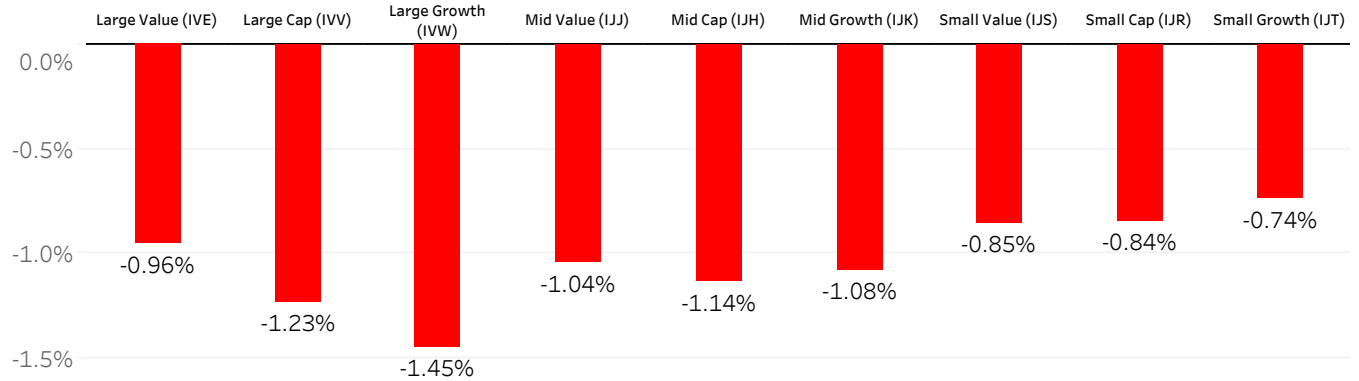


Large Cap Blend (S&P 500) IVV



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	-0.02%
SMLV	SPDR SSGA US Small Cap Low Volatility Index ETF	-0.13%
CWS	AdvisorShares Focused Equity ETF	-0.19%
SMDV	ProShares Russell 2000 Dividend Growers ETF	-0.34%
XSLV	Invesco S&P SmallCap Low Volatility ETF	-0.35%
LVHD	Franklin U.S. Low Volatility High Dividend Index ETF	-0.39%
CDC	VictoryShares US EQ Income Enhanced Volatility Wtd ETF	-0.39%
SIXS	ETC 6 Meridian Small Cap Equity ETF	-0.43%
DES	WisdomTree U.S. SmallCap Dividend Fund	-0.47%
PEY	Invesco High Yield Equity Dividend Achievers ETF	-0.49%

Size & Style Most Overbought

Ticker	Fund	Value
SPVU	Invesco S&P 500 Enhanced Value ETF	66.95
PWV	Invesco Large Cap Value ETF	64.22
COWZ	Pacer US Cash Cows 100 ETF	64.00
TPHE	Timothy Plan High Dividend Stock Enhanced ETF	63.34
DIVZ	Opal Dividend Income ETF	62.06
QVAL	Alpha Architect US Quantitative Value ETF	61.41
TPHD	Timothy Plan High Dividend Stock ETF	61.14
CDC	VictoryShares US EQ Income Enhanced Volatility Wtd ETF	60.97
GRPM	Invesco S&P MidCap 400 GARP ETF	60.89
FTA	First Trust Large Cap Value AlphaDEX Fund	59.21

Small Cap Blend (S&P 600) IJR



Size & Style 1-Day Performance Laggards

Ticker	Fund	Performance
RPG	Invesco S&P 500 Pure Growth ETF	-2.08%
QQH	HCM Defender 100 Index ETF	-2.07%
BUZZ	VanEck Social Sentiment ETF	-2.04%
MTUM	iShares MSCI USA Momentum Factor ETF	-1.91%
SEIM	SEI Enhanced U.S. Large Cap Momentum Factor ETF	-1.85%
FFTY	Innovator IBD 50 ETF	-1.80%
FPX	First Trust US Equity Opportunities ETF	-1.80%
NULG	Nuveen ESG Large-Cap Growth ETF	-1.78%
LGH	HCM Defender 500 Index ETF	-1.74%
USXF	iShares ESG Advanced MSCI USA ETF	-1.73%

Size & Style Most Oversold

Ticker	Fund	Value
QQXT	First Trust Nasdaq-100 Ex-Technology Sector Index ..	37.82
SEIQ	SEI Enhanced U.S. Large Cap Quality Factor ETF	39.30
FTCS	First Trust Capital Strength ETF	39.59
QQQE	Direxion NASDAQ-100 Equal Weighted Index Shares	39.78
USMC	Principal U.S. Mega-Cap ETF	39.86
QQEW	First Trust Nasdaq-100 Equal Weighted Index Fund	40.08
DIA	SPDR Dow Jones Industrial Average ETF Trust	40.17
VEGN	US Vegan Climate ETF	40.82
NUMG	Nuveen ESG Mid-Cap Growth ETF	40.90
FDLO	Fidelity Low Volatility Factor ETF	40.92

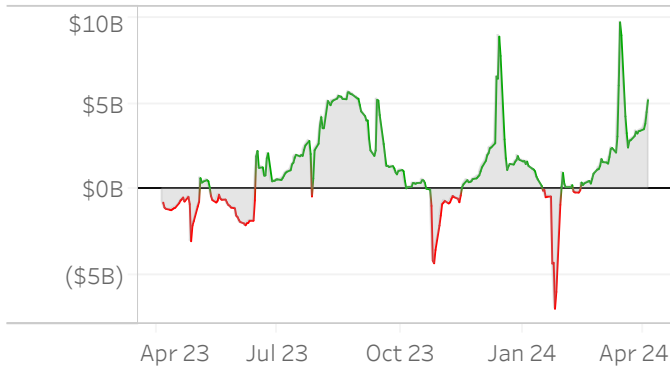
■ Closing Price ■ 50 Day Moving Average ■ 200 Day Moving Average

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

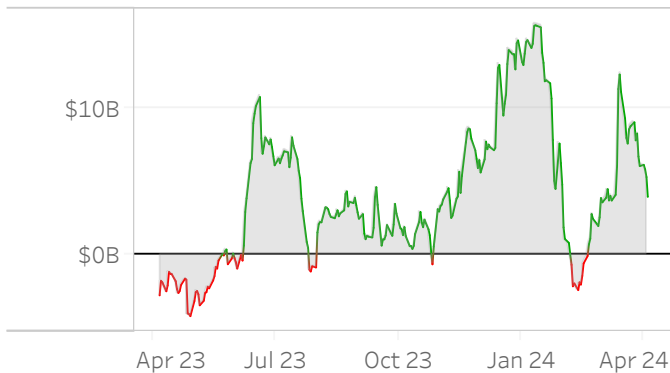
Large-Cap 30-Day Rolling Flows



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	\$1,881B	\$1.78B	\$47.54B	\$141.43B	\$214.64B
Large Cap, Beta, Beta: Growth	10	\$363B	(\$0.12B)	\$9.24B	\$18.17B	\$24.20B
Large Cap, Beta, Beta: Value	11	\$262B	(\$0.35B)	\$2.59B	\$8.14B	\$4.69B
Mid Cap, Beta, Beta	10	\$229B	\$0.60B	\$3.34B	\$3.53B	\$9.80B
Mid Cap, Beta, Beta: Growth	6	\$44B	\$0.45B	\$1.18B	\$2.12B	\$2.71B
Mid Cap, Beta, Beta: Value	6	\$42B	(\$0.04B)	(\$1.35B)	(\$1.40B)	(\$2.88B)
Small Cap, Beta, Beta	11	\$239B	\$0.65B	\$0.47B	\$13.49B	\$22.78B
Small Cap, Beta, Beta: Growth	7	\$40B	(\$0.08B)	\$0.92B	\$2.24B	\$2.80B
Small Cap, Beta, Beta: Value	7	\$54B	(\$0.03B)	(\$0.91B)	\$0.36B	(\$1.18B)

