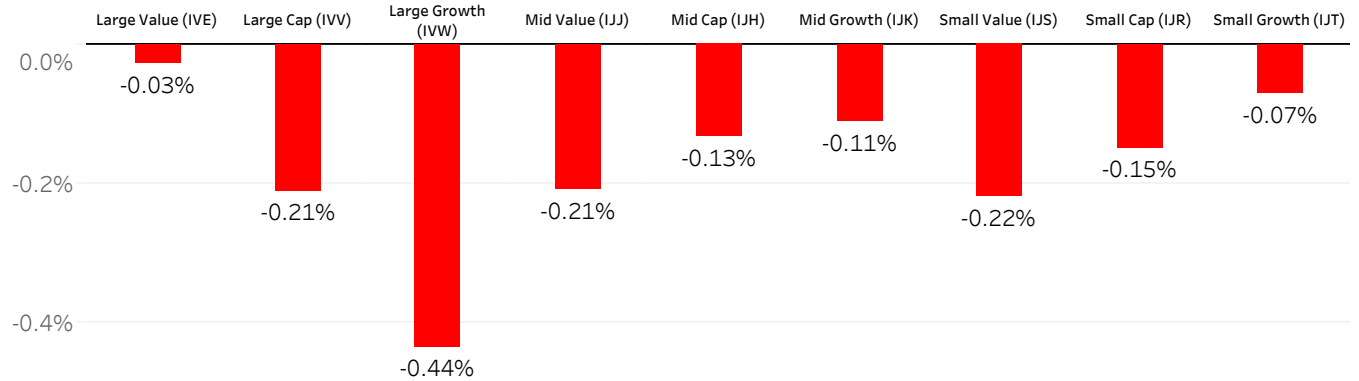


Large Cap Blend (S&P 500) IVV



U.S. Size & Style 1-Day Performance



Mid Cap Blend (S&P 400) IJH



Size & Style 1-Day Performance Leaders

Ticker	Fund	Performance
USMF	WisdomTree U.S. Multifactor Fund	0.85%
QMOM	Alpha Architect U.S. Quantitative Momentum ETF	0.55%
XJR	iShares ESG Screened S&P Small-Cap ETF	0.50%
FTC	First Trust Large Cap Growth AlphaDEX Fund	0.33%
ISCG	iShares Morningstar Small-Cap Growth ETF	0.31%
ACSI	American Customer Satisfaction ETF	0.26%
CWS	AdvisorShares Focused Equity ETF	0.22%
GLRY	Inspire Faithward Mid Cap Momentum ETF	0.21%
IWP	iShares Russell Mid-Cap Growth ETF	0.21%
LCG	Sterling Capital Focus Equity ETF	0.21%

Size & Style Most Overbought

Ticker	Fund	Price
LSAT	Leadershares Alphafactor Tactical Focused ETF	78.51
LSAF	LeaderShares AlphaFactor US Core Equity ETF	76.00
PWV	Invesco Large Cap Value ETF	75.00
PKW	Invesco Buyback Achievers ETF	74.13
SPVU	Invesco S&P 500 Enhanced Value ETF	73.99
COWZ	Pacer US Cash Cows 100 ETF	72.69
SEIV	SEI Enhanced U.S. Large Cap Value Factor ETF	72.38
GRPM	Invesco S&P MidCap 400 GARP ETF	71.28
ULVM	VictoryShares US Value Momentum ETF	71.21
GLRY	Inspire Faithward Mid Cap Momentum ETF	70.99

Small Cap Blend (S&P 600) IJR



Size & Style 1-Day Performance Laggards

Ticker	Fund	Performance
IPO	Renaissance IPO ETF	-1.10%
RDIV	Invesco S&P Ultra Dividend Revenue ETF	-0.92%
OMFS	Invesco Russell 2000 Dynamic Multifactor ETF	-0.87%
SPYD	SPDR Portfolio S&P 500 High Dividend ETF	-0.76%
SPHD	Invesco S&P 500 High Dividend Low Volatility ETF	-0.73%
SDOG	ALPS Sector Dividend Dogs ETF	-0.72%
DIV	Global X SuperDividend US ETF	-0.70%
DHS	WisdomTree U.S. High Dividend Fund	-0.68%
WINN	Harbor Long-Term Growers ETF	-0.68%
SCHD	Schwab US Dividend Equity ETF	-0.67%

Size & Style Most Oversold

Ticker	Fund	Price
XSLV	Invesco S&P SmallCap Low Volatility ETF	49.22
SMDV	ProShares Russell 2000 Dividend Growers ETF	49.25
OMFS	Invesco Russell 2000 Dynamic Multifactor ETF	49.83
SMLV	SPDR SSGA US Small Cap Low Volatility Index ETF	49.87
SLYV	SPDR S&P 600 Small Cap Value ETF	50.00
IJS	iShares S&P Small-Cap 600 Value ETF	50.13
PEY	Invesco High Yield Equity Dividend Achievers ETF	50.48
VIOV	Vanguard S&P Small-Cap 600 Value ETF	50.50
SPYD	SPDR Portfolio S&P 500 High Dividend ETF	50.81
AIEQ	Amplify AI Powered Equity ETF	50.96

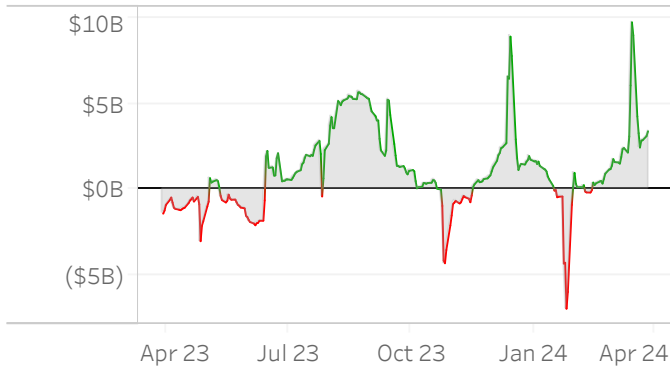
■ Closing Price ■ 50 Day Moving Average ■ 200 Day Moving Average

* 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	\$3.68B	\$39.67B	\$128.16B	\$202.05B
Large Cap, Beta, Beta: Growth	10	\$365B	(\$0.06B)	\$8.11B	\$18.89B	\$24.80B
Large Cap, Beta, Beta: Value	11	\$260B	(\$0.06B)	\$2.20B	\$8.69B	\$4.54B
Mid Cap, Beta, Beta	10	\$228B	\$0.52B	\$2.85B	\$2.58B	\$9.41B
Mid Cap, Beta, Beta: Growth	6	\$44B	\$0.12B	\$0.47B	\$1.49B	\$2.31B
Mid Cap, Beta, Beta: Value	6	\$42B	\$0.05B	(\$1.23B)	(\$1.50B)	(\$2.84B)
Small Cap, Beta, Beta	11	\$237B	\$1.17B	\$1.66B	\$12.66B	\$19.40B
Small Cap, Beta, Beta: Growth	7	\$40B	\$0.03B	\$1.15B	\$2.29B	\$2.77B
Small Cap, Beta, Beta: Value	7	\$54B	(\$0.05B)	(\$0.57B)	\$0.30B	(\$1.26B)

