDL	VictoryShares US Large Cap High Dividend Volatility Wtd ..	64.14
ONEY	SPDR Russell 1000 Yield Focus ETF	63.77

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	-2.00%
FFTY	Innovator IBD 50 ETF	-1.12%
XMMO	Invesco S&P MidCap Momentum ETF	-1.01%
PDP	Invesco Dorsey Wright Momentum ETF	-0.85%
PAMC	Pacer Lunt MidCap Multi-Factor Alternator ETF	-0.79%
SEIM	SEI Enhanced U.S. Large Cap Momentum Factor ETF	-0.77%
VFMO	Vanguard U.S. Momentum Factor ETF	-0.69%
LSAF	LeaderShares AlphaFactor US Core Equity ETF	-0.69%
MTUM	iShares MSCI USA Momentum Factor ETF	-0.63%
IPO	Renaissance IPO ETF	-0.59%

Size & Style Most Oversold

Ticker	Fund	Price
EDOW	First Trust Dow 30 Equal Weight ETF	44.97
FFTY	Innovator IBD 50 ETF	45.19
SELV	SEI Enhanced Low Volatility U.S. Large Cap ETF	45.86
DIA	SPDR Dow Jones Industrial Average ETF Trust	45.96
VSMV	VictoryShares US Multi-Factor Minimum Volatility E..	46.53
MBCC	Monarch Blue Chips Core Index ETF	46.57
HUSV	First Trust Horizon Managed Volatility Domestic ETF	46.76
SEIM	SEI Enhanced U.S. Large Cap Momentum Factor ETF	47.13
OUSA	ALPS O'Shares U.S. Quality Dividend ETF	47.21
VFMV	Vanguard U.S. Minimum Volatility ETF	47.49

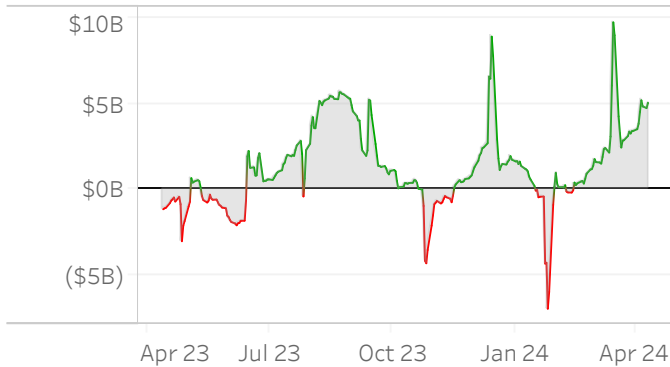
■ Closing Price ■ 50 Day Moving Average ■ 200 Day Moving Average

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

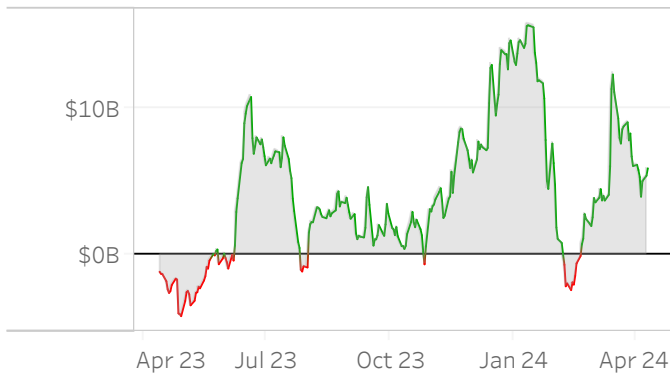
Large-Cap 30-Day Rolling Flows



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	\$1,873B	\$0.22B	\$45.56B	\$140.70B	\$210.85B
Large Cap, Beta, Beta: Growth	10	\$363B	\$0.59B	\$10.57B	\$18.05B	\$24.78B
Large Cap, Beta, Beta: Value	11	\$261B	\$0.24B	\$3.56B	\$8.30B	\$5.26B
Mid Cap, Beta, Beta	10	\$230B	\$0.75B	\$3.80B	\$3.97B	\$10.23B
Mid Cap, Beta, Beta: Growth	6	\$44B	\$0.05B	\$1.25B	\$2.08B	\$2.72B
Mid Cap, Beta, Beta: Value	6	\$42B	(\$0.06B)	(\$1.36B)	(\$1.40B)	(\$2.91B)
Small Cap, Beta, Beta	11	\$240B	\$1.10B	\$2.30B	\$15.47B	\$22.85B
Small Cap, Beta, Beta: Growth	7	\$40B	\$0.00B	\$0.90B	\$2.30B	\$2.79B
Small Cap, Beta, Beta: Value	7	\$54B	\$0.12B	(\$0.74B)	\$0.41B	(\$1.03B)