U.S. Size & Style Flow Leaders

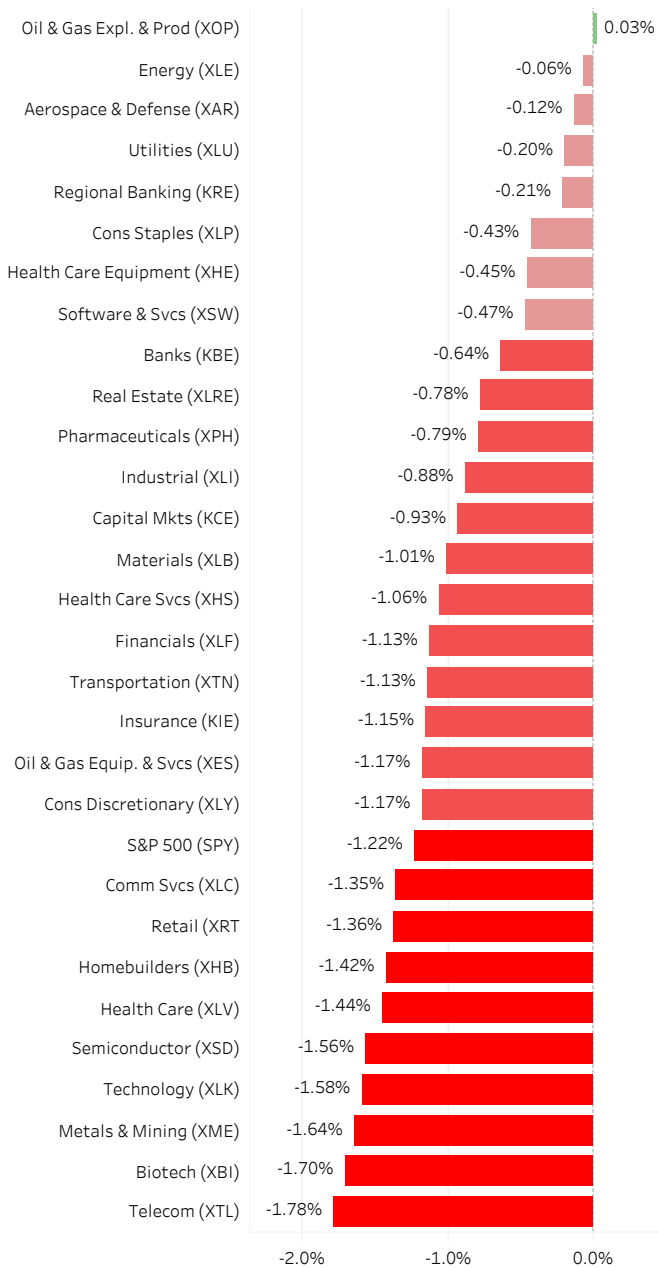
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
VTI	Vanguard Total Stock Market ETF	\$2.58B	\$9.94B	\$16.74B	\$28.90B	\$388.51B
VOO	Vanguard S&P 500 ETF	\$2.06B	\$24.73B	\$36.68B	\$63.18B	\$434.25B
COWZ	Pacer US Cash Cows 100 ETF	\$0.63B	\$2.38B	\$4.77B	\$6.38B	\$23.15B
VTWO	Vanguard Russell 2000 ETF	\$0.42B	\$1.47B	\$2.29B	\$2.59B	\$9.58B
QQQ	Invesco QQQ Trust Series I	\$0.35B	\$8.22B	\$13.09B	\$17.65B	\$258.33B
IJK	iShares S&P Mid-Cap 400 Growth ETF	\$0.35B	\$0.36B	\$0.47B	\$0.43B	\$9.66B
FNX	First Trust Mid Cap Core AlphaDEX Fund	\$0.31B	\$0.31B	\$0.29B	\$0.29B	\$1.50B
IJR	iShares Core S&P Small Cap ETF	\$0.30B	\$1.64B	\$2.71B	\$4.36B	\$78.78B
JEPQ	JPMorgan NASDAQ Equity Premium Income E..	\$0.29B	\$2.82B	\$5.18B	\$8.70B	\$12.01B
FTC	First Trust Large Cap Growth AlphaDEX Fund	\$0.26B	\$0.25B	\$0.17B	\$0.18B	\$1.39B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
IWY	iShares Russell Top 200 Growth ETF	(\$0.69B)	\$0.32B	\$1.01B	\$0.88B	\$9.48B
IWM	iShares Russell 2000 ETF	(\$0.33B)	(\$5.79B)	\$2.83B	\$5.98B	\$63.65B
SYLD	Cambria Shareholder Yield ETF	(\$0.32B)	\$0.11B	\$0.23B	\$0.30B	\$1.24B
GSLC	Goldman Sachs ActiveBeta U.S. Large Cap Eq..	(\$0.25B)	(\$0.31B)	(\$0.79B)	(\$1.27B)	\$12.23B
IWD	iShares Russell 1000 Value ETF	(\$0.25B)	(\$2.62B)	(\$0.76B)	(\$3.10B)	\$55.43B
MTUM	iShares MSCI USA Momentum Factor ETF	(\$0.23B)	\$0.14B	(\$0.57B)	(\$2.33B)	\$10.19B
DWAS	Invesco Dorsey Wright SmallCap Momentum ..	(\$0.23B)	\$0.10B	\$0.09B	\$0.23B	\$0.91B
IVE	iShares S&P 500 Value ETF	(\$0.21B)	\$3.80B	\$4.23B	\$3.29B	\$33.05B
DIA	SPDR Dow Jones Industrial Average ETF Trust	(\$0.18B)	(\$0.50B)	\$0.69B	\$0.43B	\$33.60B
PDP	Invesco Dorsey Wright Momentum ETF	(\$0.16B)	(\$0.02B)	(\$0.08B)	(\$0.07B)	\$1.26B

* 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	-0.06%	26.70%	10.12%	12.22%	82.23
XLB	Materials Select Sector SPDR Fund	-1.02%	23.48%	4.98%	10.83%	61.46
XLC	Communication Services Select Sector SPDR Fund	-1.35%	45.54%	2.47%	14.53%	57.22
XLI	Industrial Select Sector SPDR Fund	-1.60%	28.53%	3.02%	12.45%	55.15
SPY	SPDR S&P 500 ETF Trust	-1.93%	26.88%	1.15%	10.61%	47.47
XLF	Financial Select Sector SPDR Fund	-2.23%	30.94%	2.24%	13.47%	51.89
XLK	Technology Select Sector SPDR Fund	-3.27%	41.77%	-0.83%	10.68%	42.28
XLY	Consumer Discretionary Select Sector SPDR Fund	-3.88%	23.77%	-1.07%	3.87%	40.35
XLV	Health Care Select Sector SPDR Fund	-4.00%	15.28%	-2.06%	4.68%	33.54
XLP	Consumer Staples Select Sector SPDR Fund	-4.25%	12.07%	-0.54%	2.76%	38.49
XLRE	Real Estate Select Sector SPDR Fund	-5.85%	18.45%	-1.65%	2.14%	40.07
XLU	Utilities Select Sector SPDR Fund	-7.15%	15.63%	3.82%	3.50%	60.03

