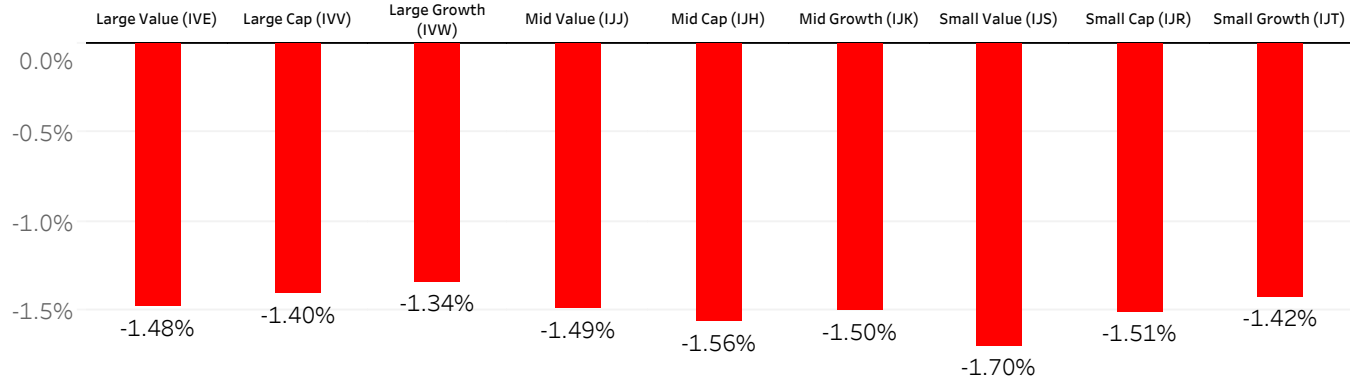


Large Cap Blend (S&P 500) IVV



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	0.28%
PTNQ	Pacer Trendpilot 100 ETF	-0.68%
SMLV	SPDR SSGA US Small Cap Low Volatility Index ETF	-0.70%
FDLO	Fidelity Low Volatility Factor ETF	-0.71%
SPLV	Invesco S&P 500 Low Volatility ETF	-0.79%
ALTL	Pacer Lunt Large Cap Alternator ETF	-0.86%
LGLV	SPDR SSGA US Large Cap Low Volatility Index ETF	-0.88%
VSMV	VictoryShares US Multi-Factor Minimum Volatility ETF	-0.91%
HUSV	First Trust Horizon Managed Volatility Domestic ETF	-0.92%
XMLV	Invesco S&P MidCap Low Volatility ETF	-0.93%

Size & Style Most Overbought

Ticker	Fund	Value
SPC	CrossingBridge Pre-Merger SPAC ETF	62.80
IVW	iShares S&P 500 Growth ETF	50.74
SPMO	Invesco S&P 500 Momentum ETF	50.73
SPYG	SPDR Portfolio S&P 500 Growth ETF	50.58
VOOG	Vanguard S&P 500 Growth ETF	50.57
IUSG	iShares Core S&P U.S. Growth ETF	50.33
SCHG	Schwab U.S. Large-Cap Growth ETF	50.26
IWY	iShares Russell Top 200 Growth ETF	50.07
PTNQ	Pacer Trendpilot 100 ETF	49.67
VUG	Vanguard Growth ETF	49.64

Small Cap Blend (S&P 600) IJR



Size & Style 1-Day Performance Laggards

Ticker	Fund	Performance
IPO	Renaissance IPO ETF	-3.15%
BUZZ	VanEck Social Sentiment ETF	-2.70%
FFTY	Innovator IBD 50 ETF	-2.62%
SFYX	SoFi Next 500 ETF	-2.48%
SPHB	Invesco S&P 500 High Beta ETF	-2.40%
FYC	First Trust Small Cap Growth AlphaDEX Fund	-2.38%
DWAS	Invesco Dorsey Wright SmallCap Momentum ETF	-2.37%
LCG	Sterling Capital Focus Equity ETF	-2.34%
PEXL	Pacer US Export Leaders ETF	-2.31%
QQQJ	Invesco NASDAQ Next Gen 100 ETF	-2.29%

Size & Style Most Oversold

Ticker	Fund	Value
HUSV	First Trust Horizon Managed Volatility Domestic ETF	30.51
ALTL	Pacer Lunt Large Cap Alternator ETF	30.98
SPLV	Invesco S&P 500 Low Volatility ETF	31.61
SELV	SEI Enhanced Low Volatility U.S. Large Cap ETF	31.80
USMV	iShares MSCI USA Min Vol Factor ETF	31.88
EDOW	First Trust Dow 30 Equal Weight ETF	32.20
SIXL	ETC 6 Meridian Low Beta Equity ETF	32.64
DIA	SPDR Dow Jones Industrial Average ETF Trust	32.73
FVD	First Trust Value Line Dividend Index Fund	32.94
LGLV	SPDR SSGA US Large Cap Low Volatility Index ETF	33.13

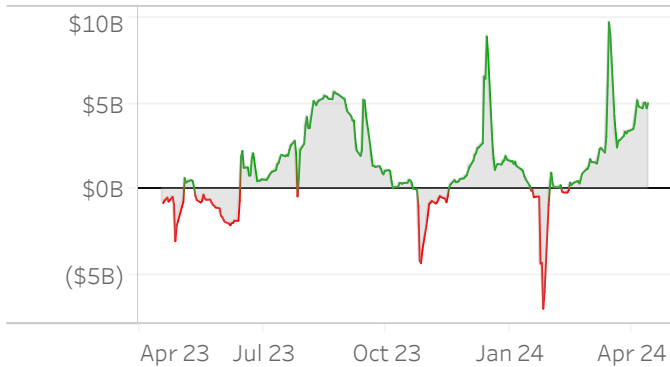
■ Closing Price ■ 50 Day Moving Average ■ 200 Day Moving Average