U.S. Size & Style Flow Leaders

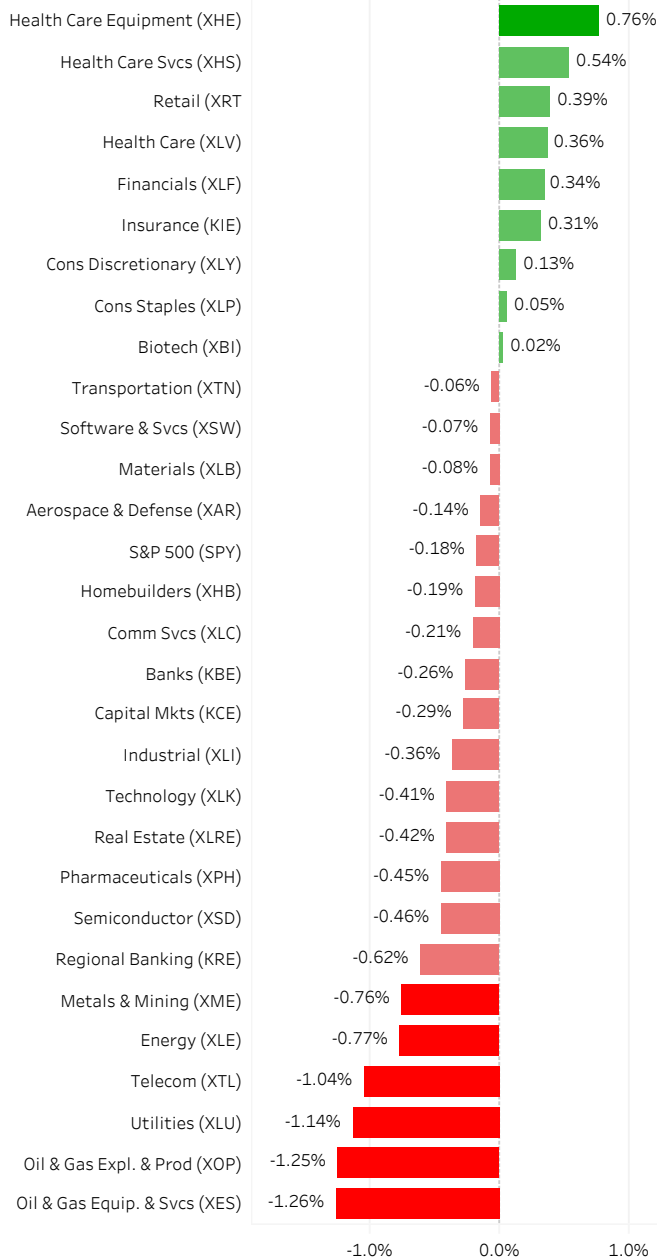
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
IVV	iShares Core S&P 500 ETF	\$11.13B	\$12.54B	\$36.77B	\$51.88B	\$449.69B
VOO	Vanguard S&P 500 ETF	\$1.32B	\$23.24B	\$35.10B	\$60.50B	\$431.01B
IWM	iShares Russell 2000 ETF	\$0.82B	(\$3.90B)	\$3.09B	\$4.26B	\$63.62B
FVD	First Trust Value Line Dividend Index Fund	\$0.61B	(\$0.26B)	(\$1.11B)	(\$1.80B)	\$10.76B
DSTL	Distillate US Fundamental Stability & Value E..	\$0.36B	\$0.52B	\$0.62B	\$0.86B	\$2.16B
VTI	Vanguard Total Stock Market ETF	\$0.30B	\$8.73B	\$15.66B	\$27.09B	\$386.34B
QUAL	iShares MSCI USA Quality Factor ETF	\$0.30B	\$2.47B	\$3.94B	\$6.64B	\$42.54B
RSP	Invesco S&P 500 Equal Weight ETF	\$0.27B	\$0.91B	\$5.52B	\$12.59B	\$53.30B
SCHD	Schwab US Dividend Equity ETF	\$0.27B	\$1.29B	\$2.10B	\$4.89B	\$55.46B
MDY	SPDR S&P Midcap 400 ETF Trust	\$0.26B	(\$0.14B)	(\$0.10B)	(\$0.33B)	\$21.99B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
QQQ	Invesco QQQ Trust Series I	(\$0.65B)	\$8.01B	\$9.67B	\$16.92B	\$257.86B
IWF	iShares Russell 1000 Growth ETF	(\$0.27B)	(\$1.68B)	\$1.05B	\$1.18B	\$89.27B
DUHP	Dimensional US High Profitability ETF	(\$0.19B)	\$0.56B	\$1.19B	\$2.15B	\$5.01B
VONG	Vanguard Russell 1000 Growth ETF	(\$0.19B)	\$0.24B	\$2.17B	\$3.10B	\$19.26B
ITOT	iShares Core S&P Total U.S. Stock Market ETF	(\$0.12B)	\$0.16B	\$1.12B	\$1.54B	\$53.82B
VONV	Vanguard Russell 1000 Value ETF	(\$0.11B)	(\$0.20B)	\$0.57B	\$0.67B	\$8.24B
USMV	iShares MSCI USA Min Vol Factor ETF	(\$0.07B)	(\$3.40B)	(\$6.87B)	(\$7.39B)	\$24.70B
QLV	FlexShares US Quality Low Volatility Index Fu..	(\$0.04B)	(\$0.05B)	(\$0.06B)	(\$0.05B)	\$0.16B
VOE	Vanguard Mid-Cap Value ETF	(\$0.04B)	(\$0.85B)	(\$1.14B)	(\$1.52B)	\$16.25B
IJH	iShares Core S&P Mid-Cap ETF	(\$0.04B)	\$1.30B	(\$0.89B)	\$4.32B	\$83.53B

* 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)
XLC	Communication Services Select Sector SPDR Fund	-0.55%	44.97%	3.31%	15.09%	61.24
SPY	SPDR S&P 500 ETF Trust	-0.65%	28.30%	3.38%	12.57%	61.73
XLB	Materials Select Sector SPDR Fund	-0.66%	22.66%	6.04%	10.64%	68.88
XLE	Energy Select Sector SPDR Fund	-0.88%	20.83%	7.48%	7.73%	70.74
XLF	Financial Select Sector SPDR Fund	-1.19%	31.64%	4.18%	15.06%	64.58
XLI	Industrial Select Sector SPDR Fund	-1.35%	28.53%	4.57%	13.18%	63.80
XLV	Health Care Select Sector SPDR Fund	-1.41%	18.38%	1.19%	7.89%	53.36
XLY	Consumer Discretionary Select Sector SPDR Fund	-1.44%	27.04%	2.12%	6.84%	54.99
XLK	Technology Select Sector SPDR Fund	-1.59%	44.24%	1.43%	13.42%	51.95
XLP	Consumer Staples Select Sector SPDR Fund	-2.62%	13.97%	1.80%	4.59%	56.17
XLRE	Real Estate Select Sector SPDR Fund	-5.41%	19.01%	-1.08%	2.83%	40.22
XLU	Utilities Select Sector SPDR Fund	-9.35%	12.88%	2.37%	1.04%	53.97