U.S. Size & Style Flow Leaders

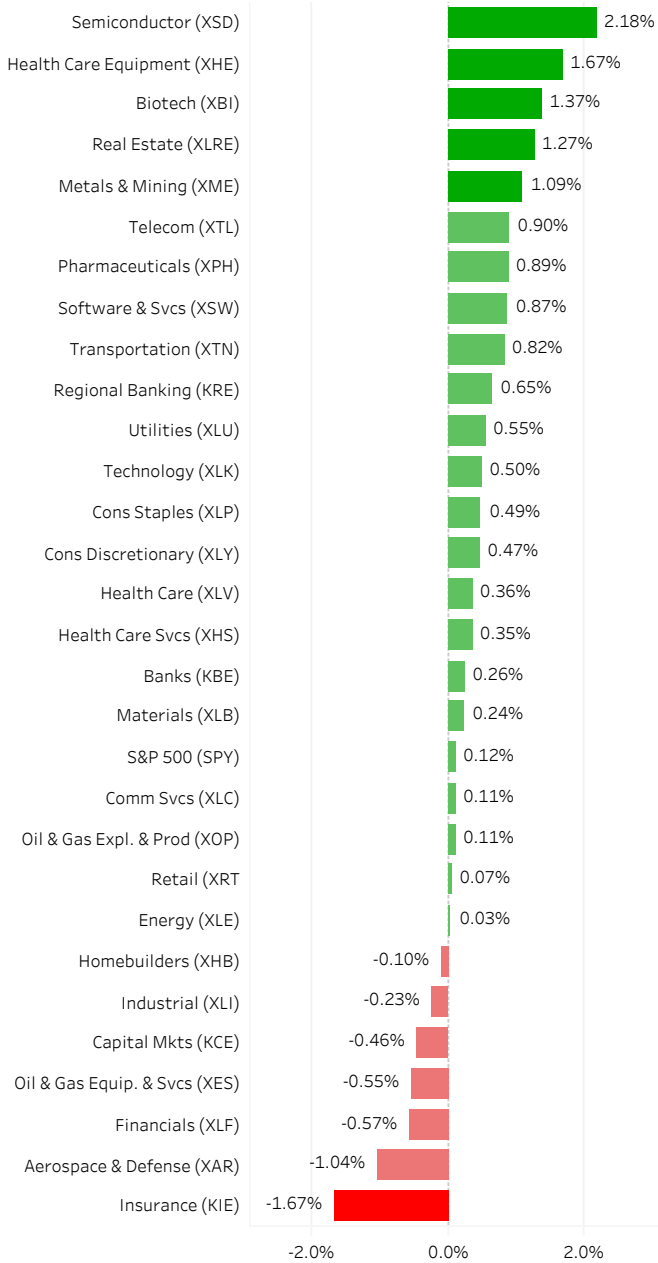
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
RSP	Invesco S&P 500 Equal Weight ETF	\$2.72B	\$3.12B	\$9.22B	\$16.31B	\$56.56B
VOO	Vanguard S&P 500 ETF	\$2.13B	\$23.64B	\$37.51B	\$64.27B	\$434.80B
IWM	iShares Russell 2000 ETF	\$0.67B	(\$3.62B)	\$4.73B	\$5.97B	\$64.03B
SPLG	SPDR Portfolio S&P 500 ETF	\$0.49B	\$4.99B	\$9.37B	\$12.25B	\$33.78B
VO	Vanguard Mid-Cap ETF	\$0.43B	\$1.22B	\$2.10B	\$3.37B	\$64.28B
QQQ	Invesco QQQ Trust Series I	\$0.40B	\$7.61B	\$12.62B	\$17.98B	\$257.93B
VUG	Vanguard Growth ETF	\$0.36B	\$3.16B	\$5.06B	\$5.46B	\$118.43B
IWR	iShares Russell Midcap ETF	\$0.19B	\$0.47B	\$0.53B	\$0.63B	\$33.46B
COWZ	Pacer US Cash Cows 100 ETF	\$0.19B	\$2.36B	\$4.79B	\$6.32B	\$23.16B
IWD	iShares Russell 1000 Value ETF	\$0.14B	(\$1.69B)	(\$0.72B)	(\$2.80B)	\$55.53B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
GSLC	Goldman Sachs ActiveBeta U.S. Large Cap Eq..	(\$0.41B)	(\$0.51B)	(\$0.98B)	(\$1.47B)	\$12.00B
DFUV	Dimensional US Marketwide Value ETF	(\$0.11B)	\$0.02B	\$0.30B	\$0.61B	\$10.56B
USMV	iShares MSCI USA Min Vol Factor ETF	(\$0.07B)	(\$3.86B)	(\$7.28B)	(\$8.01B)	\$24.14B
FVD	First Trust Value Line Dividend Index Fund	(\$0.06B)	(\$0.94B)	(\$1.78B)	(\$2.56B)	\$9.95B
SPLV	Invesco S&P 500 Low Volatility ETF	(\$0.05B)	(\$1.08B)	(\$1.37B)	(\$2.63B)	\$7.38B
ITOT	iShares Core S&P Total U.S. Stock Market ETF	(\$0.05B)	(\$0.09B)	\$0.62B	\$1.40B	\$53.62B
SPYG	SPDR Portfolio S&P 500 Growth ETF	(\$0.04B)	\$0.86B	\$1.57B	\$3.30B	\$24.82B
IWS	iShares Russell Mid-Cap Value ETF	(\$0.04B)	(\$0.09B)	(\$0.19B)	(\$0.73B)	\$13.92B
DVY	iShares Select Dividend ETF	(\$0.03B)	(\$0.78B)	(\$1.43B)	(\$3.53B)	\$18.70B
MTUM	iShares MSCI USA Momentum Factor ETF	(\$0.03B)	\$0.11B	(\$0.28B)	(\$2.36B)	\$10.11B

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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%	24.98%	5.53%	11.98%	67.52
XLC	Communication Services Select Sector SPDR Fund	-0.23%	47.19%	3.27%	15.41%	62.75
XLE	Energy Select Sector SPDR Fund	-0.60%	27.29%	9.64%	12.42%	78.59
XLI	Industrial Select Sector SPDR Fund	-0.64%	29.78%	3.43%	13.27%	59.19
SPY	SPDR S&P 500 ETF Trust	-0.74%	28.43%	2.03%	11.69%	56.21
XLF	Financial Select Sector SPDR Fund	-1.45%	31.99%	2.64%	14.02%	55.57
XLK	Technology Select Sector SPDR Fund	-1.79%	43.95%	0.57%	12.08%	50.81
XLY	Consumer Discretionary Select Sector SPDR Fund	-1.96%	26.24%	0.67%	5.85%	51.56
XLV	Health Care Select Sector SPDR Fund	-3.10%	16.35%	-1.28%	5.52%	42.03
XLRE	Real Estate Select Sector SPDR Fund	-3.21%	21.78%	1.07%	4.97%	54.13
XLP	Consumer Staples Select Sector SPDR Fund	-3.77%	12.62%	-0.15%	3.28%	44.21
XLU	Utilities Select Sector SPDR Fund	-5.75%	17.37%	4.97%	5.07%	66.92

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
XSD	SPDR S&P Semiconductor ETF	2.18%
NETL	NETLease Corporate Real Estate ETF	1.88%
KBWY	Invesco KBW Premium Yield Equity REIT ETF	1.79%
XHE	SPDR S&P Health Care Equipment ETF	1.67%
PSCT	Invesco S&P SmallCap Information Technology ETF	1.67%
FBT	First Trust NYSE Arca Biotechnology Index Fund	1.48%
JPRE	JPMorgan Realty Income ETF JPMorgan Realty Inc..	1.43%
PSR	Invesco Active U.S. Real Estate Fund	1.42%
SCHH	Schwab U.S. REIT ETF	1.41%
FTXL	First Trust Nasdaq Semiconductor ETF	1.39%

Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
FXN	First Trust Energy AlphaDEX Fund	81.83
FCG	First Trust Natural Gas ETF	80.76
IYE	iShares U.S. Energy ETF	80.14
IEO	iShares U.S. Oil & Gas Exploration & Production ETF	79.08
XLE	Energy Select Sector SPDR Fund	78.59
FENY	Fidelity MSCI Energy Index ETF	78.17
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	78.04
FTXN	First Trust Nasdaq Oil & Gas ETF	78.00
RSPG	Invesco S&P 500 Equal Weight Energy ETF	77.73
VDE	Vanguard Energy ETF	77.05