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

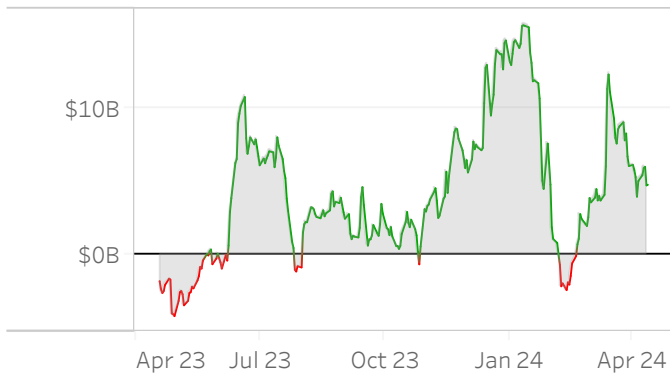
Large-Cap 30-Day Rolling Flows



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	\$1,866B	(\$13.40B)	\$37.89B	\$125.25B	\$194.80B
Large Cap, Beta, Beta: Growth	10	\$367B	\$0.87B	\$11.17B	\$17.88B	\$25.59B
Large Cap, Beta, Beta: Value	11	\$258B	(\$0.08B)	\$4.12B	\$8.20B	\$5.39B
Mid Cap, Beta, Beta	10	\$227B	\$0.53B	\$4.40B	\$4.35B	\$10.39B
Mid Cap, Beta, Beta: Growth	6	\$44B	\$0.09B	\$1.35B	\$2.11B	\$2.74B
Mid Cap, Beta, Beta: Value	6	\$41B	\$0.00B	(\$1.23B)	(\$1.40B)	(\$2.88B)
Small Cap, Beta, Beta	11	\$235B	(\$0.82B)	\$1.55B	\$14.82B	\$21.41B
Small Cap, Beta, Beta: Growth	7	\$39B	(\$0.02B)	\$0.91B	\$2.34B	\$2.65B
Small Cap, Beta, Beta: Value	7	\$53B	(\$0.05B)	(\$0.75B)	\$0.37B	(\$1.00B)

U.S. Size & Style Flow Leaders

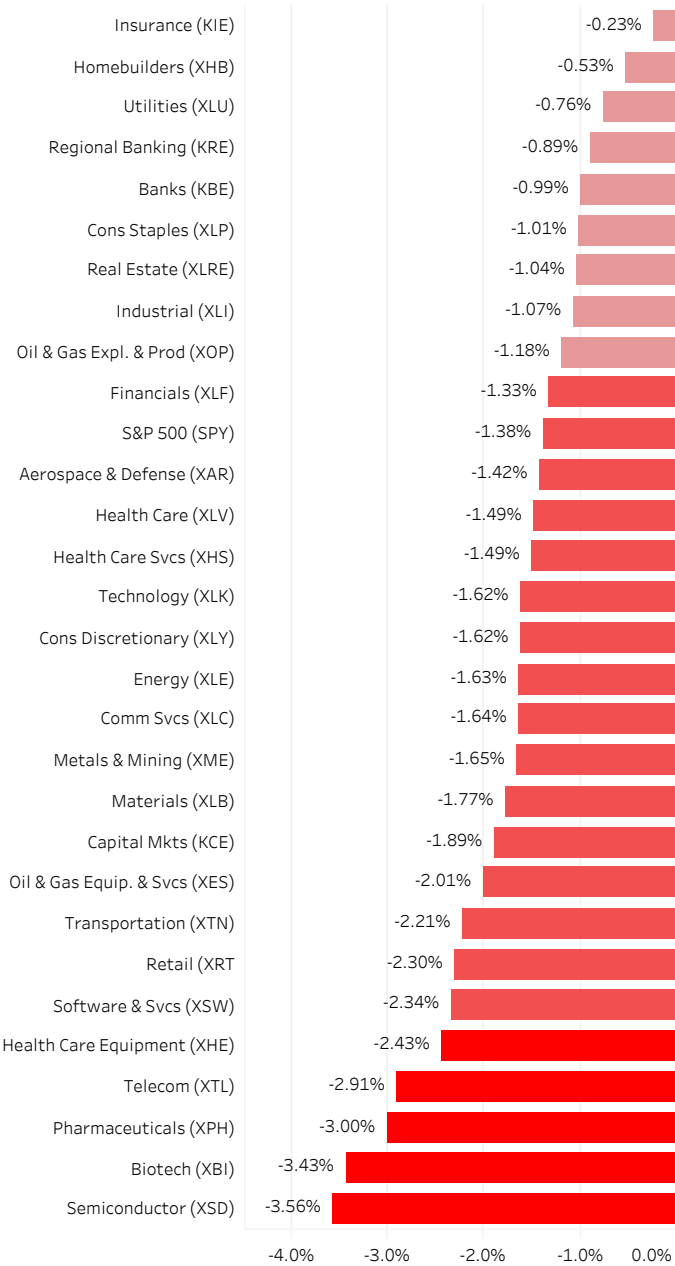
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
RSP	Invesco S&P 500 Equal Weight ETF	\$2.71B	\$3.32B	\$9.40B	\$16.27B	\$55.81B
VOO	Vanguard S&P 500 ETF	\$1.99B	\$24.33B	\$37.24B	\$64.97B	\$436.05B
VUG	Vanguard Growth ETF	\$0.90B	\$3.99B	\$5.46B	\$6.36B	\$120.47B
VTI	Vanguard Total Stock Market ETF	\$0.50B	\$7.85B	\$13.61B	\$27.40B	\$385.92B
IWR	iShares Russell Midcap ETF	\$0.29B	\$0.80B	\$0.79B	\$0.93B	\$33.28B
IUSV	iShares Core S&P US Value ETF	\$0.23B	\$0.69B	\$0.99B	\$1.00B	\$16.79B
VO	Vanguard Mid-Cap ETF	\$0.20B	\$1.27B	\$2.21B	\$3.45B	\$63.59B
MTUM	iShares MSCI USA Momentum Factor ETF	\$0.19B	\$0.34B	(\$0.03B)	(\$2.06B)	\$10.36B
DIA	SPDR Dow Jones Industrial Average ETF Trust	\$0.18B	(\$0.71B)	\$0.79B	\$0.53B	\$33.06B
JEPQ	JPMorgan NASDAQ Equity Premium Income E..	\$0.17B	\$2.87B	\$5.19B	\$8.85B	\$12.30B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
QQQ	Invesco QQQ Trust Series I	(\$2.75B)	\$3.99B	\$8.11B	\$16.04B	\$257.59B
IWM	iShares Russell 2000 ETF	(\$0.81B)	(\$4.23B)	\$4.12B	\$4.71B	\$62.36B
GSLC	Goldman Sachs ActiveBeta U.S. Large Cap Eq..	(\$0.28B)	(\$0.55B)	(\$1.00B)	(\$1.49B)	\$11.93B
IWD	iShares Russell 1000 Value ETF	(\$0.26B)	(\$1.50B)	(\$1.06B)	(\$3.01B)	\$54.55B
IVW	iShares S&P 500 Growth ETF	(\$0.18B)	\$3.03B	\$2.64B	\$4.40B	\$44.48B
SCHD	Schwab US Dividend Equity ETF	(\$0.16B)	\$1.24B	\$2.15B	\$4.45B	\$54.46B
MDY	SPDR S&P Midcap 400 ETF Trust	(\$0.09B)	(\$0.12B)	\$0.15B	(\$0.49B)	\$21.60B
USMV	iShares MSCI USA Min Vol Factor ETF	(\$0.09B)	(\$3.90B)	(\$7.40B)	(\$8.13B)	\$23.79B
IWF	iShares Russell 1000 Growth ETF	(\$0.09B)	(\$0.59B)	\$0.66B	\$1.24B	\$89.10B
SPSM	SPDR Portfolio S&P 600 Small Cap ETF	(\$0.07B)	\$0.54B	\$1.23B	\$4.44B	\$10.23B