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
IHI	iShares U.S. Medical Devices ETF	0.81%
IHF	iShares U.S. Healthcare Providers ETF	0.78%
XHE	SPDR S&P Health Care Equipment ETF	0.76%
PINK	Simplify Health Care ETF	0.66%
BIZD	VanEck BDC Income ETF	0.60%
XHS	SPDR S&P Health Care Services ETF	0.54%
VHT	Vanguard Health Care ETF	0.46%
PEZ	Invesco Dorsey Wright Consumer Cyclical Momen..	0.45%
KBWP	Invesco KBW Property & Casualty Insurance ETF	0.43%
IYH	iShares U.S. Healthcare ETF	0.41%

Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
FXG	First Trust Consumer Staples AlphaDEX Fund	78.05
PBJ	Invesco Food & Beverage ETF	74.71
IEO	iShares U.S. Oil & Gas Exploration & Production ETF	74.14
FTXN	First Trust Nasdaq Oil & Gas ETF	73.62
RSPG	Invesco S&P 500 Equal Weight Energy ETF	72.52
KBWP	Invesco KBW Property & Casualty Insurance ETF	72.08
IAK	iShares U.S. Insurance ETF	71.83
FXN	First Trust Energy AlphaDEX Fund	71.78
IYE	iShares U.S. Energy ETF	71.44
FENY	Fidelity MSCI Energy Index ETF	71.25

Sector & Industry 1 Day Performance Laggards

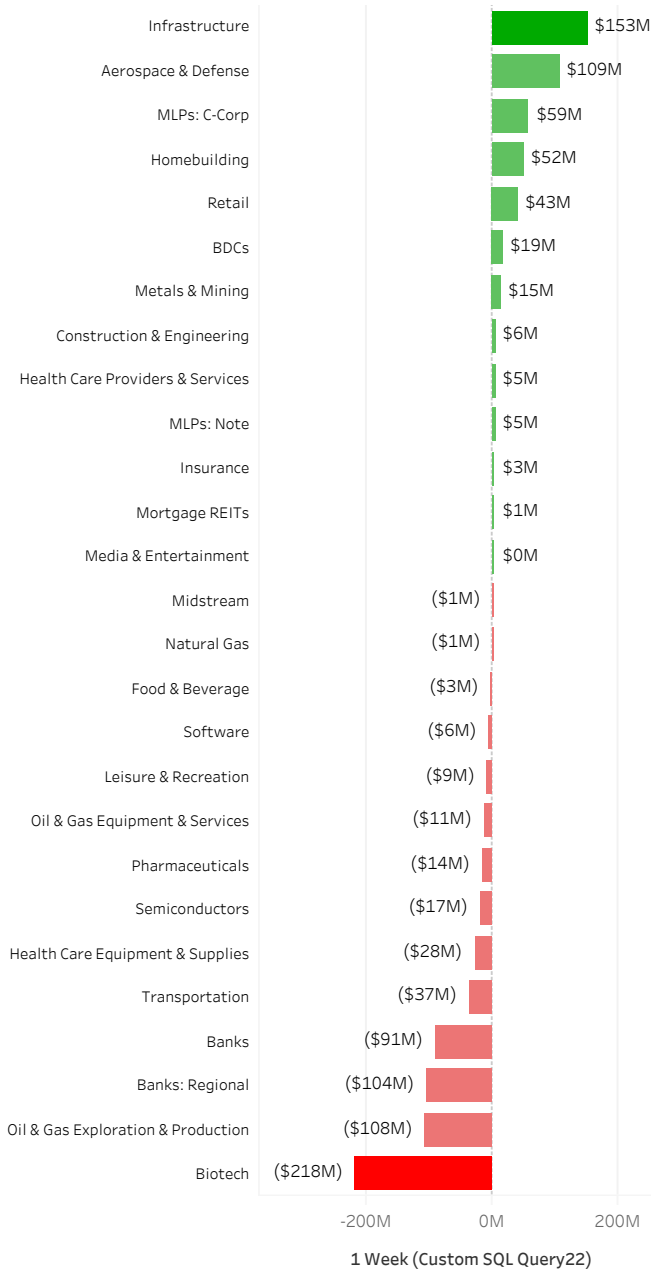
Ticker	Fund	1 Day Performance
PSCE	Invesco S&P SmallCap Energy ETF	-2.17%
MORT	VanEck Mortgage REIT Income ETF	-1.65%
REM	iShares Mortgage Real Estate ETF	-1.49%
PXI	Invesco Dorsey Wright Energy Momentum ETF	-1.36%
XES	SPDR S&P Oil & Gas Equipment & Services ETF	-1.26%
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	-1.25%
VPU	Vanguard Utilities ETF	-1.20%
PXE	Invesco Energy Exploration & Production ETF	-1.19%
UTES	Virtus Reaves Utilities ETF	-1.16%
FUTY	Fidelity MSCI Utilities Index ETF	-1.16%

Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
ICF	iShares Cohen & Steers REIT ETF	36.90
JPRE	JPMorgan Realty Income ETF JPMorgan Realty Income E..	36.97
SCHH	Schwab U.S. REIT ETF	38.40
RWR	SPDR Dow Jones REIT ETF	38.51
FRI	First Trust S&P REIT Index Fund	38.63
XPH	SPDR S&P Pharmaceuticals ETF	38.76
USRT	iShares Core U.S. REIT ETF	38.96
BBRE	JPMorgan BetaBuilders MSCI US REIT ETF JPMorgan Bet..	39.26
PSR	Invesco Active U.S. Real Estate Fund	39.34
VNQ	Vanguard Real Estate ETF	39.45

* 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	\$145M	(\$87M)	\$1,410M	\$3,909M
Consumer Discretionary	12	\$31B	\$206M	\$372M	\$341M	\$2,860M
Consumer Staples	10	\$26B	(\$61M)	(\$908M)	(\$3,591M)	(\$4,190M)
Energy	30	\$77B	\$171M	(\$1,150M)	(\$729M)	(\$4,877M)
Financials	26	\$65B	\$209M	(\$1,662M)	(\$727M)	(\$2,883M)
Health Care	23	\$92B	(\$613M)	\$214M	(\$3,328M)	(\$6,496M)
Industrial	13	\$41B	\$696M	\$1,686M	\$1,368M	\$2,278M
Materials	9	\$12B	(\$10M)	\$50M	(\$947M)	(\$3,015M)
Multi-Sector	16	\$24B	\$207M	\$1,135M	\$941M	\$3,376M
Real Estate	25	\$60B	\$166M	\$1,593M	\$3,690M	\$2,187M
Technology	23	\$198B	\$771M	\$5,553M	\$10,816M	\$11,917M
Utilities	9	\$20B	(\$514M)	(\$2,290M)	(\$3,176M)	(\$3,807M)