Sector & Industry 1 Day Performance Laggards

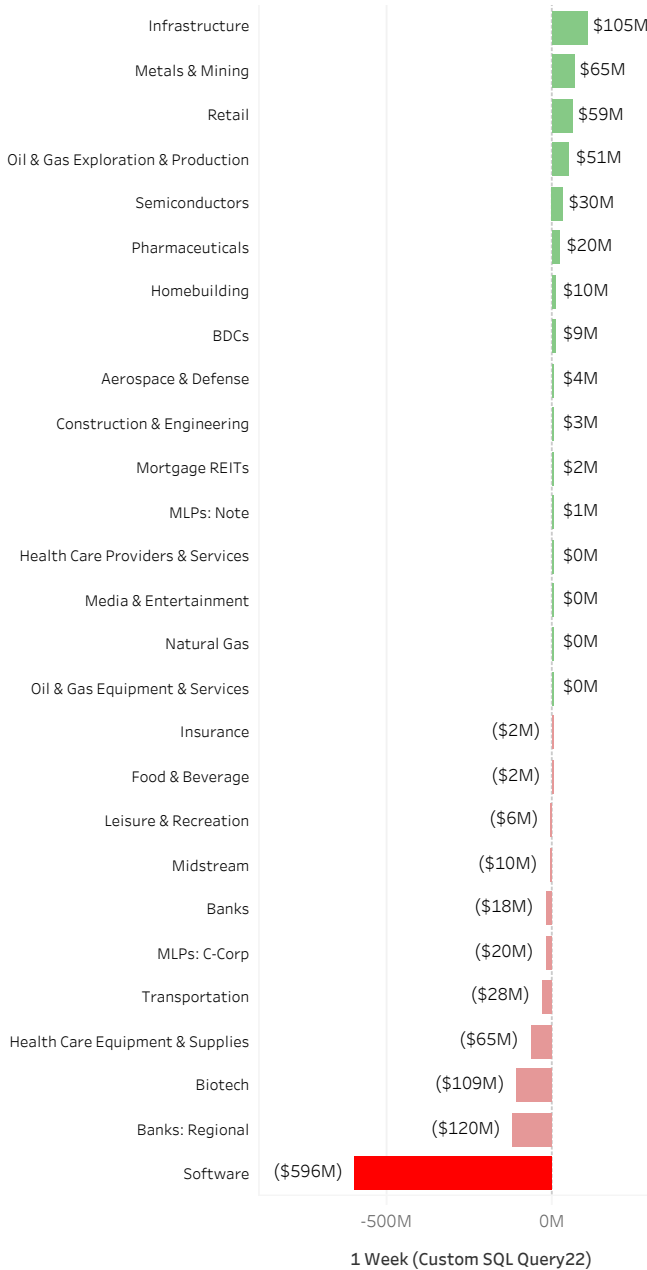
Ticker	Fund	1 Day Performance
IAK	iShares U.S. Insurance ETF	-2.18%
KBWP	Invesco KBW Property & Casualty Insurance ETF	-2.09%
KIE	SPDR S&P Insurance ETF	-1.67%
PFI	Invesco Dorsey Wright Financial Momentum ETF	-1.34%
PRN	Invesco Dorsey Wright Industrials Momentum ETF	-1.26%
PEZ	Invesco Dorsey Wright Consumer Cyclical Momentum...	-1.23%
PPA	Invesco Aerospace & Defense ETF	-1.17%
ITA	iShares U.S. Aerospace & Defense ETF	-1.06%
XAR	SPDR S&P Aerospace & Defense ETF	-1.04%
PXJ	Invesco Oil & Gas Services ETF	-0.94%

Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
IHE	iShares U.S. Pharmaceuticals ETF	39.60
IHF	iShares U.S. Healthcare Providers ETF	39.78
XLV	Health Care Select Sector SPDR Fund	42.03
IYZ	iShares U.S. Telecommunications ETF	42.36
XTL	SPDR S&P Telecom ETF	42.62
XPH	SPDR S&P Pharmaceuticals ETF	42.70
VHT	Vanguard Health Care ETF	43.43
IYH	iShares U.S. Healthcare ETF	43.46
PSCC	Invesco S&P SmallCap Consumer Staples ETF	43.75
FHLC	Fidelity MSCI Health Care Index ETF	43.82

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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	\$311M	\$868M	\$2,056M	\$4,140M
Consumer Discretionary	12	\$31B	\$440M	\$1,410M	\$1,453M	\$3,359M
Consumer Staples	10	\$25B	(\$370M)	(\$1,443M)	(\$4,068M)	(\$5,120M)
Energy	30	\$81B	\$495M	\$186M	(\$706M)	(\$4,044M)
Financials	26	\$66B	\$159M	(\$1,618M)	\$48M	(\$1,405M)
Health Care	23	\$90B	(\$492M)	(\$1,352M)	(\$3,525M)	(\$6,872M)
Industrial	13	\$42B	\$111M	\$1,818M	\$1,995M	\$2,783M
Materials	9	\$13B	\$67M	(\$321M)	(\$829M)	(\$2,755M)
Multi-Sector	16	\$24B	(\$69M)	\$1,254M	\$895M	\$3,348M
Real Estate	25	\$60B	(\$133M)	\$1,086M	\$3,672M	\$2,603M
Technology	23	\$196B	(\$493M)	\$5,948M	\$10,532M	\$11,400M
Utilities	9	\$20B	\$133M	(\$2,559M)	(\$3,687M)	(\$4,009M)

U.S. Sector & Industry Flow Leaders

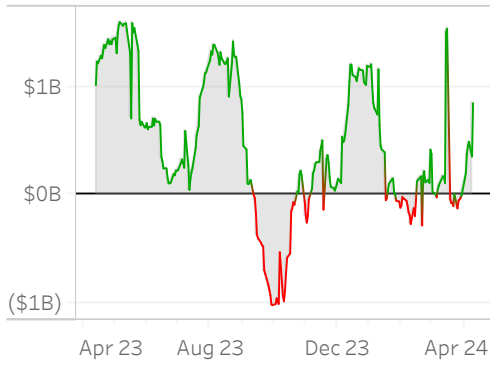
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLE	Energy Select Sector SPDR Fund	\$434M	(\$83M)	(\$549M)	(\$2,975M)	\$41,526M
XLC	Communication Services Select Sector SPDR Fu..	\$380M	\$738M	\$2,053M	\$3,725M	\$18,896M
XLY	Consumer Discretionary Select Sector SPDR Fu..	\$377M	\$1,084M	\$1,476M	\$2,682M	\$20,233M
IAI	iShares U.S. Broker-Dealers & Securities Excha..	\$225M	\$260M	\$250M	(\$141M)	\$721M
XLK	Technology Select Sector SPDR Fund	\$178M	\$2,524M	\$4,366M	\$4,679M	\$64,802M
XLU	Utilities Select Sector SPDR Fund	\$127M	(\$2,460M)	(\$2,914M)	(\$2,876M)	\$12,275M
PAVE	Global X U.S. Infrastructure Development ETF	\$96M	\$943M	\$852M	\$1,631M	\$7,508M
XLF	Financial Select Sector SPDR Fund	\$85M	\$314M	\$584M	\$223M	\$38,386M
XLI	Industrial Select Sector SPDR Fund	\$75M	\$1,219M	\$815M	\$1,561M	\$18,459M
XME	SPDR S&P Metals & Mining ETF	\$65M	\$44M	\$80M	(\$389M)	\$2,077M