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
ITA	iShares U.S. Aerospace & Defense ETF	0.39%
KBWR	Invesco KBW Regional Banking ETF	0.37%
PSCC	Invesco S&P SmallCap Consumer Staples ETF	0.31%
QABA	First Trust NASDAQ ABA Community Bank Index F..	0.27%
PPA	Invesco Aerospace & Defense ETF	0.05%
FTXG	First Trust Nasdaq Food & Beverage ETF	0.04%
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	0.03%
IYE	iShares U.S. Energy ETF	-0.04%
PXE	Invesco Energy Exploration & Production ETF	-0.05%
XLE	Energy Select Sector SPDR Fund	-0.06%

Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
IEO	iShares U.S. Oil & Gas Exploration & Production ETF	85.12
FTXN	First Trust Nasdaq Oil & Gas ETF	83.94
IYE	iShares U.S. Energy ETF	83.34
FXN	First Trust Energy AlphaDEX Fund	83.01
XLE	Energy Select Sector SPDR Fund	82.23
RSPG	Invesco S&P 500 Equal Weight Energy ETF	82.17
PXE	Invesco Energy Exploration & Production ETF	81.99
FENY	Fidelity MSCI Energy Index ETF	81.81
FCG	First Trust Natural Gas ETF	80.61
VDE	Vanguard Energy ETF	80.55

Sector & Industry 1 Day Performance Laggards

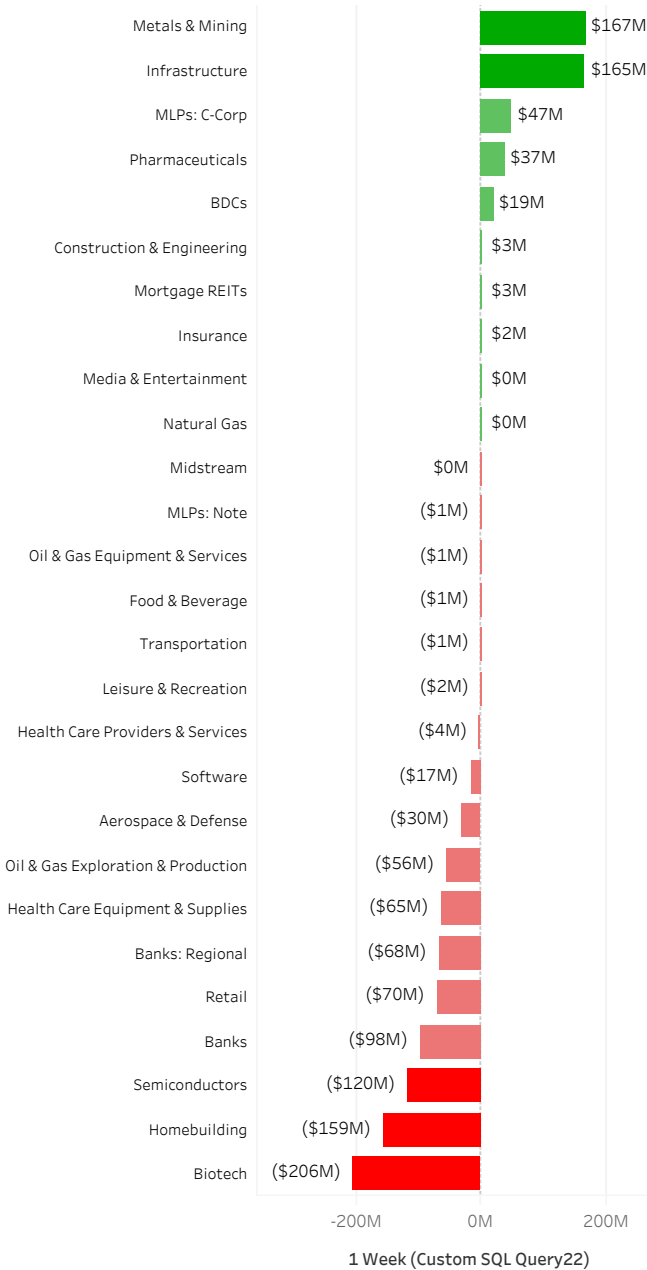
Ticker	Fund	1 Day Performance
SOXQ	Invesco PHLX Semiconductor ETF	-3.05%
SOXX	iShares Semiconductor ETF	-2.83%
PSI	Invesco Semiconductors ETF	-2.53%
FTXL	First Trust Nasdaq Semiconductor ETF	-2.45%
PEJ	Invesco Leisure and Entertainment ETF	-2.18%
RSPC	Invesco S&P 500 Equal Weight Communication Service..	-2.00%
QTEC	First Trust NASDAQ-100 Technology Sector Index Fund	-1.95%
IGPT	Invesco AI and Next Gen Software ETF	-1.88%
FXD	First Trust Consumer Discretionary AlphaDEX Fund	-1.84%
XNTK	SPDR NYSE Technology ETF	-1.79%

Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
IHF	iShares U.S. Healthcare Providers ETF	32.30
IBB	iShares Biotechnology ETF	32.83
XLV	Health Care Select Sector SPDR Fund	33.54
PBE	Invesco Biotechnology & Genome ETF	33.94
IYH	iShares U.S. Healthcare ETF	33.95
VHT	Vanguard Health Care ETF	34.51
FHLC	Fidelity MSCI Health Care Index ETF	34.70
IYZ	iShares U.S. Telecommunications ETF	34.74
RSPH	Invesco S&P 500 Equal Weight Health Care ETF	35.35
XPH	SPDR S&P Pharmaceuticals ETF	35.96

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

U.S. Sector & Industry 1-Week Flows



U.S. Sector Landscape

	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Communication Services	7	\$24B	\$424M	\$565M	\$1,839M	\$4,120M
Consumer Discretionary	12	\$31B	\$333M	\$971M	\$929M	\$2,989M
Consumer Staples	10	\$25B	(\$390M)	(\$1,369M)	(\$3,975M)	(\$4,796M)
Energy	30	\$81B	\$356M	(\$295M)	(\$569M)	(\$4,261M)
Financials	26	\$66B	\$181M	(\$1,751M)	(\$625M)	(\$1,475M)
Health Care	23	\$91B	(\$648M)	(\$845M)	(\$3,288M)	(\$6,642M)
Industrial	13	\$42B	\$416M	\$1,714M	\$1,905M	\$2,518M
Materials	9	\$13B	\$219M	(\$179M)	(\$753M)	(\$2,649M)
Multi-Sector	16	\$24B	(\$22M)	\$1,516M	\$1,223M	\$3,535M
Real Estate	25	\$60B	\$76M	\$1,260M	\$3,687M	\$2,992M
Technology	23	\$198B	\$68M	\$6,779M	\$11,801M	\$11,642M
Utilities	9	\$20B	(\$124M)	(\$2,521M)	(\$3,779M)	(\$3,852M)