U.S. Sector & Industry Flow Leaders

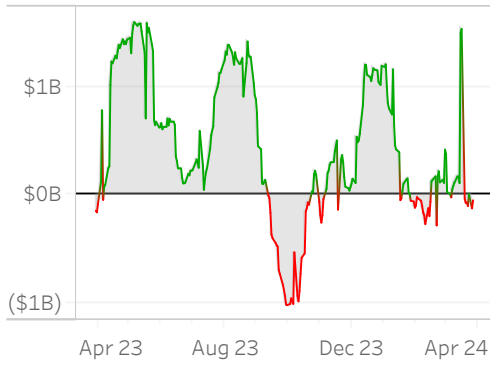
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLI	Industrial Select Sector SPDR Fund	\$580M	\$1,015M	\$318M	\$1,117M	\$18,092M
XLK	Technology Select Sector SPDR Fund	\$451M	\$1,799M	\$4,242M	\$4,401M	\$65,228M
XLF	Financial Select Sector SPDR Fund	\$346M	\$192M	\$258M	(\$949M)	\$37,583M
XLE	Energy Select Sector SPDR Fund	\$236M	(\$977M)	(\$613M)	(\$2,786M)	\$39,118M
VNQ	Vanguard Real Estate ETF	\$178M	\$1,128M	\$406M	(\$259M)	\$33,065M
XLC	Communication Services Select Sector SPDR Fu..	\$155M	(\$146M)	\$1,447M	\$3,565M	\$18,046M
IYW	iShares U.S. Technology ETF	\$143M	\$923M	\$2,345M	\$1,155M	\$16,590M
PAVE	Global X U.S. Infrastructure Development ETF	\$139M	\$655M	\$626M	\$1,346M	\$7,145M
PPA	Invesco Aerospace & Defense ETF	\$138M	\$206M	\$631M	\$720M	\$3,125M
XLY	Consumer Discretionary Select Sector SPDR Fu..	\$129M	\$105M	\$122M	\$2,277M	\$19,933M

U.S. Sector & Industry Flow Laggards

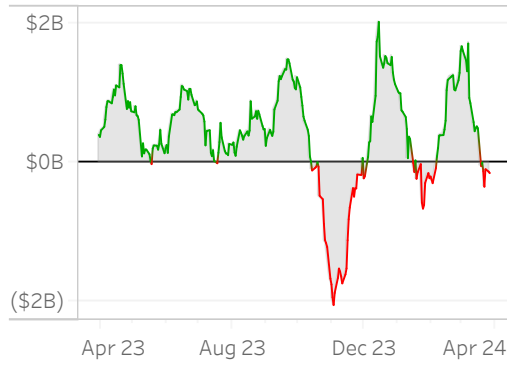
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLU	Utilities Select Sector SPDR Fund	(\$517M)	(\$2,167M)	(\$2,336M)	(\$2,583M)	\$12,141M
XLV	Health Care Select Sector SPDR Fund	(\$327M)	\$303M	(\$2,063M)	(\$2,508M)	\$40,563M
XBI	SPDR S&P BIOTECH ETF	(\$237M)	(\$201M)	\$60M	(\$630M)	\$7,289M
XOP	SPDR S&P Oil & Gas Exploration & Production E..	(\$121M)	\$79M	\$380M	(\$182M)	\$4,149M
KRE	SPDR S&P Regional Banking ETF	(\$101M)	(\$851M)	(\$150M)	(\$366M)	\$2,886M
KBE	SPDR S&P Bank ETF	(\$73M)	(\$437M)	\$169M	(\$104M)	\$1,540M
RWR	SPDR Dow Jones REIT ETF	(\$55M)	\$20M	\$30M	(\$94M)	\$1,403M
IYT	iShares US Transportation ETF	(\$39M)	(\$10M)	(\$125M)	(\$5M)	\$977M
XLP	Consumer Staples Select Sector SPDR Fund	(\$34M)	(\$448M)	(\$2,053M)	(\$1,551M)	\$15,517M
ITA	iShares U.S. Aerospace & Defense ETF	(\$33M)	(\$198M)	(\$16M)	(\$490M)	\$6,038M

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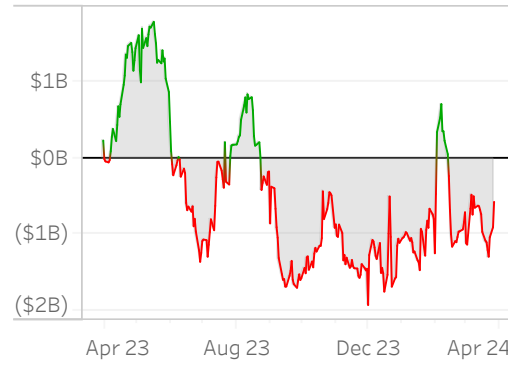
Communication Services