* 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	-1.79%	41.17%	1.31%	13.21%	50.24
XLE	Energy Select Sector SPDR Fund	-1.99%	25.51%	7.12%	10.53%	64.28
SPY	SPDR S&P 500 ETF Trust	-2.35%	26.10%	0.06%	9.61%	44.30
XLI	Industrial Select Sector SPDR Fund	-2.43%	27.44%	1.10%	10.96%	46.58
XLK	Technology Select Sector SPDR Fund	-2.65%	39.23%	-0.50%	10.78%	46.97
XLB	Materials Select Sector SPDR Fund	-3.37%	20.76%	1.42%	8.00%	42.83
XLY	Consumer Discretionary Select Sector SPDR Fund	-4.28%	22.76%	-1.85%	3.28%	41.38
XLF	Financial Select Sector SPDR Fund	-4.89%	27.38%	-1.18%	9.72%	36.46
XLP	Consumer Staples Select Sector SPDR Fund	-5.32%	10.81%	-1.77%	1.62%	33.13
XLV	Health Care Select Sector SPDR Fund	-6.05%	12.81%	-4.24%	2.20%	28.60
XLU	Utilities Select Sector SPDR Fund	-7.44%	14.26%	1.92%	2.31%	48.86
XLRE	Real Estate Select Sector SPDR Fund	-8.05%	15.69%	-3.84%	-0.26%	36.19

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
IAK	iShares U.S. Insurance ETF	0.06%
KBWP	Invesco KBW Property & Casualty Insurance ETF	-0.17%
KIE	SPDR S&P Insurance ETF	-0.23%
ITB	iShares U.S. Home Construction ETF	-0.23%
XHB	SPDR S&P Homebuilders ETF	-0.53%
QABA	First Trust NASDAQ ABA Community Bank Index F..	-0.58%
NETL	NETLease Corporate Real Estate ETF	-0.61%
RSPU	Invesco S&P 500 Equal Weight Utilities ETF	-0.74%
XLU	Utilities Select Sector SPDR Fund	-0.76%
VPU	Vanguard Utilities ETF	-0.76%

Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
IEO	iShares U.S. Oil & Gas Exploration & Production ETF	67.48
FCG	First Trust Natural Gas ETF	66.82
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	66.66
FTXN	First Trust Nasdaq Oil & Gas ETF	65.41
PXE	Invesco Energy Exploration & Production ETF	65.12
FXN	First Trust Energy AlphaDEX Fund	64.90
IYE	iShares U.S. Energy ETF	64.63
XLE	Energy Select Sector SPDR Fund	64.28
FENY	Fidelity MSCI Energy Index ETF	63.84
VDE	Vanguard Energy ETF	63.81

Sector & Industry 1 Day Performance Laggards

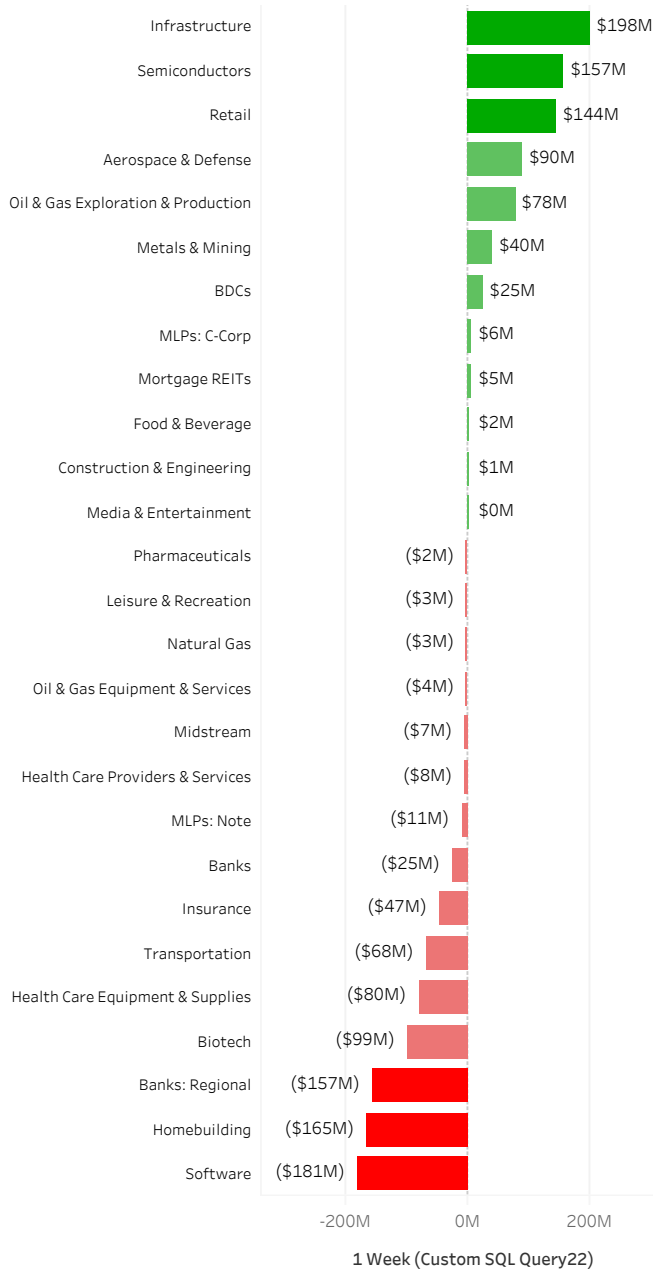
Ticker	Fund	1 Day Performance
XSD	SPDR S&P Semiconductor ETF	-3.56%
XBI	SPDR S&P BIOTECH ETF	-3.43%
PSI	Invesco Semiconductors ETF	-3.31%
SOXX	iShares Semiconductor ETF	-3.28%
PTH	Invesco Dorsey Wright Healthcare Momentum ETF	-3.22%
FTXL	First Trust Nasdaq Semiconductor ETF	-3.18%
PTF	Invesco Dorsey Wright Technology Momentum ETF	-3.14%
SOXQ	Invesco PHLX Semiconductor ETF	-3.03%
XPH	SPDR S&P Pharmaceuticals ETF	-3.00%
XTL	SPDR S&P Telecom ETF	-2.91%

Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
IHE	iShares U.S. Pharmaceuticals ETF	25.72
IHF	iShares U.S. Healthcare Providers ETF	28.40
XLV	Health Care Select Sector SPDR Fund	28.60
IYK	iShares U.S. Consumer Staples ETF	28.95
FHLC	Fidelity MSCI Health Care Index ETF	29.35
VHT	Vanguard Health Care ETF	29.54
IYH	iShares U.S. Healthcare ETF	29.54
XPH	SPDR S&P Pharmaceuticals ETF	29.62
IYZ	iShares U.S. Telecommunications ETF	30.13
PSCC	Invesco S&P SmallCap Consumer Staples ETF	30.17

* 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	(\$176M)	\$325M	\$1,090M	\$2,736M
Consumer Discretionary	12	\$31B	\$105M	\$1,393M	\$1,791M	\$3,222M
Consumer Staples	10	\$24B	(\$312M)	(\$1,600M)	(\$4,232M)	(\$5,552M)
Energy	30	\$81B	\$366M	\$733M	(\$199M)	(\$3,164M)
Financials	26	\$65B	\$473M	(\$1,631M)	\$828M	(\$1,731M)
Health Care	23	\$88B	(\$1,008M)	(\$2,031M)	(\$3,988M)	(\$7,337M)
Industrial	13	\$41B	\$20M	\$2,089M	\$1,887M	\$3,091M
Materials	9	\$13B	\$275M	(\$41M)	(\$683M)	(\$2,844M)
Multi-Sector	16	\$24B	(\$3M)	\$1,298M	\$1,159M	\$3,484M
Real Estate	25	\$59B	(\$417M)	\$883M	\$3,118M	\$2,452M
Technology	23	\$198B	\$178M	\$5,259M	\$10,706M	\$12,099M
Utilities	9	\$19B	(\$356M)	(\$2,997M)	(\$3,651M)	(\$4,244M)

U.S. Sector & Industry Flow Leaders

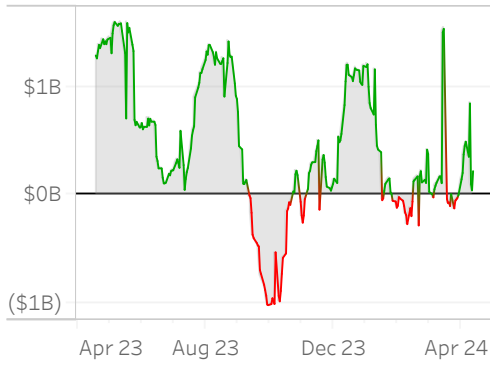
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
IAI	iShares U.S. Broker-Dealers & Securities Excha..	\$577M	\$617M	\$602M	\$288M	\$1,051M
XLE	Energy Select Sector SPDR Fund	\$239M	\$268M	(\$323M)	(\$2,399M)	\$41,833M
PAVE	Global X U.S. Infrastructure Development ETF	\$163M	\$1,097M	\$993M	\$1,773M	\$7,515M
SOXX	iShares Semiconductor ETF	\$146M	\$353M	\$652M	\$802M	\$12,959M
XRT	SPDR S&P Retail ETF	\$144M	\$19M	\$145M	\$136M	\$522M
IYM	iShares U.S. Basic Materials ETF	\$111M	(\$36M)	(\$80M)	(\$222M)	\$673M
XLF	Financial Select Sector SPDR Fund	\$111M	\$2M	\$1,033M	\$40M	\$37,699M
XLB	Materials Select Sector SPDR Fund	\$106M	(\$182M)	(\$208M)	(\$621M)	\$5,896M
VGT	Vanguard Information Technology ETF	\$91M	\$1,699M	\$2,637M	\$2,583M	\$66,093M
VIS	Vanguard Industrials ETF	\$68M	\$469M	\$245M	\$541M	\$5,328M

U.S. Sector & Industry Flow Laggards

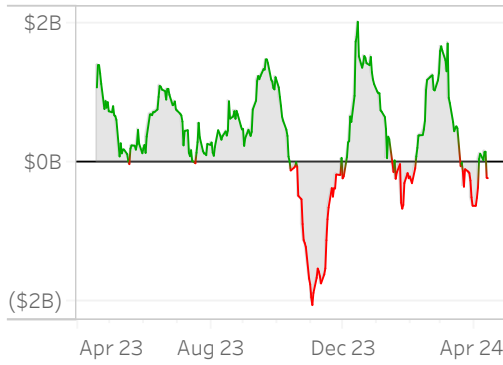
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLV	Health Care Select Sector SPDR Fund	(\$714M)	(\$1,282M)	(\$2,873M)	(\$3,114M)	\$38,380M
XLU	Utilities Select Sector SPDR Fund	(\$357M)	(\$2,900M)	(\$2,918M)	(\$3,161M)	\$11,775M
XLP	Consumer Staples Select Sector SPDR Fund	(\$309M)	(\$1,215M)	(\$2,925M)	(\$2,778M)	\$14,345M
XHB	SPDR S&P Homebuilders ETF	(\$186M)	\$0M	\$167M	\$246M	\$1,760M
IGV	iShares Expanded Tech-Software Sector ETF	(\$181M)	(\$1,206M)	(\$1,037M)	(\$993M)	\$6,608M
IYR	iShares U.S. Real Estate ETF	(\$179M)	(\$287M)	\$1,243M	\$735M	\$3,906M
XLC	Communication Services Select Sector SPDR Fu..	(\$162M)	\$212M	\$1,115M	\$2,358M	\$18,337M
KRE	SPDR S&P Regional Banking ETF	(\$157M)	(\$965M)	(\$395M)	(\$895M)	\$2,496M
XLI	Industrial Select Sector SPDR Fund	(\$132M)	\$1,344M	\$664M	\$1,789M	\$18,254M
XLRE	Real Estate Select Sector SPDR Fund	(\$106M)	\$209M	\$1,150M	\$1,201M	\$5,726M