U.S. Sector & Industry Flow Leaders

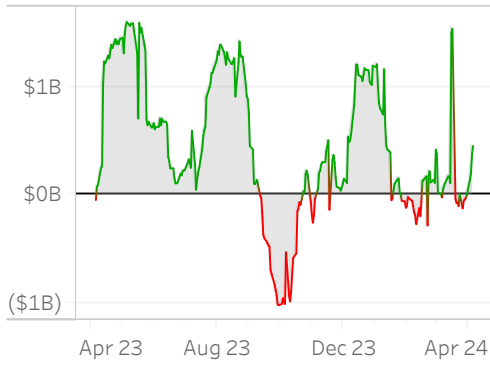
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLY	Consumer Discretionary Select Sector SPDR Fu..	\$405M	\$766M	\$980M	\$2,532M	\$20,022M
XLI	Industrial Select Sector SPDR Fund	\$386M	\$1,117M	\$721M	\$1,362M	\$18,496M
XLF	Financial Select Sector SPDR Fund	\$371M	\$477M	\$303M	\$124M	\$38,370M
XLC	Communication Services Select Sector SPDR Fu..	\$291M	\$365M	\$1,749M	\$3,648M	\$18,632M
XLE	Energy Select Sector SPDR Fund	\$286M	(\$413M)	(\$408M)	(\$3,168M)	\$41,129M
XME	SPDR S&P Metals & Mining ETF	\$167M	(\$63M)	\$50M	(\$435M)	\$2,033M
PAVE	Global X U.S. Infrastructure Development ETF	\$146M	\$885M	\$820M	\$1,568M	\$7,447M
VGT	Vanguard Information Technology ETF	\$144M	\$1,989M	\$3,032M	\$2,178M	\$65,644M
XLK	Technology Select Sector SPDR Fund	\$125M	\$2,259M	\$4,632M	\$4,300M	\$65,199M
VOX	Vanguard Communication Services ETF	\$79M	\$158M	(\$5M)	\$346M	\$4,131M

U.S. Sector & Industry Flow Laggards

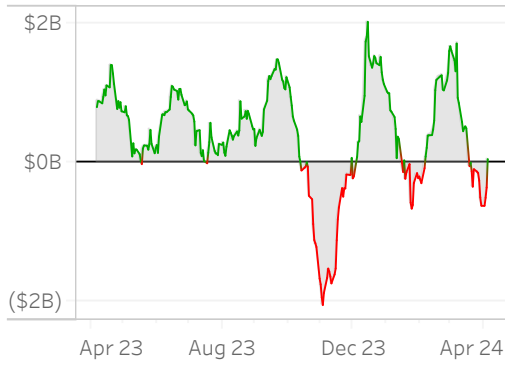
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLP	Consumer Staples Select Sector SPDR Fund	(\$375M)	(\$920M)	(\$2,595M)	(\$2,068M)	\$14,900M
XLV	Health Care Select Sector SPDR Fund	(\$272M)	(\$533M)	(\$1,958M)	(\$2,656M)	\$39,988M
XLU	Utilities Select Sector SPDR Fund	(\$173M)	(\$2,443M)	(\$2,987M)	(\$2,711M)	\$12,075M
XBI	SPDR S&P BIOTECH ETF	(\$148M)	(\$4M)	\$274M	(\$399M)	\$7,088M
ITB	iShares U.S. Home Construction ETF	(\$147M)	\$431M	\$295M	\$438M	\$3,078M
PTF	Invesco Dorsey Wright Technology Momentum ..	(\$124M)	(\$5M)	\$3M	\$71M	\$396M
SOXX	iShares Semiconductor ETF	(\$113M)	\$498M	\$712M	\$773M	\$12,815M
FHLC	Fidelity MSCI Health Care Index ETF	(\$112M)	(\$126M)	(\$204M)	(\$247M)	\$3,065M
KBE	SPDR S&P Bank ETF	(\$98M)	(\$606M)	\$84M	(\$246M)	\$1,411M
XOP	SPDR S&P Oil & Gas Exploration & Production E..	(\$94M)	\$11M	\$305M	(\$237M)	\$4,235M