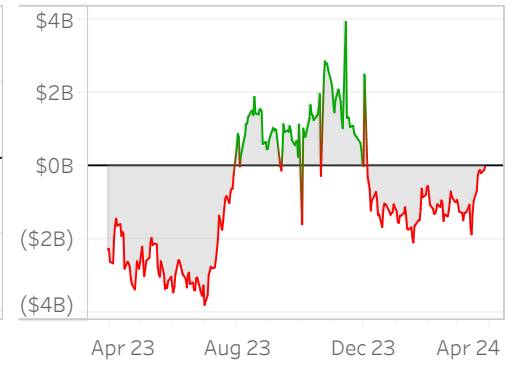
Consumer Discretionary



Consumer Staples



Energy



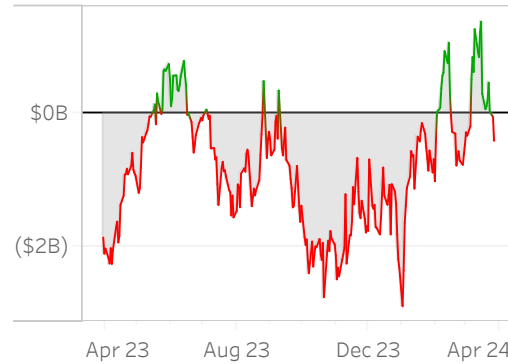
Financials



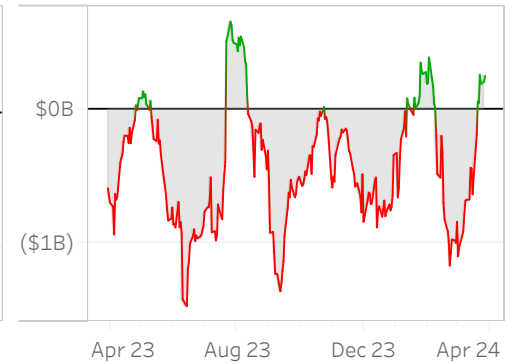
Industrial



Health Care



Materials



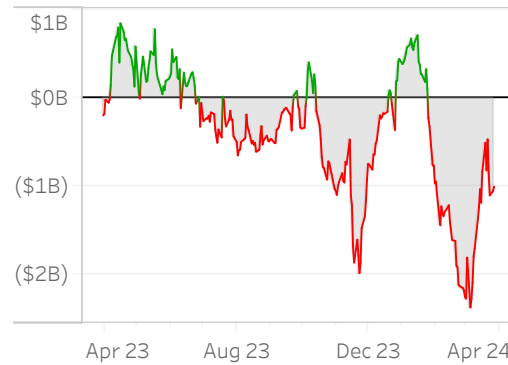
Real Estate



Technology



Utilities

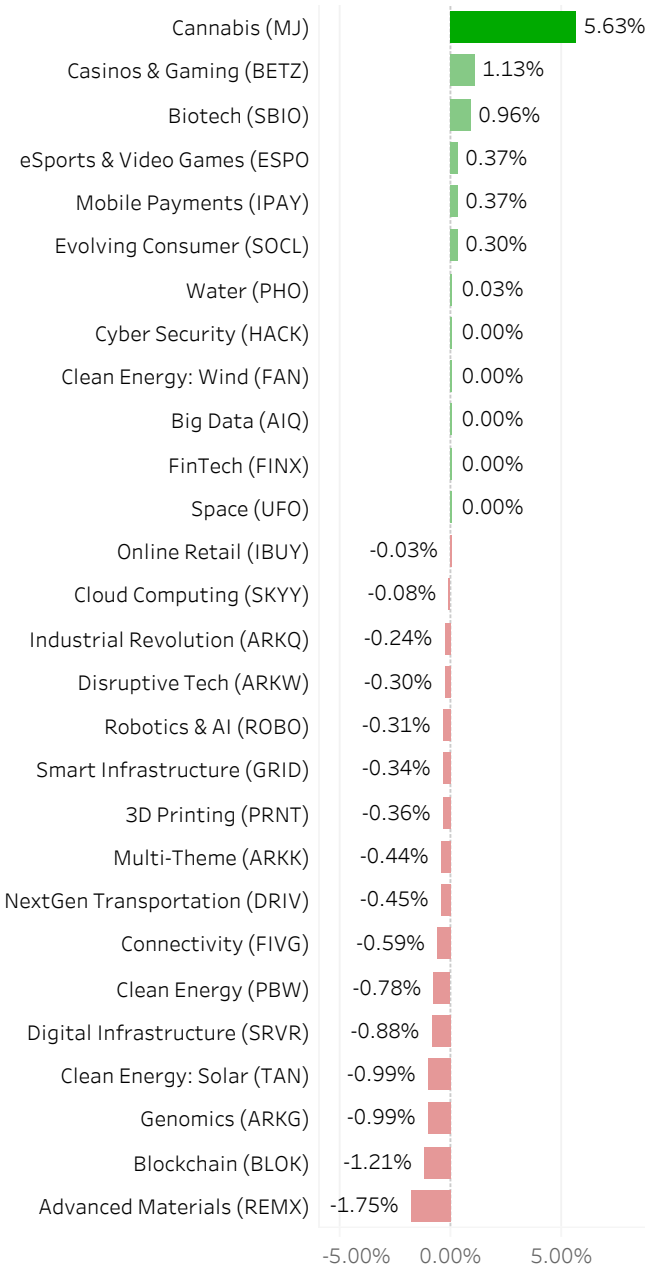


Multi-Sector

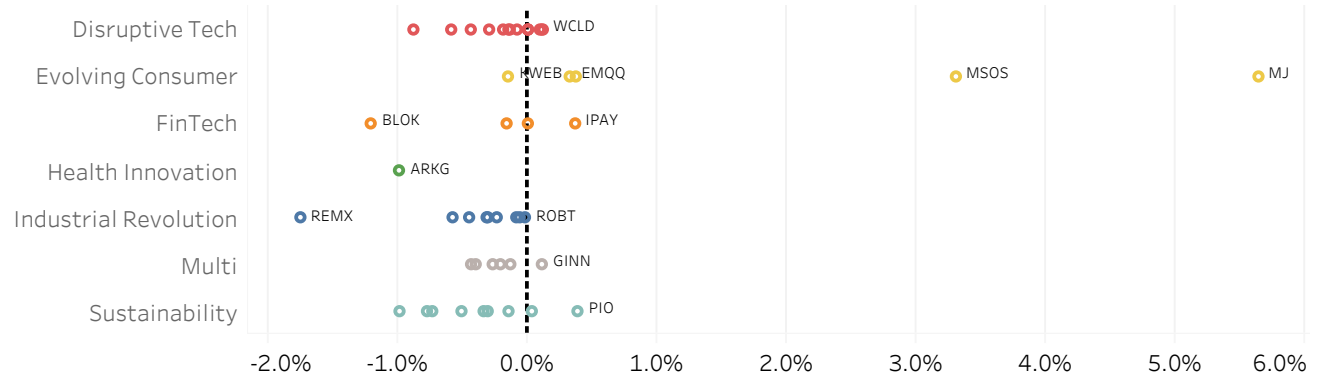


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Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	Performance
MJ	Amplify Alternative Harvest ETF	5.63%
MSOS	AdvisorShares Pure US Cannabis ETF	3.30%
MJUS	Amplify U.S. Alternative Harvest ETF	2.58%
BLCN	Siren ETF Trust Siren Nasdaq NexGen Economy ETF	2.29%
BETZ	Roundhill Sports Betting & iGaming ETF	1.13%
SBIO	ALPS Medical Breakthroughs ETF	0.96%
LEGR	First Trust Indxx Innovative Transaction & Process ETF	0.49%
EDOC	Global X Telemedicine & Digital Health ETF Registered	0.43%
PIO	Invesco Global Water ETF	0.38%
ESPO	VanEck Video Gaming and eSports ETF	0.37%

Thematic Most Overbought

Ticker	Fund	Price
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure ..	67.79
EVX	VanEck Environmental Services ETF	67.71
AWAY	Amplify Travel Tech ETF	66.79
IPAY	Amplify Mobile Payments ETF	66.54
EBIZ	Global X E-Commerce ETF	65.87
EBLU	Ecofin Global Water ESG Fund	65.11
MJ	Amplify Alternative Harvest ETF	65.08
ARKF	ARK Fintech Innovation ETF	63.11
GBUY	Goldman Sachs Future Consumer Equity ETF	62.52
BLCN	Siren ETF Trust Siren Nasdaq NexGen Economy ETF	62.43