U.S. Sector & Industry Flow Laggards

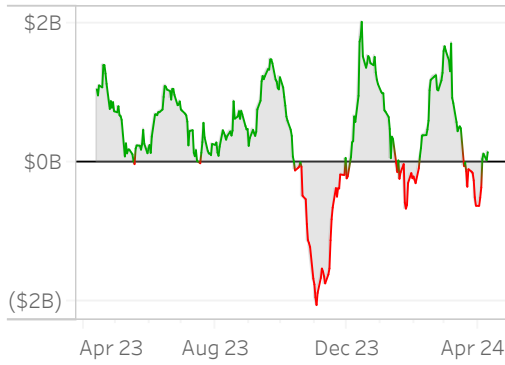
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
IGV	iShares Expanded Tech-Software Sector ETF	(\$598M)	(\$1,075M)	(\$1,062M)	(\$813M)	\$6,781M
XLP	Consumer Staples Select Sector SPDR Fund	(\$353M)	(\$1,042M)	(\$2,705M)	(\$2,389M)	\$14,626M
XLV	Health Care Select Sector SPDR Fund	(\$308M)	(\$881M)	(\$2,246M)	(\$2,713M)	\$39,401M
FDN	First Trust Dow Jones Internet Index Fund	(\$183M)	(\$285M)	(\$740M)	\$460M	\$6,245M
KRE	SPDR S&P Regional Banking ETF	(\$118M)	(\$861M)	(\$276M)	(\$487M)	\$2,762M
XBI	SPDR S&P BIOTECH ETF	(\$98M)	(\$2M)	\$256M	(\$474M)	\$6,998M
IYR	iShares U.S. Real Estate ETF	(\$84M)	(\$296M)	\$1,428M	\$948M	\$4,099M
VOX	Vanguard Communication Services ETF	(\$79M)	\$83M	(\$97M)	\$279M	\$4,043M
IHI	iShares U.S. Medical Devices ETF	(\$63M)	(\$159M)	(\$402M)	(\$759M)	\$5,486M
SCHH	Schwab U.S. REIT ETF	(\$43M)	\$118M	\$266M	\$441M	\$6,393M

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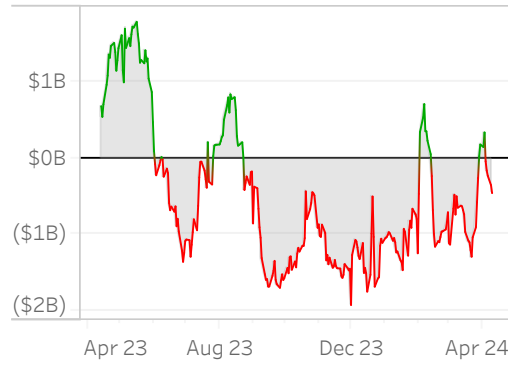
Communication Services