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

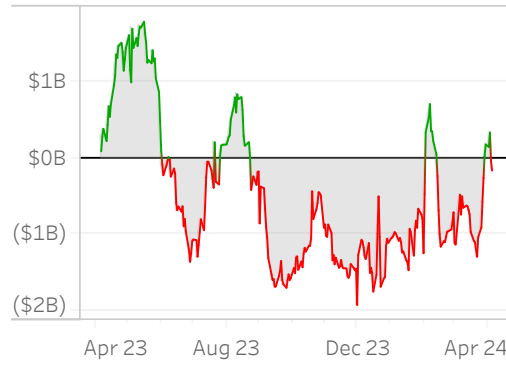
Communication Services



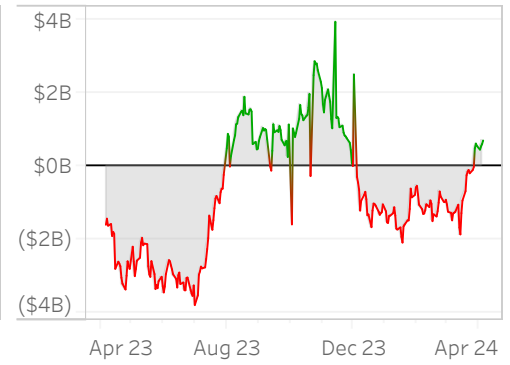
Consumer Discretionary



Consumer Staples



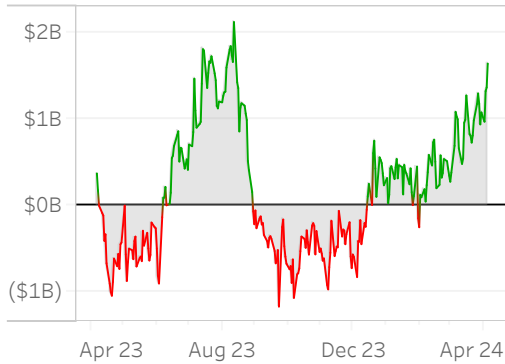
Energy



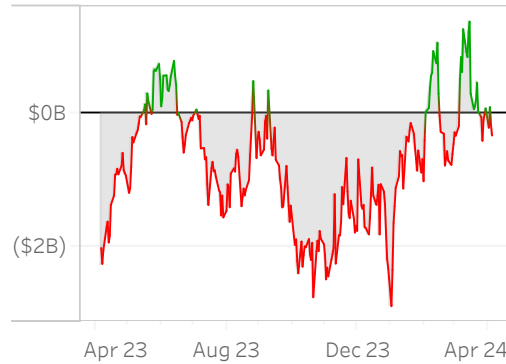
Financials



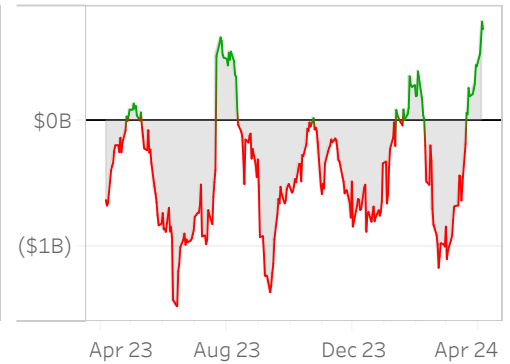
Industrial



Health Care



Materials



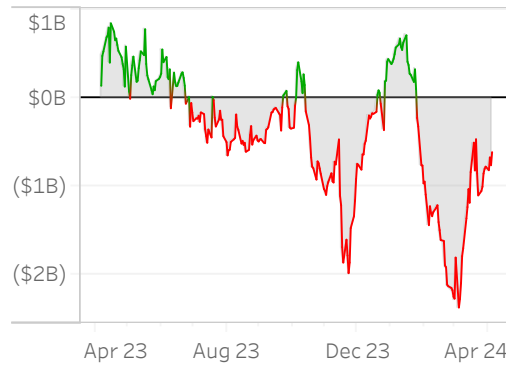
Real Estate



Technology



Utilities

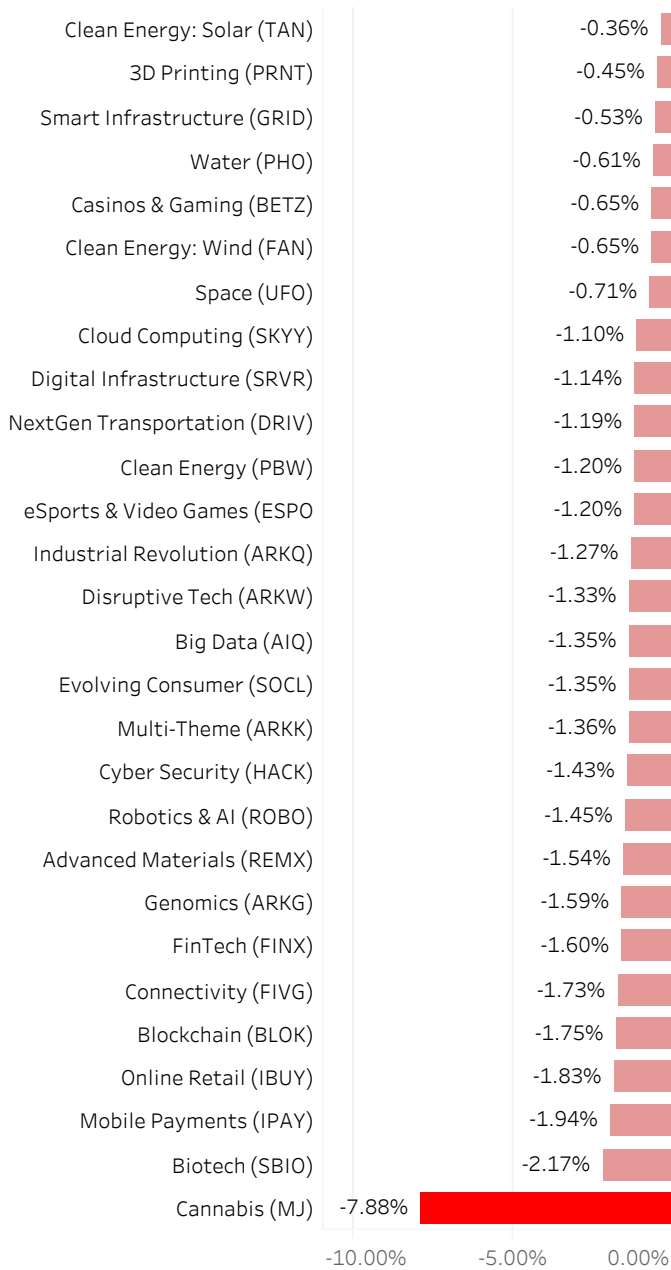


Multi-Sector

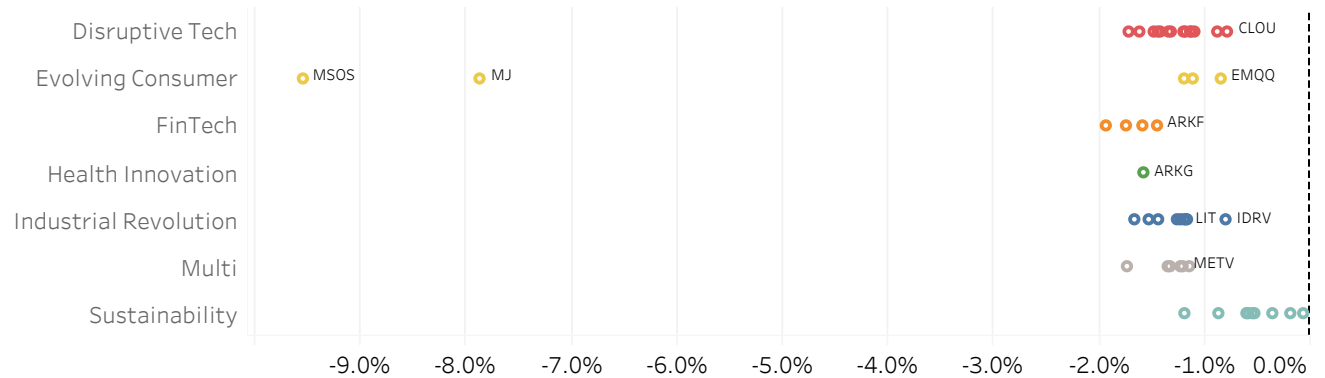


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Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
PAWZ	ProShares Pet Care ETF	0.25%
PBD	Invesco Global Clean Energy ETF	0.21%
SMOG	VanEck Low Carbon Energy ETF	0.05%
ICLN	iShares Global Clean Energy ETF	-0.07%
DAPP	VanEck Digital Transformation ETF	-0.10%
CGW	Invesco S&P Global Water Index ETF	-0.19%
EBLU	Ecofin Global Water ESG Fund	-0.24%
CRPT	First Trust SkyBridge Crypto Industry & Digital Economy ..	-0.30%
KGRN	KraneShares MSCI China Clean Technology Index ETF	-0.31%
CTEC	Global X CleanTech ETF	-0.32%

Thematic Most Overbought

Ticker	Fund	Price
YOLO	AdvisorShares Pure Cannabis ETF	62.47
MJ	Amplify Alternative Harvest ETF	60.04
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure ..	58.48
LEGR	First Trust Indxx Innovative Transaction & Process ETF	57.22
EMQQ	EMQQ The Emerging Markets Internet & Ecommerce ETF	55.30
EVX	VanEck Environmental Services ETF	55.26
REMX	VanEck Rare Earth/Strategic Metals ETF	55.09
EBLU	Ecofin Global Water ESG Fund	54.70
SAMT	Strategas Macro Thematic Opportunities ETF	54.67
KWEB	KraneShares CSI China Internet ETF	54.64

Global Thematic 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
MJUS	Amplify U.S. Alternative Harvest ETF	-9.91%
MSOS	AdvisorShares Pure US Cannabis ETF	-9.55%
MJ	Amplify Alternative Harvest ETF	-7.88%
YOLO	AdvisorShares Pure Cannabis ETF	-5.48%
BLCN	Siren ETF Trust Siren Nasdaq NexGen Economy ETF	-2.98%
SPRX	Spear Alpha ETF	-2.50%
IZRL	ARK Israel Innovative Technology ETF	-2.49%
SBIO	ALPS Medical Breakthroughs ETF	-2.17%
IPAY	Amplify Mobile Payments ETF	-1.94%
IBUY	Amplify Online Retail ETF	-1.83%