Global Thematic 1-Day Performance Laggards

Ticker	Fund	Performance
CRPT	First Trust SkyBridge Crypto Industry & Digital Econo..	-3.72%
BKCH	Global X Blockchain ETF	-1.76%
REMX	VanEck Rare Earth/Strategic Metals ETF	-1.75%
DAPP	VanEck Digital Transformation ETF	-1.72%
WGMI	Valkyrie Bitcoin Miners ETF	-1.67%
CTEC	Global X CleanTech ETF	-1.60%
BITQ	Bitwise Crypto Industry Innovators ETF	-1.43%
BLOK	Amplify Transformational Data Sharing ETF	-1.21%
IZRL	ARK Israel Innovative Technology ETF	-1.04%
ARKG	ARK Genomic Revolution ETF	-0.99%

Thematic Most Oversold

Ticker	Fund	Price
SRVR	Pacer Data & Infrastructure Real Estate ETF	34.47
ARKG	ARK Genomic Revolution ETF	36.83
PAWZ	ProShares Pet Care ETF	37.36
PBW	Invesco WilderHill Clean Energy ETF	38.89
ICLN	iShares Global Clean Energy ETF	40.65
ACES	ALPS Clean Energy ETF	40.78
GNOM	Global X Genomics & Biotechnology ETF	40.81
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	41.26
WCBR	WisdomTree Cybersecurity Fund	41.67
IHAK	iShares Cybersecurity & Tech ETF	42.61

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Thematic 1 Week Flow Leaders

Ticker	Fund	Flow
AIQ	Global X Artificial Intelligence & Technology ETF	\$52M
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure Index	\$34M
BOTZ	Global X Robotics & Artificial Intelligence ETF	\$28M
FIW	First Trust Water 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
TAN	Invesco Solar ETF	\$7M
IRBO	iShares Robotics and Artificial Intelligence Multisector ETF	\$7M
EVX	VanEck Environmental Services ETF	\$5M

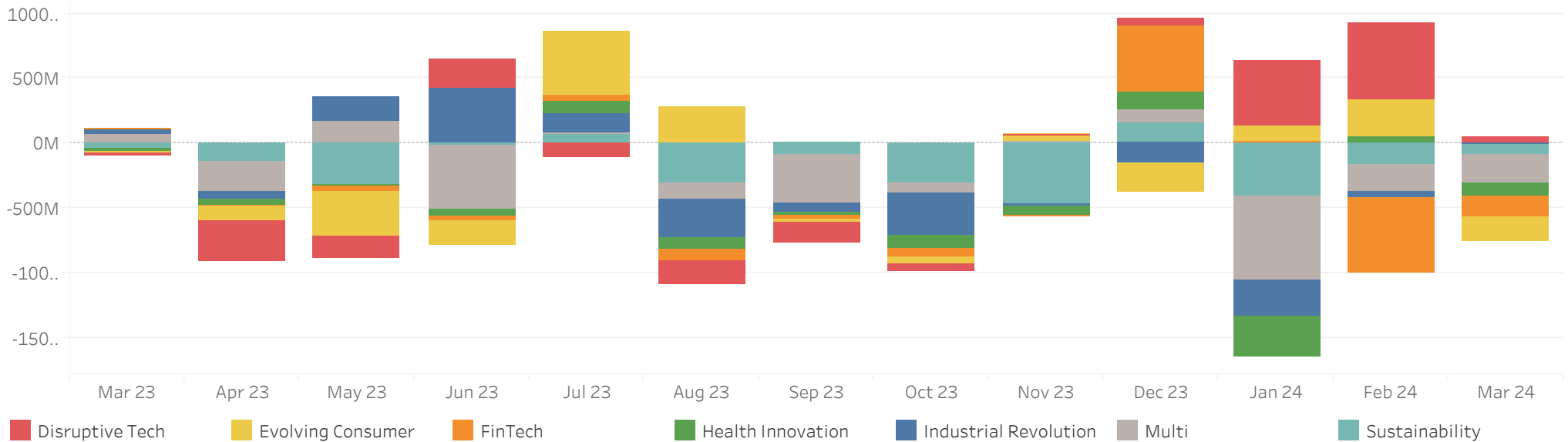
Thematic 1 Week Flow Laggards

Ticker	Fund	Flow
KWEB	KraneShares CSI China Internet ETF	(\$46M)
ARKW	ARK Next Generation Internet ETF	(\$28M)
ARKG	ARK Genomic Revolution ETF	(\$23M)
XITK	SPDR FactSet Innovative Technology ETF	(\$22M)
ARKF	ARK Fintech Innovation ETF	(\$15M)
CIBR	First Trust NASDAQ Cybersecurity ETF	(\$14M)
FINX	Global X FinTech ETF	(\$12M)
ICLN	iShares Global Clean Energy ETF	(\$10M)
ARKQ	ARK Autonomous Technology & Robotics ETF	(\$8M)
HACK	Amplify Cybersecurity ETF	(\$6M)

Thematic Landscape Assets & Flows

Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	33	\$21B	\$4M	\$1,071M	\$1,159M	\$409M
Evolving Consumer	34	\$9B	(\$42M)	\$211M	\$10M	\$116M
FinTech	17	\$4B	(\$12M)	(\$682M)	(\$277M)	(\$465M)
Health Innovation	17	\$2B	(\$31M)	(\$235M)	(\$377M)	(\$537M)
Industrial Revolution	30	\$10B	\$24M	(\$321M)	(\$833M)	(\$452M)
Multi	33	\$16B	\$18M	(\$1,077M)	(\$1,056M)	(\$1,998M)
Sustainability	39	\$12B	\$30M	(\$622M)	(\$1,285M)	(\$2,131M)
Grand Total	203	\$73B	(\$10M)	(\$1,656M)	(\$2,659M)	(\$5,059M)

Thematic Monthly Flows

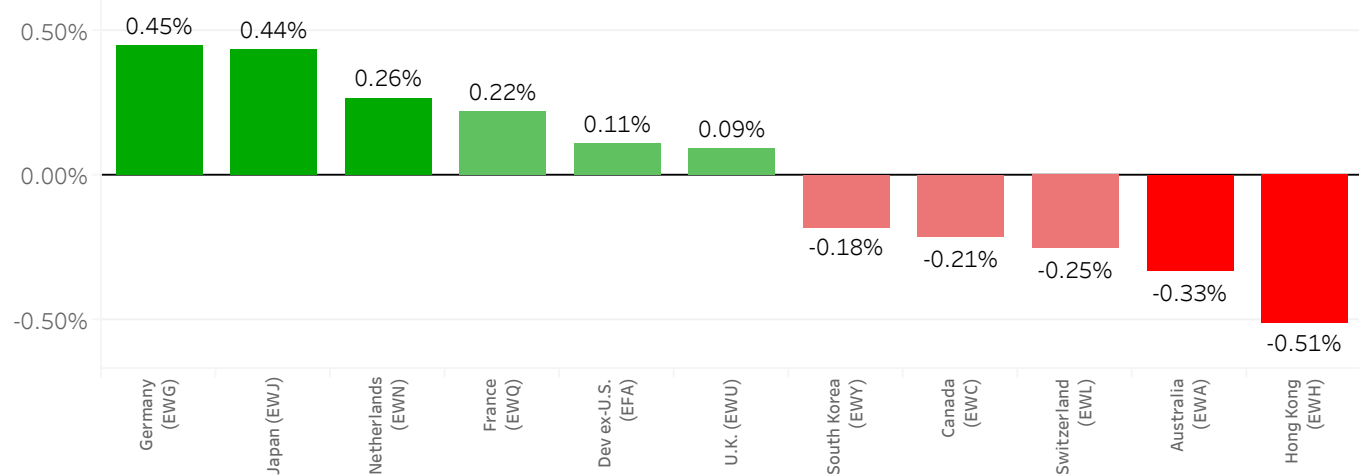


* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

Developed ex-U.S. (EFA)