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

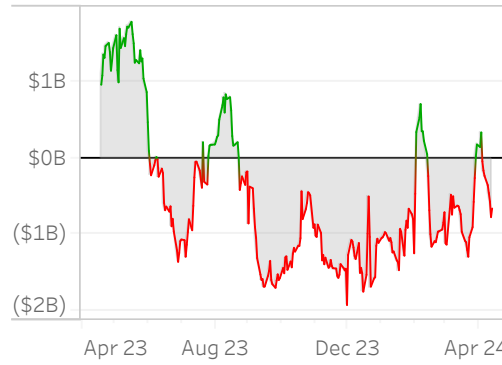
Communication Services



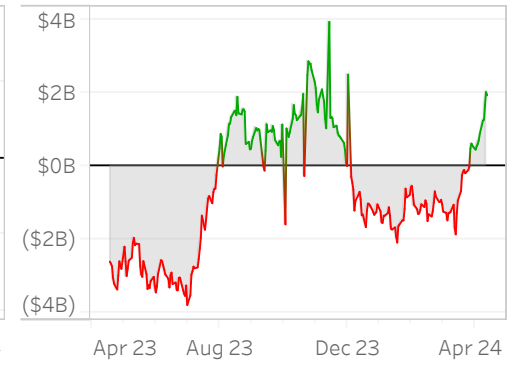
Consumer Discretionary



Consumer Staples



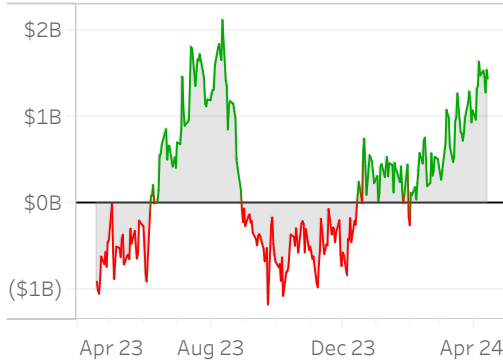
Energy



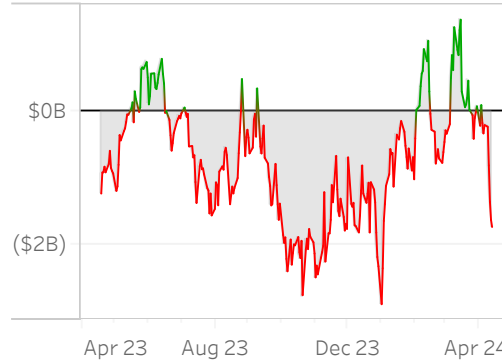
Financials



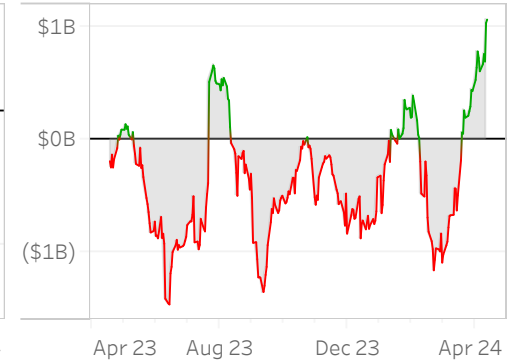
Industrial



Health Care



Materials



Real Estate



Technology



Utilities

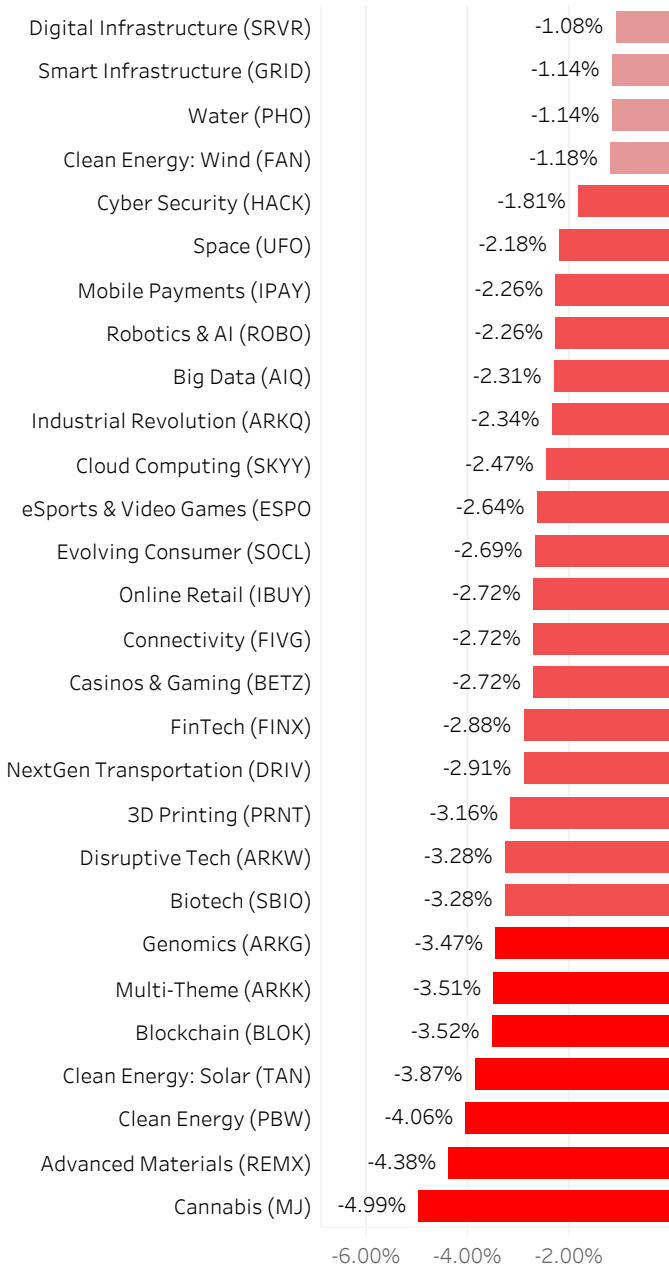


Multi-Sector

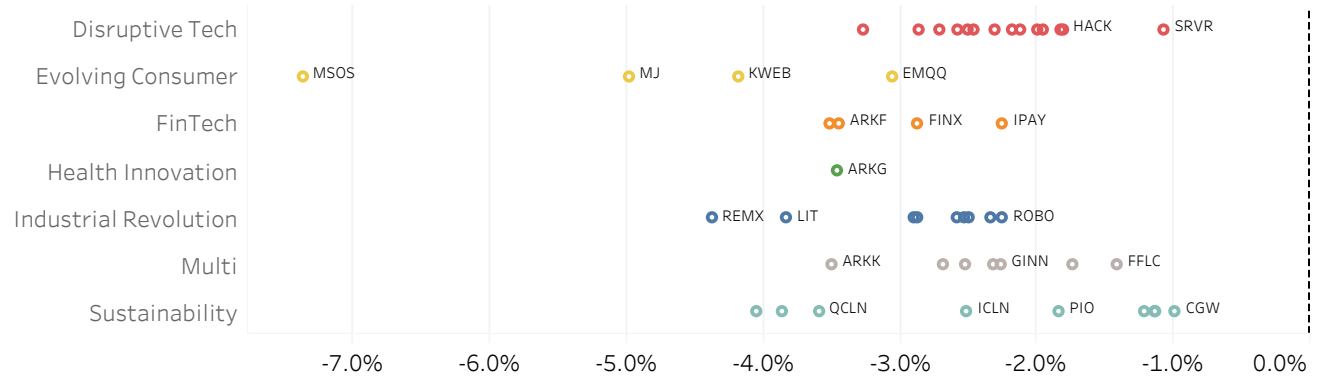


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Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
SAMT	Strategas Macro Thematic Opportunities ETF	-0.72%
EBLU	Ecofin Global Water ESG Fund	-0.87%
CGW	Invesco S&P Global Water Index ETF	-1.00%
SRVR	Pacer Data & Infrastructure Real Estate ETF	-1.08%
EVX	VanEck Environmental Services ETF	-1.12%
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure..	-1.14%
PHO	Invesco Water Resources ETF	-1.14%
FAN	First Trust Global Wind Energy ETF	-1.18%
FIW	First Trust Water ETF	-1.22%
KLDW	Knowledge Leaders Developed World ETF	-1.51%

Thematic Most Overbought

Ticker	Fund	Value
SAMT	Strategas Macro Thematic Opportunities ETF	51.42
REMX	VanEck Rare Earth/Strategic Metals ETF	50.11
ONLN	ProShares Online Retail ETF	48.65
ENTR	ERShares Entrepreneurs ETF	47.97
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure..	47.43
AWAY	Amplify Travel Tech ETF	47.15
MJ	Amplify Alternative Harvest ETF	46.75
KWEB	KraneShares CSI China Internet ETF	46.58
EMQQ	EMQQ The Emerging Markets Internet & Ecommerce ETF	46.25
BATT	Amplify Lithium & Battery Technology ETF	45.85

Global Thematic 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
MJUS	Amplify U.S. Alternative Harvest ETF	-8.90%
MSOS	AdvisorShares Pure US Cannabis ETF	-7.37%
BKCH	Global X Blockchain ETF	-6.54%
WGMI	Valkyrie Bitcoin Miners ETF	-6.52%
DAPP	VanEck Digital Transformation ETF	-6.47%