Thematic Most Oversold

Ticker	Fund	Price
ARKG	ARK Genomic Revolution ETF	31.61
SRVR	Pacer Data & Infrastructure Real Estate ETF	32.30
GNOM	Global X Genomics & Biotechnology ETF	32.48
IHAK	iShares Cybersecurity & Tech ETF	34.75
WCBR	WisdomTree Cybersecurity Fund	35.14
SPRX	Spear Alpha ETF	35.75
EDOC	Global X Telemedicine & Digital Health ETF Registered	35.90
WCLD	WisdomTree Cloud Computing Fund	36.03
CLOU	Global X Cloud Computing ETF	36.47
DTEC	ALPS Disruptive Technologies ETF	37.13

* 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
AIQ	Global X Artificial Intelligence & Technology ETF	\$40M
MSOS	AdvisorShares Pure US Cannabis ETF	\$30M
THNQ	ROBO Global Artificial Intelligence ETF	\$3M
ARKG	ARK Genomic Revolution ETF	\$3M
PBW	Invesco WilderHill Clean Energy ETF	\$3M
FCLD	Fidelity Cloud Computing ETF	\$2M
TECB	iShares U.S. Tech Breakthrough Multisector ETF	\$2M
IHAK	iShares Cybersecurity & Tech ETF	\$2M
WTAI	WisdomTree Artificial Intelligence and Innovation Fund	\$2M

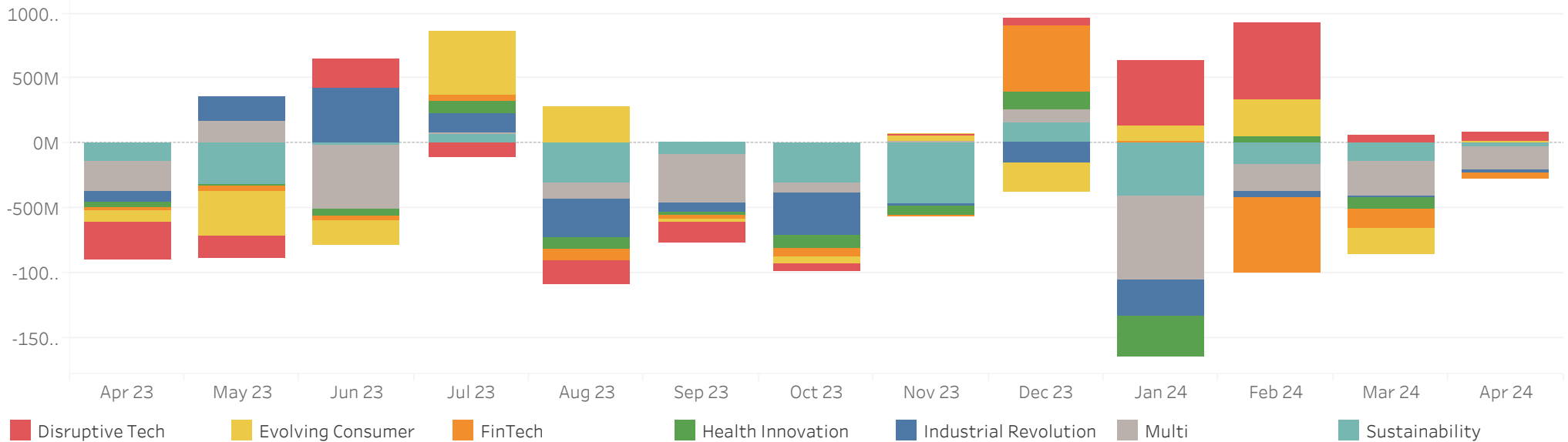
Thematic 1 Week Flow Laggards

Ticker	Fund	Flow
ARKK	ARK Innovation ETF	(\$151M)
SKYY	First Trust Cloud Computing ETF	(\$29M)
KOMP	SPDR S&P Kensho New Economies Composite ETF	(\$28M)
ARKF	ARK Fintech Innovation ETF	(\$19M)
WGMI	Valkyrie Bitcoin Miners ETF	(\$12M)
SOCL	Global X Social Media ETF	(\$12M)
LIT	Global X Lithium & Battery Tech ETF	(\$12M)
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	(\$12M)
ICLN	iShares Global Clean Energy ETF	(\$11M)
ARKW	ARK Next Generation Internet ETF	(\$8M)

Thematic Landscape Assets & Flows

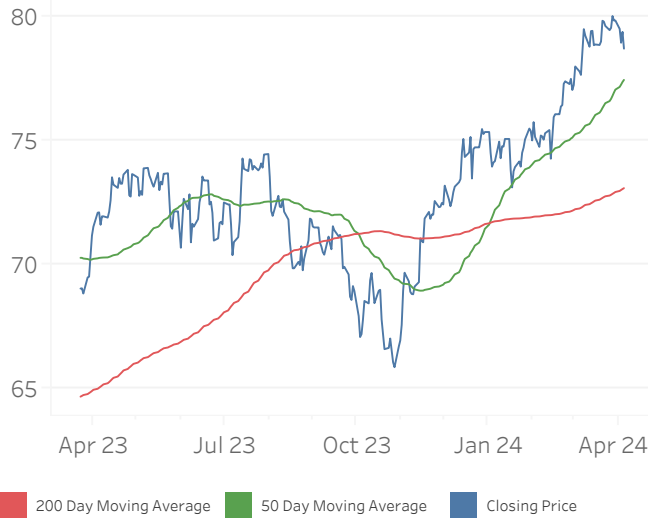
Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	33	\$21B	\$57M	\$1,214M	\$1,225M	\$535M
Evolving Consumer	34	\$9B	\$20M	\$248M	(\$16M)	\$137M
FinTech	17	\$3B	(\$47M)	(\$738M)	(\$277M)	(\$503M)
Health Innovation	17	\$2B	(\$2M)	(\$365M)	(\$393M)	(\$523M)
Industrial Revolution	29	\$10B	(\$20M)	(\$257M)	(\$825M)	(\$546M)
Multi	33	\$15B	(\$177M)	(\$1,018M)	(\$1,299M)	(\$2,288M)
Sustainability	39	\$12B	(\$30M)	(\$686M)	(\$1,301M)	(\$2,171M)
Grand Total	202	\$72B	(\$200M)	(\$1,603M)	(\$2,887M)	(\$5,358M)