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



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



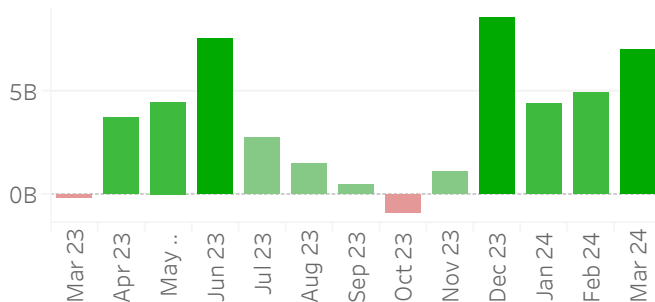
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
EWS	iShares MSCI Singapore ETF	1.15%
FDD	First Trust Stoxx European Select Dividend Index Fund	0.95%
FJP	First Trust Japan AlphaDEX Fund	0.94%
DXJS	WisdomTree Japan Hedged SmallCap Equity Fund	0.72%
DXJ	WisdomTree Japan Hedged Equity Fund	0.69%
FKU	First Trust United Kingdom AlphaDEX Fund	0.66%
EIRL	iShares MSCI Ireland ETF	0.58%
JPXN	iShares JPX-Nikkei 400 ETF	0.52%
HEWJ	iShares Currency Hedged MSCI Japan ETF	0.50%
EWD	iShares MSCI Sweden ETF	0.49%

Developed ex-U.S. Most Overbought

Ticker	Fund	Value
HEZU	iShares Currency Hedged MSCI Eurozone ETF	75.67
LVHI	Franklin International Low Volatility High Dividend Index ..	75.52
DBEU	Xtrackers MSCI Europe Hedged Equity ETF	74.86
EWP	iShares MSCI Spain ETF	74.20
IDMO	Invesco S&P International Developed Momentum ETF	74.13
HEFA	iShares Currency Hedged MSCI EAFE ETF	74.03
DBEF	Xtrackers MSCI EAFE Hedged Equity ETF	73.56
IMTM	iShares MSCI Intl Momentum Factor ETF	72.66
HSCZ	iShares Currency Hedged MSCI EAFE Small-Cap ETF	72.52
HEDJ	WisdomTree Europe Hedged Equity Fund	72.14

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	-0.66%
EWH	iShares MSCI Hong Kong ETF	-0.51%
FSZ	First Trust Switzerland AlphaDEX Fund	-0.46%
EWA	iShares MSCI Australia ETF	-0.33%
TOK	iShares MSCI Korusai ETF	-0.31%
FLKR	Franklin FTSE South Korea ETF	-0.30%
EPP	iShares MSCI Pacific ex-Japan ETF	-0.28%
EWL	iShares MSCI Switzerland ETF	-0.25%
ENZL	iShares MSCI New Zealand ETF	-0.24%
EWC	iShares MSCI Canada ETF	-0.21%

Developed ex-U.S. Most Oversold

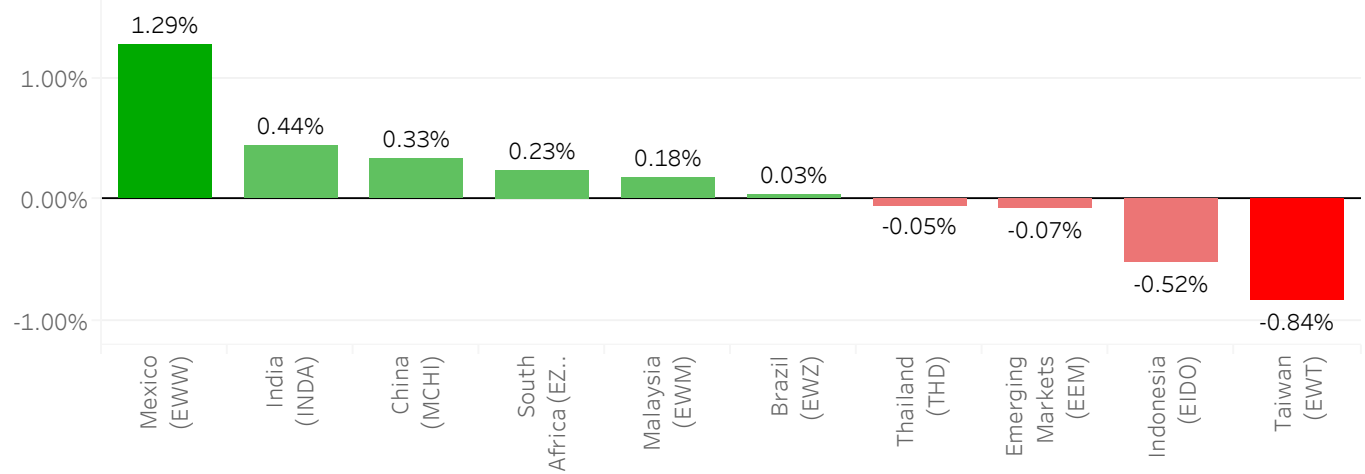
Ticker	Fund	Value
EWH	iShares MSCI Hong Kong ETF	36.51
EWL	iShares MSCI Switzerland ETF	44.40
BBAX	JPMorgan BetaBuilders Developed Asia Pacific ex-Ja..	45.65
FSZ	First Trust Switzerland AlphaDEX Fund	46.92
TTAI	FCF International Quality ETF	47.68
EPP	iShares MSCI Pacific ex-Japan ETF	49.39
ENZL	iShares MSCI New Zealand ETF	49.73
IDLV	Invesco S&P International Developed Low Volatility ..	49.81
BKCI	BNY Mellon Concentrated International ETF	50.78
GREK	Global X MSCI Greece ETF	52.07