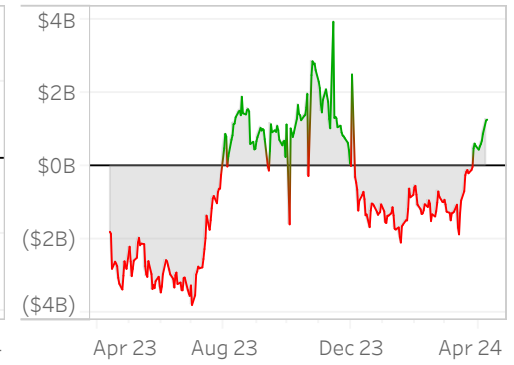
Consumer Discretionary



Consumer Staples



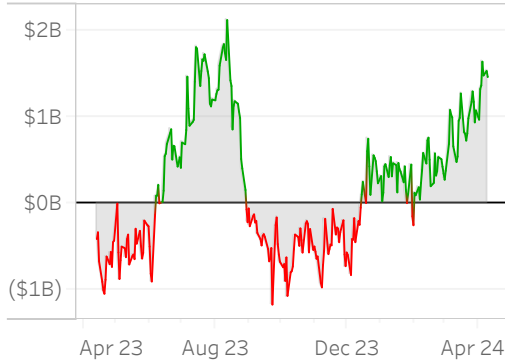
Energy



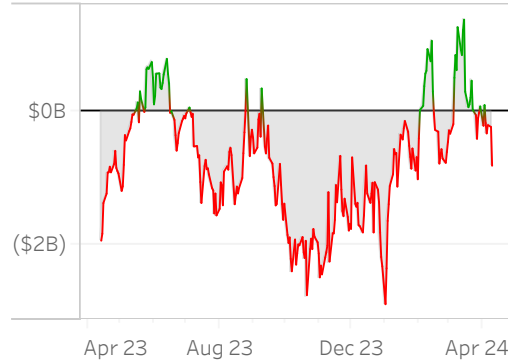
Financials



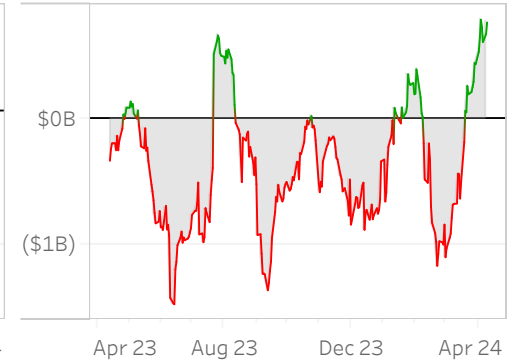
Industrial



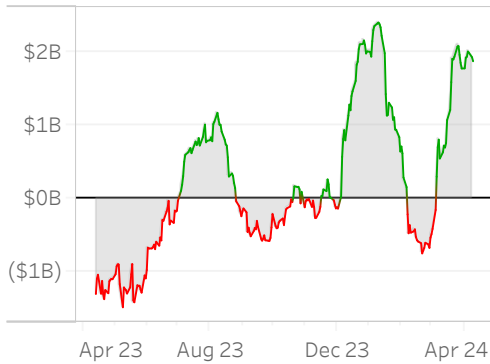
Health Care



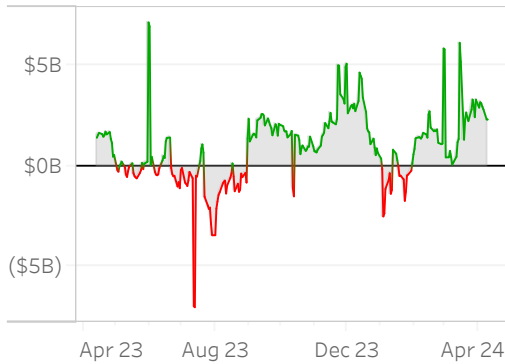
Materials



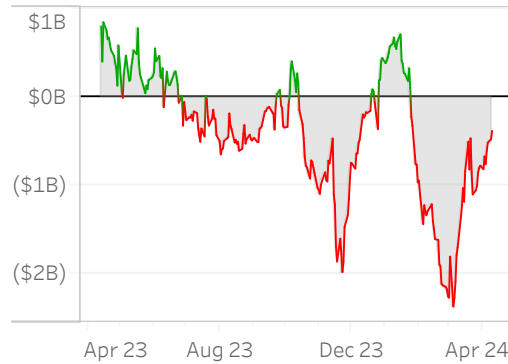
Real Estate



Technology



Utilities

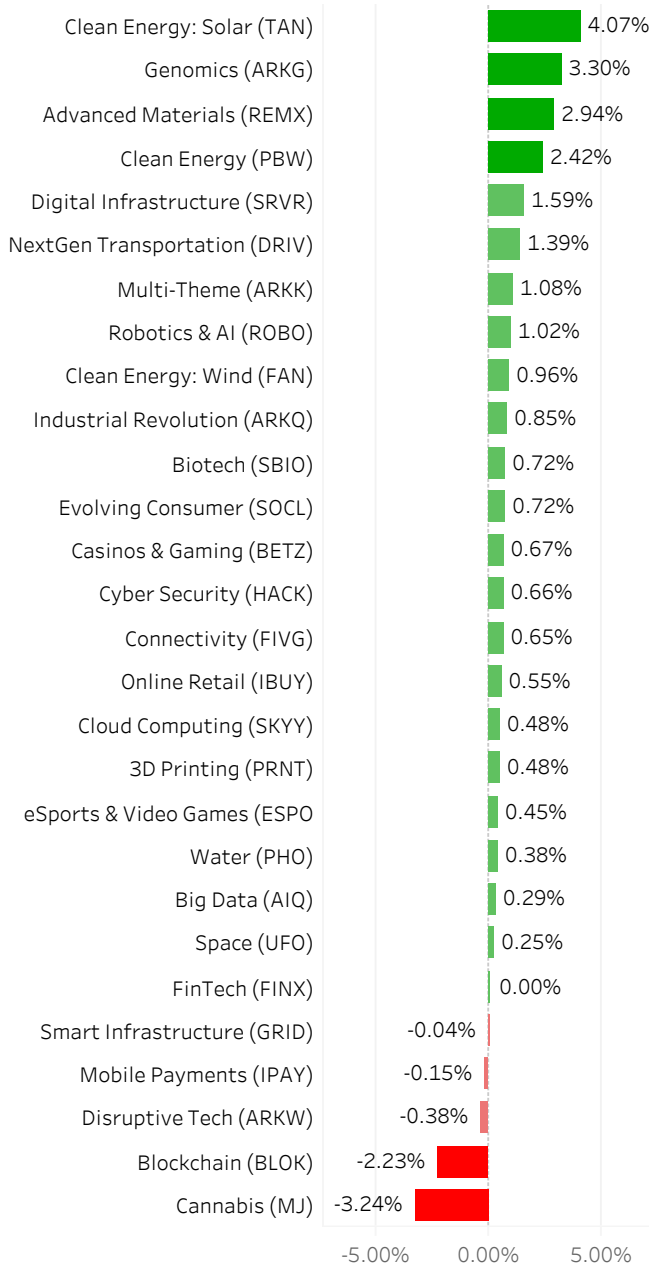


Multi-Sector

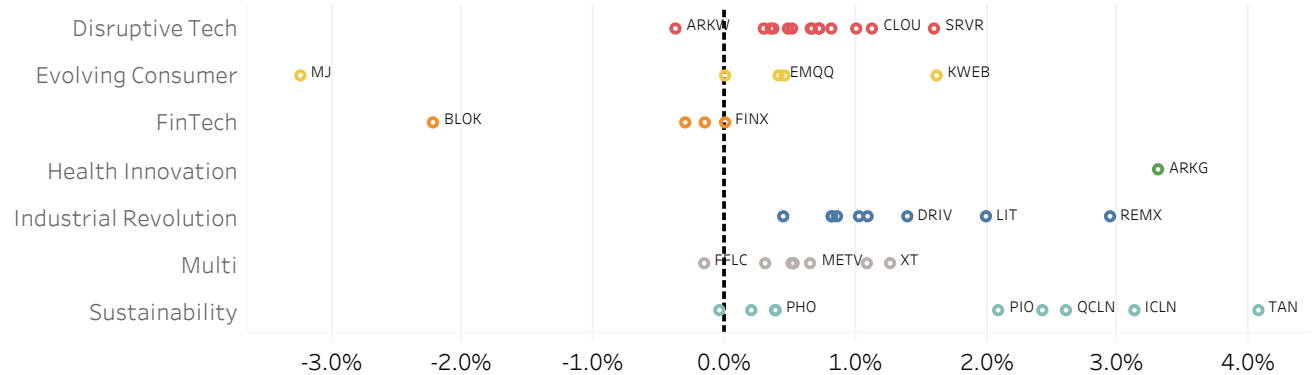


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Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	Performance (%)
TAN	Invesco Solar ETF	4.07%
ARKG	ARK Genomic Revolution ETF	3.30%
ICLN	iShares Global Clean Energy ETF	3.12%
REMX	VanEck Rare Earth/Strategic Metals ETF	2.94%
GNOM	Global X Genomics & Biotechnology ETF	2.85%
QLCN	First Trust Nasdaq Clean Edge Green Energy Index Fund	2.60%
PBW	Invesco WilderHill Clean Energy ETF	2.42%
ACES	ALPS Clean Energy ETF	2.36%
KARS	KraneShares Electric Vehicles & Future Mobility Index ETF	2.33%
CNRG	SPDR S&P Kensho Clean Power ETF	2.13%

Thematic Most Overbought

Ticker	Fund	Value
ONLN	ProShares Online Retail ETF	63.86
EMQQ	EMQQ The Emerging Markets Internet & Ecommerce ETF	63.37
REMX	VanEck Rare Earth/Strategic Metals ETF	63.27
EVX	VanEck Environmental Services ETF	62.99
PBD	Invesco Global Clean Energy ETF	61.21
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure ..	61.04
BATT	Amplify Lithium & Battery Technology ETF	60.96
KWEB	KraneShares CSI China Internet ETF	60.95
YOLO	AdvisorShares Pure Cannabis ETF	60.28
FIW	First Trust Water ETF	60.23

Global Thematic 1-Day Performance Laggards

Ticker	Fund	Performance (%)
CRPT	First Trust SkyBridge Crypto Industry & Digital Econo..	-7.33%
MJ	Amplify Alternative Harvest ETF	-3.24%
BKCH	Global X Blockchain ETF	-3.14%
WGMI	Valkyrie Bitcoin Miners ETF	-3.01%
BITQ	Bitwise Crypto Industry Innovators ETF	-2.95%
FDIG	Fidelity Crypto Industry and Digital Payments ETF	-2.81%
DAPP	VanEck Digital Transformation ETF	-2.64%
BLOK	Amplify Transformational Data Sharing ETF	-2.23%
BLCN	Siren ETF Trust Siren Nasdaq NexGen Economy ETF	-1.43%
YOLO	AdvisorShares Pure Cannabis ETF	-1.43%

Thematic Most Oversold

Ticker	Fund	Value
WGMI	Valkyrie Bitcoin Miners ETF	40.20
BKCH	Global X Blockchain ETF	41.35
SRVR	Pacer Data & Infrastructure Real Estate ETF	42.77
IZRL	ARK Israel Innovative Technology ETF	43.14
FDIG	Fidelity Crypto Industry and Digital Payments ETF	43.29
SBIO	ALPS Medical Breakthroughs ETF	43.46
DAPP	VanEck Digital Transformation ETF	43.62
BITQ	Bitwise Crypto Industry Innovators ETF	43.92
IHAK	iShares Cybersecurity & Tech ETF	44.16
DTCR	Global X Data Center And Digital Infrastructure ETF	44.19

* 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
HACK	Amplify Cybersecurity ETF	\$61M
MSOS	AdvisorShares Pure US Cannabis ETF	\$41M
AIQ	Global X Artificial Intelligence & Technology ETF	\$21M
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure Index	\$11M
DGIN	VanEck Digital India ETF	\$7M
FFLC	Fidelity Fundamental Large Cap Core ETF	\$6M
QTUM	Defiance Quantum ETF	\$6M
DAPP	VanEck Digital Transformation ETF	\$3M
THNQ	ROBO Global Artificial Intelligence ETF	\$3M
BUG	Global X Cybersecurity ETF	\$3M