Thematic Monthly Flows

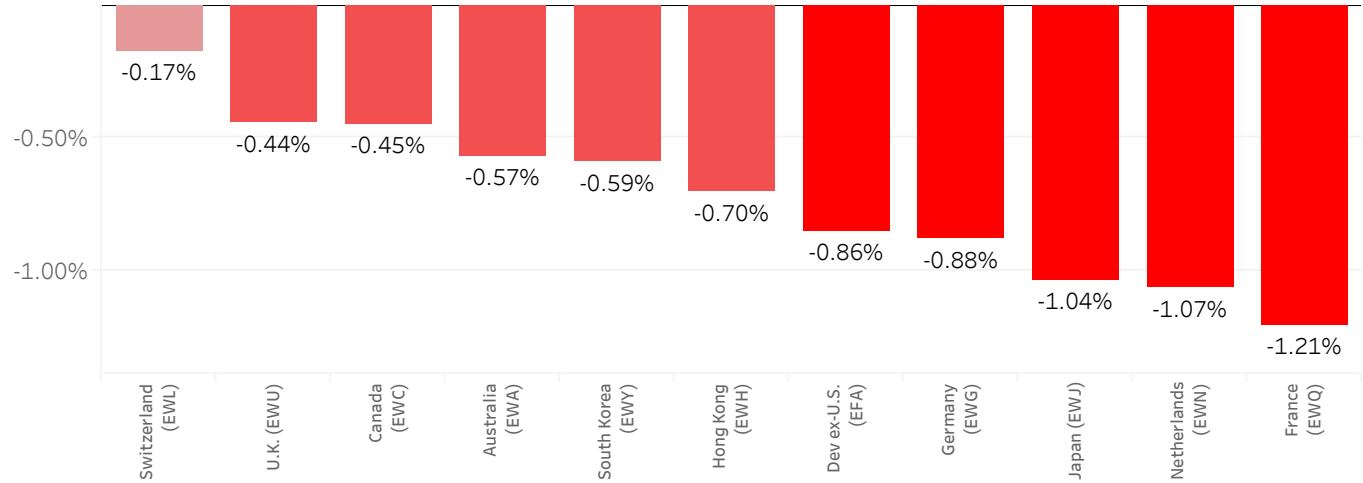


* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

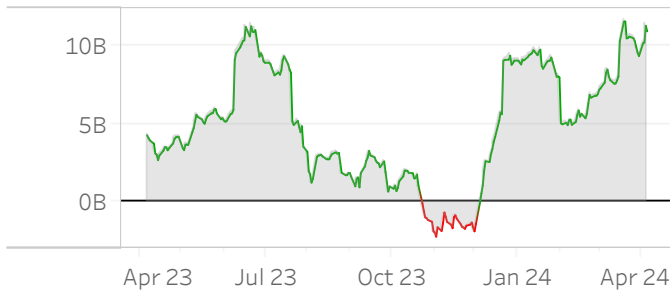
Developed ex-U.S. (EFA)



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



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



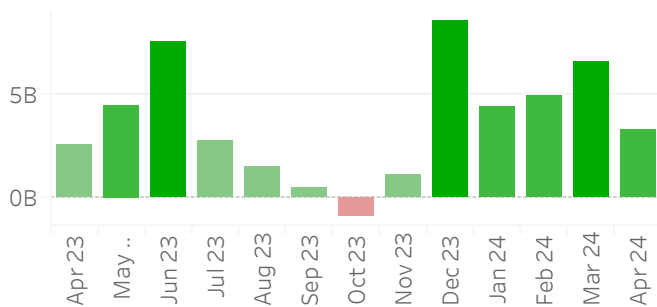
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	Performance
FJP	First Trust Japan AlphaDEX Fund	0.18%
FDD	First Trust Stoxx European Select Dividend Index Fund	-0.04%
EWO	iShares MSCI Austria ETF	-0.08%
EWL	iShares MSCI Switzerland ETF	-0.17%
FLCA	Franklin FTSE Canada ETF Franklin FTSE Canada Fund	-0.17%
EWP	iShares MSCI Spain ETF	-0.19%
SCJ	iShares MSCI Japan Small-Cap ETF	-0.32%
EWS	iShares MSCI Singapore ETF	-0.33%
ENZL	iShares MSCI New Zealand ETF	-0.35%
DFIV	Dimensional International Value ETF	-0.35%

Developed ex-U.S. Most Overbought

Ticker	Fund	Value
FDD	First Trust Stoxx European Select Dividend Index Fund	72.28
DFIV	Dimensional International Value ETF	69.53
EWO	iShares MSCI Austria ETF	68.16
EWP	iShares MSCI Spain ETF	66.65
DISV	Dimensional International Small Cap Value ETF	64.12
AVIV	Avantis International Large Cap Value ETF	63.31
LVHI	Franklin International Low Volatility High Dividend Index ..	62.95
AIA	iShares Asia 50 ETF	62.83
AVDV	Avantis International Small Cap Value ETF	62.35
IVLU	iShares MSCI Intl Value Factor ETF	61.58

Developed ex-U.S. Monthly Flows



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

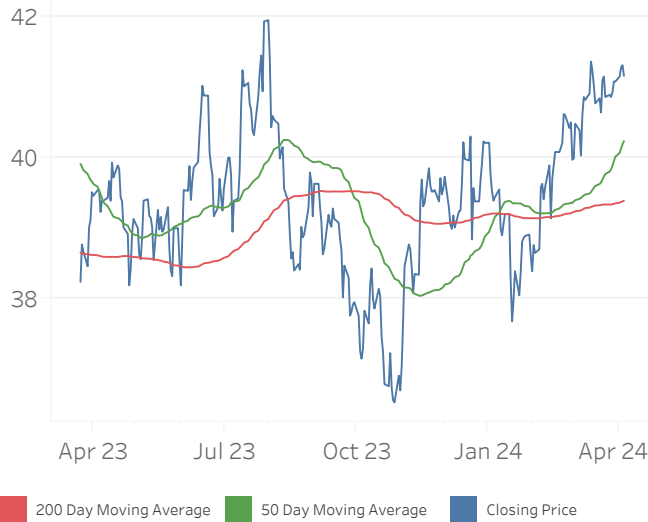
Ticker	Fund	Performance
EIS	iShares MSCI Israel ETF	-3.98%
ISRA	VanEck Israel ETF	-2.68%
EDEN	iShares MSCI Denmark ETF	-1.57%
HEWJ	iShares Currency Hedged MSCI Japan ETF	-1.37%
EWI	iShares MSCI Italy ETF	-1.25%
EIRL	iShares MSCI Ireland ETF	-1.24%
EWQ	iShares MSCI France ETF	-1.21%
PIZ	Invesco Dorsey Wright Developed Markets Momentum ETF	-1.17%
IHDG	WisdomTree International Hedged Quality Dividend Grow..	-1.17%
FEZ	SPDR EURO STOXX 50 ETF	-1.16%

Developed ex-U.S. Most Oversold

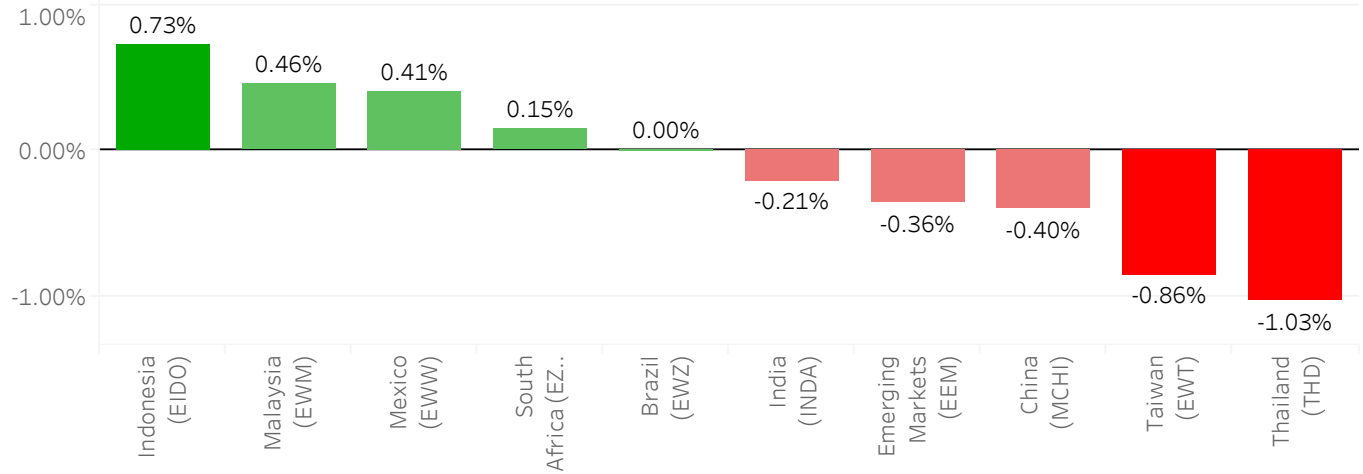
Ticker	Fund	Value
EIS	iShares MSCI Israel ETF	33.91
GREK	Global X MSCI Greece ETF	34.32
BKCI	BNY Mellon Concentrated International ETF	36.15
EWH	iShares MSCI Hong Kong ETF	37.12
ISRA	VanEck Israel ETF	38.32
FIFD	ProShares MSCI EAFE Dividend Growers ETF	38.53
EFAC	First Trust International Developed Capital Strengt..	39.29
IDLV	Invesco S&P International Developed Low Volatility ..	39.47
EFAV	iShares MSCI EAFE Min Vol Factor ETF	41.13
FSZ	First Trust Switzerland AlphaDEX Fund	41.24