FDIG	Fidelity Crypto Industry and Digital Payments ETF	-6.10%
YOLO	AdvisorShares Pure Cannabis ETF	-5.96%
BITQ	Bitwise Crypto Industry Innovators ETF	-5.23%
MJ	Amplify Alternative Harvest ETF	-4.99%
CRPT	First Trust SkyBridge Crypto Industry & Digital Econo..	-4.82%

Thematic Most Oversold

Ticker	Fund	Value
SRVR	Pacer Data & Infrastructure Real Estate ETF	28.64
IZRL	ARK Israel Innovative Technology ETF	29.56
DTCR	Global X Data Center And Digital Infrastructure ETF	30.95
PAWZ	ProShares Pet Care ETF	32.58
ARKG	ARK Genomic Revolution ETF	33.50
GNOM	Global X Genomics & Biotechnology ETF	34.21
AGNG	Global X Aging Population ETF	34.35
IHAK	iShares Cybersecurity & Tech ETF	34.48
WGMI	Valkyrie Bitcoin Miners ETF	34.79
DTEC	ALPS Disruptive Technologies ETF	35.00

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Thematic 1 Week Flow Leaders

Ticker	Fund	Flow
AIQ	Global X Artificial Intelligence & Technology ETF	\$44M
MSOS	AdvisorShares Pure US Cannabis ETF	\$14M
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure Index	\$11M
IRBO	iShares Robotics and Artificial Intelligence Multisector ETF	\$7M
DAPP	VanEck Digital Transformation ETF	\$6M
FFLC	Fidelity Fundamental Large Cap Core ETF	\$6M
QTUM	Defiance Quantum ETF	\$6M
FIW	First Trust Water ETF	\$5M
ROBT	First Trust Nasdaq Artificial Intelligence & Robotics ETF	\$2M
TIME	Clockwise Core Equity & Innovation ETF	\$1M

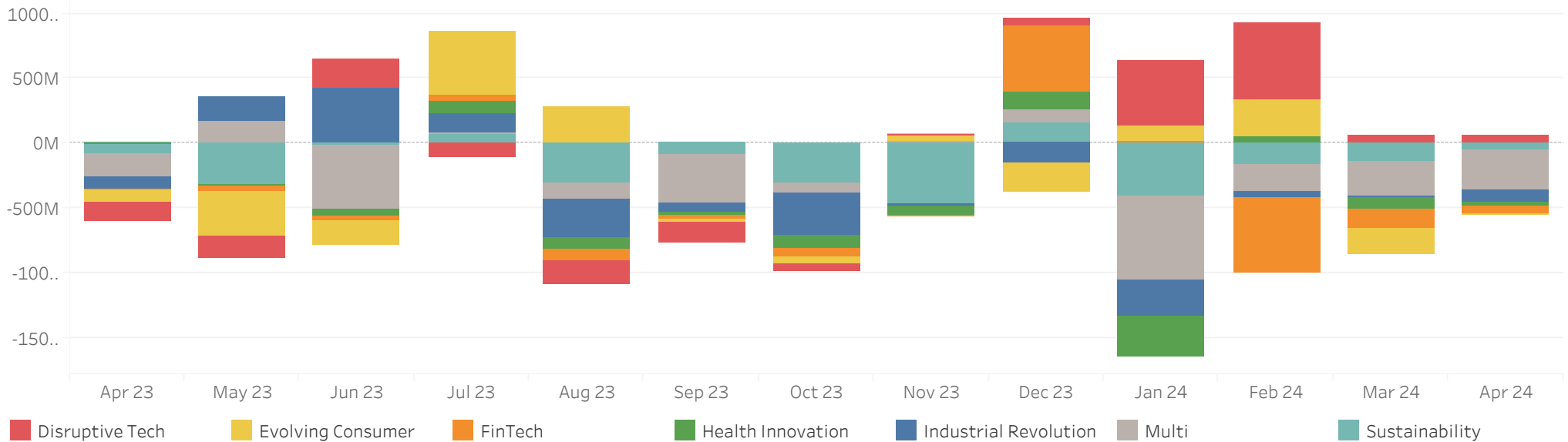
Thematic 1 Week Flow Laggards

Ticker	Fund	Flow
ARKK	ARK Innovation ETF	(\$121M)
BOTZ	Global X Robotics & Artificial Intelligence ETF	(\$50M)
GBUY	Goldman Sachs Future Consumer Equity ETF	(\$32M)
ARKG	ARK Genomic Revolution ETF	(\$30M)
ICLN	iShares Global Clean Energy ETF	(\$20M)
CLOU	Global X Cloud Computing ETF	(\$16M)
WCLD	WisdomTree Cloud Computing Fund	(\$13M)
ARKW	ARK Next Generation Internet ETF	(\$12M)
TAN	Invesco Solar ETF	(\$11M)
EMQQ	EMQQ The Emerging Markets Internet & Ecommerce ETF	(\$10M)