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

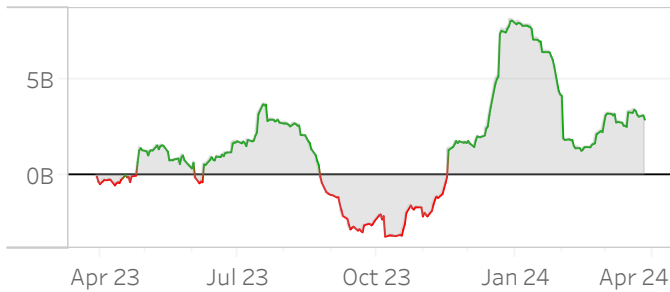
Emerging (EEM)



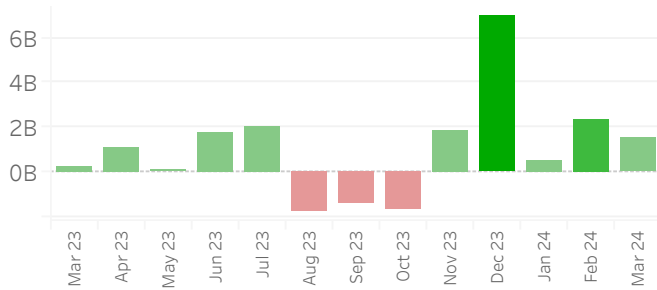
Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Leaders

Ticker	Fund	Performance
EPOL	iShares MSCI Poland ETF	1.49%
EWW	iShares MSCI Mexico ETF	1.29%
FLN	First Trust Latin America AlphaDEX Fund	0.74%
KBA	KraneShares Boserer MSCI China A 50 Connect Index ETF	0.61%
FXI	iShares China Large-Cap ETF	0.55%
DGRE	WisdomTree Emerging Markets Quality Dividend Growth	0.45%
FLIN	Franklin FTSE India ETF	0.44%
INDA	iShares MSCI India ETF	0.44%
FLCH	Franklin FTSE China ETF	0.41%
EPI	WisdomTree India Earnings Fund	0.40%

Emerging Most Overbought

Ticker	Fund	Price
FM	iShares Frontier and Select EM ETF	80.72
EPU	iShares MSCI Peru and Global Exposure ETF	63.80
EWW	iShares MSCI Mexico ETF	63.13
ARGT	Global X MSCI Argentina ETF	61.26
DBEM	Xtrackers MSCI Emerging Markets Hedged Equity ETF	60.25
FLTW	Franklin FTSE Taiwan ETF Franklin FTSE Taiwan Fund	59.42
MEM	Matthews Emerging Markets Equity Active ETF	59.00
VNM	VanEck Vietnam ETF	58.89
KBA	KraneShares Boserer MSCI China A 50 Connect Index E..	58.59
EWT	iShares MSCI Taiwan ETF	58.57

Emerging 1-Day Performance Laggards

Ticker	Fund	Performance
TUR	iShares MSCI Turkey ETF	-2.76%
ECNS	iShares MSCI China Small-Cap ETF	-1.91%
FEMS	First Trust Emerging Markets Small Cap AlphaDEX Fund	-1.64%
EPU	iShares MSCI Peru and Global Exposure ETF	-1.35%
DVYE	iShares Emerging Markets Dividend ETF	-1.03%
EWX	SPDR S&P Emerging Markets Small Cap ETF	-1.02%
KSA	iShares MSCI Saudi Arabia ETF	-0.99%
FLTW	Franklin FTSE Taiwan ETF Franklin FTSE Taiwan Fund	-0.92%
FEM	First Trust Emerging Markets AlphaDEX Fund	-0.85%
EWT	iShares MSCI Taiwan ETF	-0.84%

Emerging Most Oversold

Ticker	Fund	Price
THD	iShares MSCI Thailand ETF	37.65
TUR	iShares MSCI Turkey ETF	40.41
DVYE	iShares Emerging Markets Dividend ETF	41.59
GLIN	VanEck India Growth Leaders ETF	42.45
FEM	First Trust Emerging Markets AlphaDEX Fund	42.84
INDY	iShares India 50 ETF	43.24
QAT	iShares MSCI Qatar ETF	43.31
FEMS	First Trust Emerging Markets Small Cap AlphaDEX F..	43.93
SMIN	iShares MSCI India Small Cap ETF	44.04
PIN	Invesco India ETF	44.64

* 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	0.10%	0.92%	-0.94%
SHY	1-3 Year Treasury Bonds	0.02%	0.45%	0.22%
IEF	7-10 Year Treasury Bonds	0.15%	0.79%	-1.58%
TLT	20+ Year Treasury Bonds	0.28%	0.51%	-4.57%
TIP	TIPS Bonds	0.03%	0.81%	-0.42%
FLOT	Floating Rate Bonds	0.04%	0.55%	1.83%
LQD	Investment Grade Corporate	-0.03%	0.88%	-1.46%
HYG	High Yield Corporate	-0.12%	1.08%	1.20%
BKLN	Senior Loan	0.00%	0.50%	1.49%
PFF	Preferred & Income Securities	-0.06%	1.13%	4.52%
MUB	Municipal Bonds	-0.02%	0.03%	-0.33%
MBB	MBS	0.18%	1.30%	-1.06%
EMB	Dollar Denominated EM Bonds	-0.01%	2.50%	1.59%
LEMB	Local Currency EM Bond	-0.22%	0.06%	-1.72%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	-0.71%	3.80%	1.45%
DBE	Energy	-0.88%	3.31%	7.02%
USO	WTI Crude Oil	-0.60%	6.18%	15.96%
BNO	Brent Crude Oil	-0.73%	5.73%	14.87%
UNG	Natural Gas	-0.53%	-4.23%	-26.23%
UGA	Gasoline	-1.77%	5.80%	15.32%
DBP	Precious Metals	0.04%	7.29%	5.06%
GLD	Gold	0.32%	7.14%	5.48%
SLV	Silver	-1.06%	8.34%	2.57%
PPLT	abrdrn Physical Platin..	-0.01%	2.52%	-8.84%
PALL	abrdrn Physical Palla..	-1.14%	4.09%	-9.40%
DBB	Base Metals	-1.22%	3.61%	-2.73%
CPER	Copper	-0.44%	5.04%	3.65%
DBA	Agriculture	-0.49%	9.56%	18.23%
CORN	Corn	-1.40%	3.02%	-8.30%
SOYB	Soybeans	-0.79%	4.72%	-6.81%
WEAT	Wheat	-1.87%	-1.87%	-11.89%
CANE	Sugar	1.43%	0.30%	8.59%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	0.07%	1.00%	4.36%
UDN	Short Dollar	-0.39%	-0.61%	-2.44%
FXE	Euro	-0.10%	-0.02%	-1.36%
FXB	British Pound Sterling	-0.13%	-0.26%	-0.22%
FXF	Swiss Franc	-0.55%	-2.61%	-6.90%
FXJ	Japanese Yen	-0.08%	-0.59%	-7.10%
FXC	Canadian Dollar	-0.01%	-0.36%	-1.88%
FXA	Australian Dollar	-0.10%	-0.02%	-3.80%

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[FactSet Research Systems](#)

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