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Emerging (EEM)



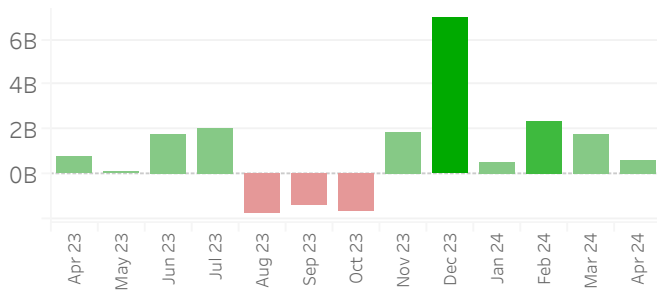
Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
TUR	iShares MSCI Turkey ETF	1.91%
QAT	iShares MSCI Qatar ETF	0.87%
ECH	iShares MSCI Chile ETF	0.85%
EIDO	iShares MSCI Indonesia ETF	0.73%
EPOL	iShares MSCI Poland ETF	0.55%
EWM	iShares MSCI Malaysia ETF	0.46%
EWW	iShares MSCI Mexico ETF	0.41%
DVYE	iShares Emerging Markets Dividend ETF	0.34%
INDY	iShares India 50 ETF	0.32%
GLIN	VanEck India Growth Leaders ETF	0.30%

Emerging Most Overbought

Ticker	Fund	Value
EPU	iShares MSCI Peru and Global Exposure ETF	68.26
DFEV	Dimensional Emerging Markets Value ETF	66.52
FRDM	Freedom 100 Emerging Markets ETF	65.80
EWW	iShares MSCI Mexico ETF	64.94
ECH	iShares MSCI Chile ETF	64.54
ECOW	Pacer Emerging Markets Cash Cows 100 ETF	64.44
FM	iShares Frontier and Select EM ETF	64.27
SMIN	iShares MSCI India Small Cap ETF	63.50
FEM	First Trust Emerging Markets AlphaDEX Fund	63.46
PIE	Invesco Dorsey Wright Emerging Markets Momentu..	62.90

Emerging 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
EPHE	iShares MSCI Philippines ETF	-2.09%
EPU	iShares MSCI Peru and Global Exposure ETF	-1.20%
PGJ	Invesco Golden Dragon China ETF	-1.15%
THD	iShares MSCI Thailand ETF	-1.03%
EWT	iShares MSCI Taiwan ETF	-0.86%
EDIV	SPDR S&P Emerging Markets Dividend ETF	-0.80%
FLTW	Franklin FTSE Taiwan ETF Franklin FTSE Taiwan Fund	-0.79%
NUEM	Nuveen ESG Emerging Markets Equity ETF	-0.58%
PIE	Invesco Dorsey Wright Emerging Markets Momentum E..	-0.57%
FXI	iShares China Large-Cap ETF	-0.53%

Emerging Most Oversold

Ticker	Fund	Value
THD	iShares MSCI Thailand ETF	35.40
EPHE	iShares MSCI Philippines ETF	35.86
KWT	iShares MSCI Kuwait ETF	37.02
QAT	iShares MSCI Qatar ETF	38.10
EIDO	iShares MSCI Indonesia ETF	39.45
EELV	Invesco S&P Emerging Markets Low Volatility ETF	43.63
FLBR	Franklin FTSE Brazil ETF Franklin FTSE Brazil Fund	43.94
EWZ	iShares MSCI Brazil ETF	43.96
EWZS	iShares MSCI Brazil Small-Cap ETF	44.83
VNM	VanEck Vietnam ETF	45.67

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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	0.24%	0.17%	-1.23%
SHY	1-3 Year Treasury Bonds	0.10%	0.26%	0.28%
IEF	7-10 Year Treasury Bonds	0.34%	-0.16%	-1.95%
TLT	20+ Year Treasury Bonds	0.72%	-1.17%	-5.36%
TIP	TIPS Bonds	0.37%	0.11%	-0.32%
FLOT	Floating Rate Bonds	0.00%	0.60%	2.00%
LQD	Investment Grade Corporate	0.11%	0.18%	-1.79%
HYG	High Yield Corporate	-0.08%	0.16%	0.93%
BKLN	Senior Loan	-0.28%	0.22%	1.44%
PFF	Preferred & Income Securities	0.25%	1.29%	4.48%
MUB	Municipal Bonds	0.12%	-0.48%	-0.72%
MBB	MBS	0.26%	0.30%	-1.53%
EMB	Dollar Denominated EM Bonds	-0.04%	1.27%	1.33%
LEMB	Local Currency EM Bond	0.25%	0.27%	-1.31%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	0.03%	5.85%	5.73%
DBE	Energy	0.61%	7.18%	12.04%
USO	WTI Crude Oil	1.26%	11.16%	23.44%
BNO	Brent Crude Oil	1.55%	10.83%	22.15%
UNG	Natural Gas	-3.62%	-13.87%	-26.53%
UGA	Gasoline	0.87%	8.60%	20.00%
DBP	Precious Metals	-0.61%	8.66%	11.17%
GLD	Gold	-0.57%	7.91%	10.65%
SLV	Silver	-0.97%	12.03%	12.44%
PPLT	abrdrn Physical Platin..	-0.87%	3.50%	-6.14%
PALL	abrdrn Physical Palla..	-0.06%	6.06%	-7.16%
DBB	Base Metals	0.48%	8.56%	3.28%
CPER	Copper	-0.34%	9.33%	8.78%
DBA	Agriculture	0.40%	10.47%	19.58%
CORN	Corn	0.55%	2.20%	-7.28%
SOYB	Soybeans	-0.32%	3.16%	-7.04%
WEAT	Wheat	0.19%	1.89%	-9.88%
CANE	Sugar	0.75%	5.95%	7.79%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	0.00%	0.96%	4.50%
UDN	Short Dollar	-0.02%	-0.19%	-2.14%
FXE	Euro	0.01%	0.02%	-1.20%
FXB	British Pound Sterling	-0.02%	-0.13%	-0.01%
FXF	Swiss Franc	0.23%	-1.78%	-6.61%
FXJ	Japanese Yen	0.28%	-0.49%	-6.91%
FXC	Canadian Dollar	-0.20%	0.43%	-1.59%
FXA	Australian Dollar	0.29%	1.26%	-3.03%

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