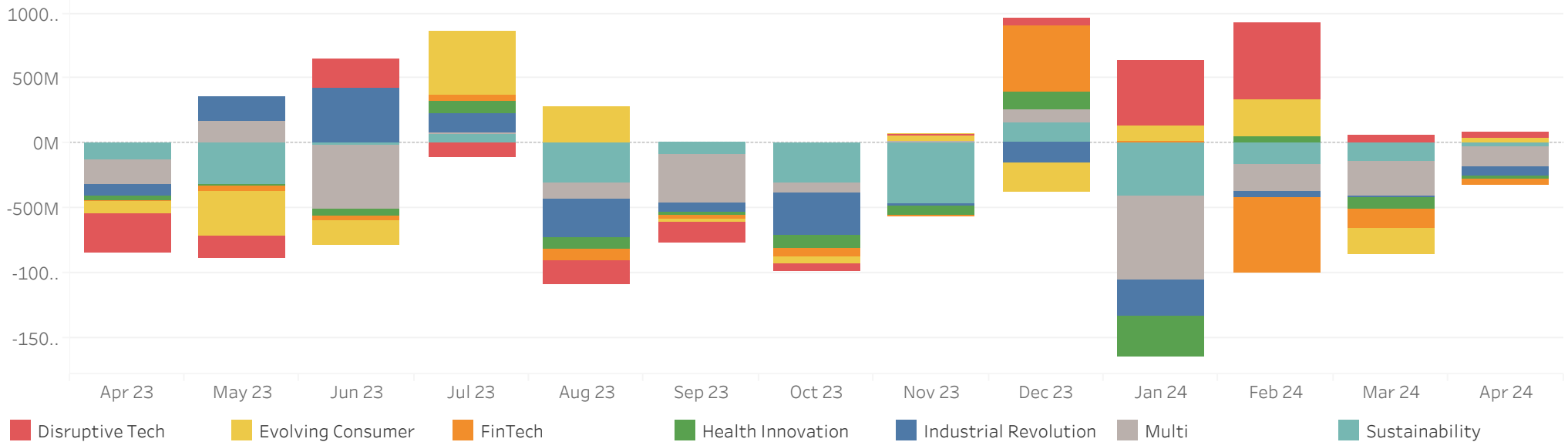
Thematic 1 Week Flow Laggards

Ticker	Fund	Flow
ARKK	ARK Innovation ETF	(\$55M)
KOMP	SPDR S&P Kensho New Economies Composite ETF	(\$28M)
BOTZ	Global X Robotics & Artificial Intelligence ETF	(\$27M)
SKYY	First Trust Cloud Computing ETF	(\$19M)
ARKG	ARK Genomic Revolution ETF	(\$19M)
LIT	Global X Lithium & Battery Tech ETF	(\$19M)
ARKF	ARK Fintech Innovation ETF	(\$15M)
DRIV	Global X Autonomous & Electric Vehicles ETF	(\$11M)
CLOU	Global X Cloud Computing ETF	(\$11M)
ICLN	iShares Global Clean Energy ETF	(\$11M)

Thematic Landscape Assets & Flows

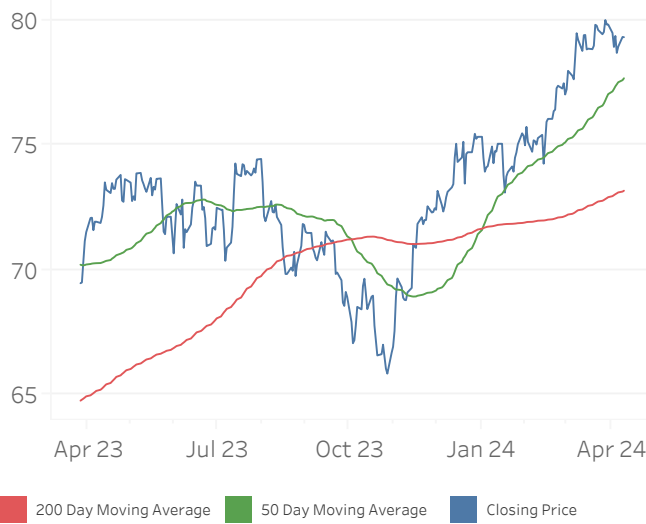
Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	33	\$21B	(\$10M)	\$1,215M	\$1,212M	\$517M
Evolving Consumer	34	\$9B	\$23M	\$260M	\$28M	\$154M
FinTech	17	\$3B	(\$6M)	(\$741M)	(\$260M)	(\$499M)
Health Innovation	17	\$2B	(\$19M)	(\$370M)	(\$413M)	(\$527M)
Industrial Revolution	29	\$10B	(\$60M)	(\$255M)	(\$819M)	(\$596M)
Multi	33	\$15B	\$1M	(\$1,071M)	(\$1,256M)	(\$2,241M)
Sustainability	39	\$12B	(\$4M)	(\$639M)	(\$1,269M)	(\$2,149M)
Grand Total	202	\$72B	(\$75M)	(\$1,601M)	(\$2,778M)	(\$5,342M)

Thematic Monthly Flows

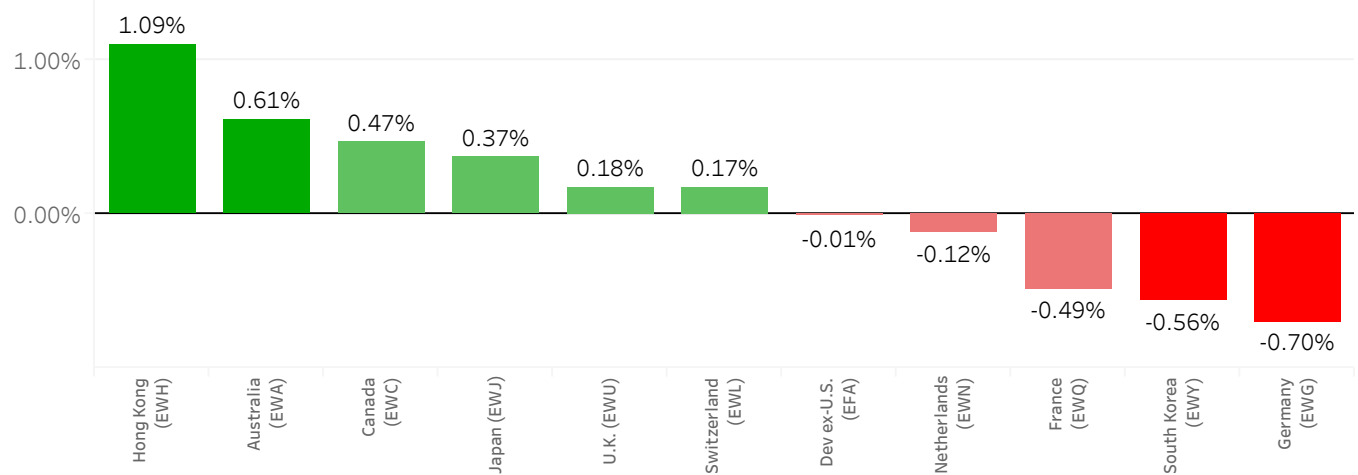


* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

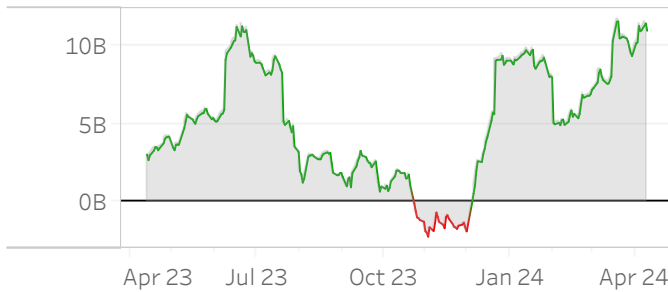
Developed ex-U.S. (EFA)