Thematic Landscape Assets & Flows

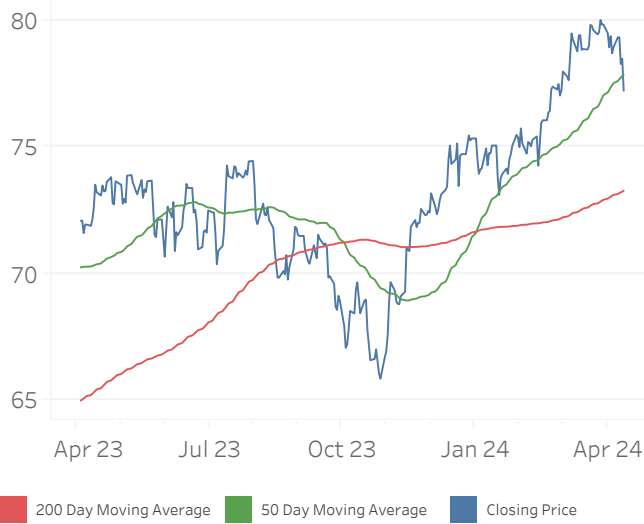
Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	33	\$21B	(\$3M)	\$1,173M	\$1,211M	\$675M
Evolving Consumer	34	\$9B	(\$42M)	\$229M	(\$41M)	\$120M
FinTech	17	\$3B	(\$7M)	(\$831M)	(\$264M)	(\$504M)
Health Innovation	17	\$2B	(\$28M)	(\$318M)	(\$409M)	(\$507M)
Industrial Revolution	29	\$10B	(\$54M)	(\$289M)	(\$786M)	(\$620M)
Multi	33	\$15B	(\$117M)	(\$1,061M)	(\$1,427M)	(\$2,375M)
Sustainability	39	\$12B	(\$29M)	(\$622M)	(\$1,317M)	(\$2,137M)
Grand Total	202	\$72B	(\$280M)	(\$1,719M)	(\$3,032M)	(\$5,350M)

Thematic Monthly Flows

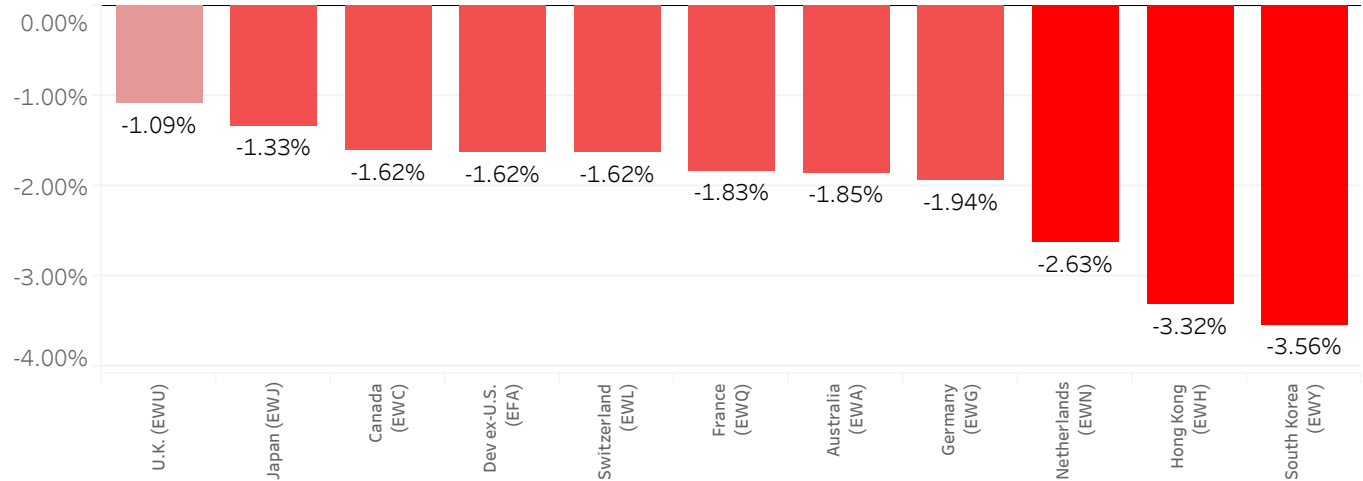


* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

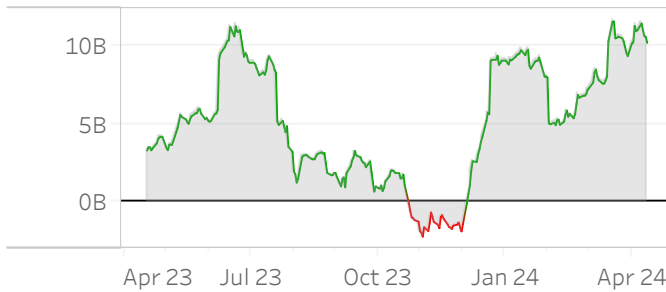
Developed ex-U.S. (EFA)



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



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



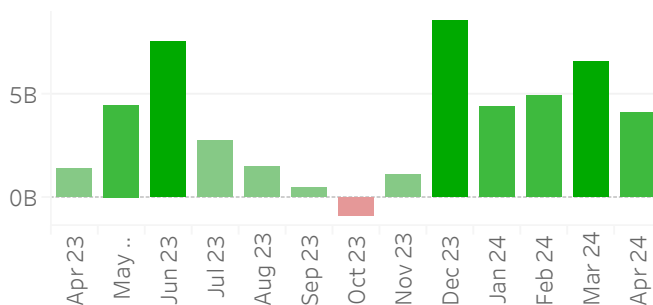
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	Performance
LVHI	Franklin International Low Volatility High Dividend Index ETF	-0.27%
IDHQ	Invesco S&P International Developed High Quality ETF	-0.60%
SCJ	iShares MSCI Japan Small-Cap ETF	-0.61%
DBEU	Xtrackers MSCI Europe Hedged Equity ETF	-0.74%
DXJS	WisdomTree Japan Hedged SmallCap Equity Fund	-0.77%
DFJ	WisdomTree Japan SmallCap Dividend Fund	-0.90%
HEFA	iShares Currency Hedged MSCI EAFE ETF	-0.96%
DBEF	Xtrackers MSCI EAFE Hedged Equity ETF	-0.96%
FLGB	Franklin FTSE United Kingdom ETF	-0.96%
HSCZ	iShares Currency Hedged MSCI EAFE Small-Cap ETF	-0.98%