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



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



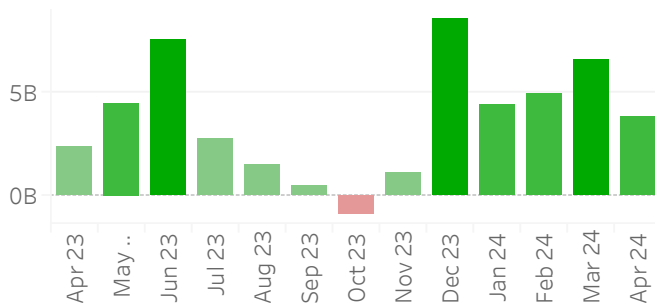
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
GREK	Global X MSCI Greece ETF	1.68%
AIA	iShares Asia 50 ETF	1.25%
EWH	iShares MSCI Hong Kong ETF	1.09%
AAJ	iShares MSCI All Country Asia ex Japan ETF	0.76%
EWS	iShares MSCI Singapore ETF	0.75%
BBAX	JPMorgan BetaBuilders Developed Asia Pacific ex-Japan ETF	0.68%
EPP	iShares MSCI Pacific ex-Japan ETF	0.65%
FJP	First Trust Japan AlphaDEX Fund	0.62%
EWA	iShares MSCI Australia ETF	0.61%
JPN	iShares JPX-Nikkei 400 ETF	0.50%

Developed ex-U.S. Most Overbought

Ticker	Fund	Value
EWO	iShares MSCI Austria ETF	76.37
DFIV	Dimensional International Value ETF	75.02
FDD	First Trust Stoxx European Select Dividend Index Fund	73.36
AIA	iShares Asia 50 ETF	70.21
AVIV	Avantis International Large Cap Value ETF	70.14
DISV	Dimensional International Small Cap Value ETF	69.58
AVDV	Avantis International Small Cap Value ETF	69.10
IVLU	iShares MSCI Intl Value Factor ETF	68.20
EWU	iShares MSCI United Kingdom ETF	67.69
FNDF	Schwab Fundamental International Large Co. Index ETF	67.06

Developed ex-U.S. Monthly Flows



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

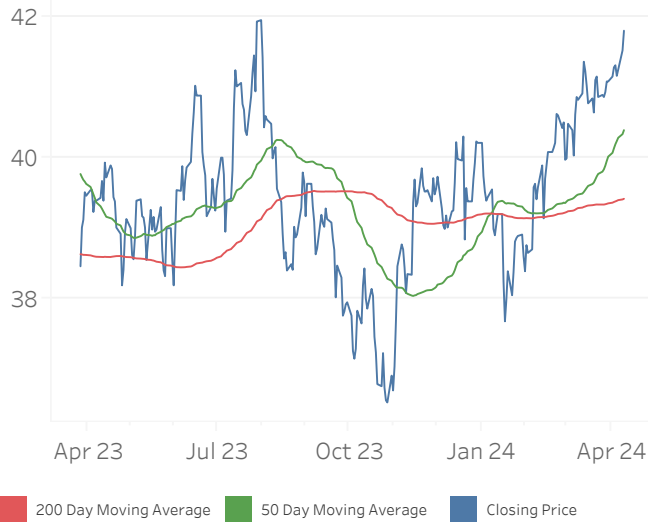
Ticker	Fund	1-Day Performance
DAX	Global X DAX Germany ETF	-1.14%
EIS	iShares MSCI Israel ETF	-0.74%
EWG	iShares MSCI Germany ETF	-0.70%
EWI	iShares MSCI Italy ETF	-0.64%
EDEN	iShares MSCI Denmark ETF	-0.64%
EIRL	iShares MSCI Ireland ETF	-0.60%
FEZ	SPDR EURO STOXX 50 ETF	-0.59%
EWY	iShares MSCI South Korea ETF	-0.56%
EWQ	iShares MSCI France ETF	-0.49%
EZU	iShares MSCI Eurozone ETF	-0.45%

Developed ex-U.S. Most Oversold

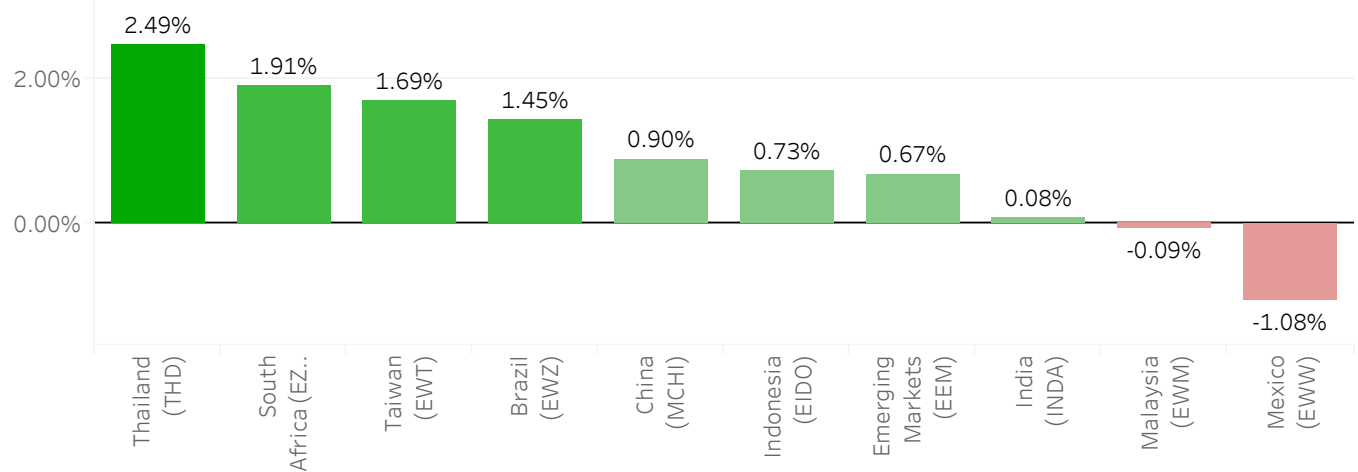
Ticker	Fund	Value
FICS	First Trust International Developed Capital Strengt..	40.08
EWL	iShares MSCI Switzerland ETF	40.33
BKCI	BNY Mellon Concentrated International ETF	40.80
EUDG	WisdomTree Europe Quality Dividend Growth Fund	43.73
EFV	iShares MSCI EAFE Min Vol Factor ETF	43.80
EFAD	ProShares MSCI EAFE Dividend Growers ETF	43.93
FSZ	First Trust Switzerland AlphaDEX Fund	44.27
EWH	iShares MSCI Hong Kong ETF	45.69
TTAI	FCF International Quality ETF	45.88
FLKR	Franklin FTSE South Korea ETF	46.31

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

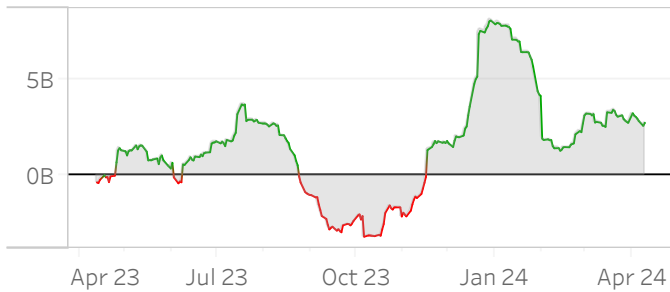
Emerging (EEM)



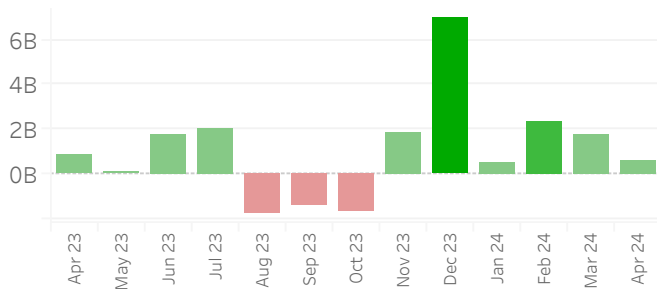
Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
THD	iShares MSCI Thailand ETF	2.49%
ECNS	iShares MSCI China Small-Cap ETF	2.34%
EWZS	iShares MSCI Brazil Small-Cap ETF	2.06%
EZA	iShares MSCI South Africa ETF	1.91%
PGJ	Invesco Golden Dragon China ETF	1.74%
ECH	iShares MSCI Chile ETF	1.71%
EWT	iShares MSCI Taiwan ETF	1.69%
NUEM	Nuveen ESG Emerging Markets Equity ETF	1.48%
EWZ	iShares MSCI Brazil ETF	1.45%
FLTW	Franklin FTSE Taiwan ETF Franklin FTSE Taiwan Fund	1.34%

Emerging Most Overbought

Ticker	Fund	Value
PIE	Invesco Dorsey Wright Emerging Markets Momentu..	74.55
ECOW	Pacer Emerging Markets Cash Cows 100 ETF	74.38
DFEV	Dimensional Emerging Markets Value ETF	74.14
FRDM	Freedom 100 Emerging Markets ETF	74.01
FEM	First Trust Emerging Markets AlphaDEX Fund	72.54
JPEM	JPMorgan Diversified Return Emerging Markets Equi..	72.25
EPU	iShares MSCI Peru and Global Exposure ETF	72.24
ARGT	Global X MSCI Argentina ETF	71.27
SCHE	Schwab Emerging Markets Equity ETF	71.13
EZA	iShares MSCI South Africa ETF	71.12

Emerging 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
FLMX	Franklin FTSE Mexico ETF Franklin FTSE Mexico Fund	-1.21%
EPOL	iShares MSCI Poland ETF	-1.14%
EWW	iShares MSCI Mexico ETF	-1.08%
TUR	iShares MSCI Turkey ETF	-0.46%
NFTY	First Trust India NIFTY 50 Equal Weight ETF	-0.35%
INDY	iShares India 50 ETF	-0.18%
FDEM	Fidelity Emerging Markets Multifactor ETF	-0.11%
GLIN	VanEck India Growth Leaders ETF	-0.10%
EWM	iShares MSCI Malaysia ETF	-0.09%
FLIN	Franklin FTSE India ETF	-0.08%

Emerging Most Oversold

Ticker	Fund	Value
EPHE	iShares MSCI Philippines ETF	38.03
EIDO	iShares MSCI Indonesia ETF	44.17
VNM	VanEck Vietnam ETF	45.54
KWT	iShares MSCI Kuwait ETF	47.24
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	50.47
CNYA	iShares MSCI China A ETF	51.65
QAT	iShares MSCI Qatar ETF	51.78
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	54.57
ECNS	iShares MSCI China Small-Cap ETF	55.07
PGJ	Invesco Golden Dragon China ETF	55.53

* 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	0.34%	-1.08%	-1.48%
SHY	1-3 Year Treasury Bonds	0.10%	-0.17%	0.12%
IEF	7-10 Year Treasury Bonds	0.40%	-1.74%	-2.43%
TLT	20+ Year Treasury Bonds	0.93%	-3.33%	-5.82%
TIP	TIPS Bonds	0.26%	-0.61%	-0.52%
FLOT	Floating Rate Bonds	0.06%	0.60%	2.12%
LQD	Investment Grade Corporate	0.51%	-0.95%	-1.72%
HYG	High Yield Corporate	0.21%	0.20%	1.28%
BKLN	Senior Loan	0.14%	0.55%	1.92%
PFF	Preferred & Income Securities	0.00%	-0.23%	4.21%
MUB	Municipal Bonds	0.25%	-0.94%	-0.68%
MBB	MBS	0.44%	-1.28%	-1.87%
EMB	Dollar Denominated EM Bonds	0.67%	1.17%	2.20%
LEMB	Local Currency EM Bond	0.20%	-0.43%	-1.27%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	0.04%	6.48%	6.90%
DBE	Energy	-0.71%	7.36%	11.00%
USO	WTI Crude Oil	-1.28%	10.62%	21.76%
BNO	Brent Crude Oil	-1.11%	10.44%	20.51%
UNG	Natural Gas	2.86%	-1.74%	-21.84%
UGA	Gasoline	0.50%	10.11%	19.01%
DBP	Precious Metals	0.63%	9.63%	14.81%
GLD	Gold	0.55%	7.96%	13.86%
SLV	Silver	1.26%	15.70%	18.09%
PPLT	abrdrn Physical Platin..	1.26%	7.39%	-1.34%
PALL	abrdrn Physical Palla..	3.86%	6.74%	-0.79%
DBB	Base Metals	0.47%	9.34%	5.52%
CPER	Copper	0.00%	10.85%	11.35%
DBA	Agriculture	0.64%	11.64%	20.73%
CORN	Corn	-1.00%	-1.10%	-8.39%
SOYB	Soybeans	-0.48%	0.12%	-7.44%
WEAT	Wheat	-1.28%	4.86%	-9.72%
CANE	Sugar	-0.39%	0.39%	4.15%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	-0.04%	1.84%	4.43%
UDN	Short Dollar	0.00%	-1.15%	-1.98%
FXE	Euro	0.00%	-0.55%	-0.99%
FXB	British Pound Sterling	0.18%	-1.05%	0.34%
FXF	Swiss Franc	0.23%	-2.85%	-6.83%
FXJ	Japanese Yen	0.07%	-3.10%	-7.23%
FXC	Canadian Dollar	0.10%	-0.31%	-1.65%
FXA	Australian Dollar	0.38%	0.26%	-2.31%

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