Developed ex-U.S. Most Overbought

Ticker	Fund	Value
DXJS	WisdomTree Japan Hedged SmallCap Equity Fund	56.05
DXJ	WisdomTree Japan Hedged Equity Fund	55.92
NORW	Global X MSCI Norway ETF	55.23
EWO	iShares MSCI Austria ETF	52.65
FLJH	Franklin FTSE Japan Hedged ETF Franklin FTSE Japan Hed..	52.34
HSCZ	iShares Currency Hedged MSCI EAFE Small-Cap ETF	52.11
HEWJ	iShares Currency Hedged MSCI Japan ETF	51.19
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	51.10
LVHI	Franklin International Low Volatility High Dividend Index ..	50.52
AVDV	Avantis International Small Cap Value ETF	50.36

Developed ex-U.S. Monthly Flows



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

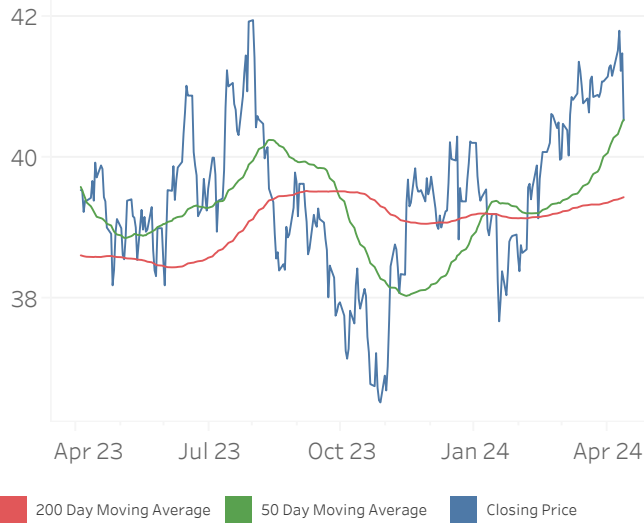
Ticker	Fund	Performance
FLKR	Franklin FTSE South Korea ETF	-3.74%
GREK	Global X MSCI Greece ETF	-3.68%
EWY	iShares MSCI South Korea ETF	-3.56%
EWH	iShares MSCI Hong Kong ETF	-3.32%
AIA	iShares Asia 50 ETF	-3.25%
ISRA	VanEck Israel ETF	-2.73%
EIS	iShares MSCI Israel ETF	-2.73%
EWN	iShares MSCI Netherlands ETF	-2.63%
EIRL	iShares MSCI Ireland ETF	-2.55%
MINV	Matthews Asia Innovators Active ETF	-2.51%

Developed ex-U.S. Most Oversold

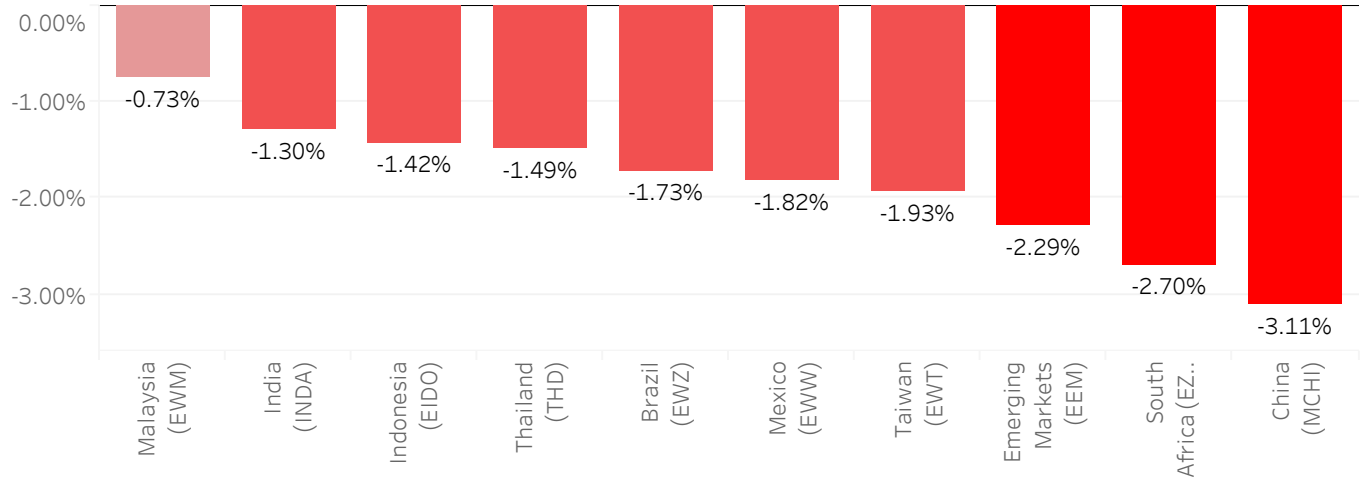
Ticker	Fund	Value
EUDG	WisdomTree Europe Quality Dividend Growth Fund	28.34
FICS	First Trust International Developed Capital Strengt..	29.59
BKCI	BNY Mellon Concentrated International ETF	29.93
IDLV	Invesco S&P International Developed Low Volatility ..	30.37
EWL	iShares MSCI Switzerland ETF	31.04
EFAV	iShares MSCI EAFE Min Vol Factor ETF	31.33
TTAI	FCF International Quality ETF	31.87
EFAD	ProShares MSCI EAFE Dividend Growers ETF	32.08
TPIF	Timothy Plan International ETF	32.24
FLKR	Franklin FTSE South Korea ETF	33.33

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

Emerging (EEM)



Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



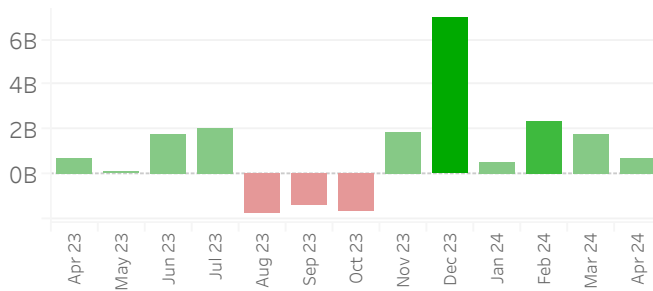
Emerging 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
PIE	Invesco Dorsey Wright Emerging Markets Momentum E..	-0.23%
EWM	iShares MSCI Malaysia ETF	-0.73%
SMIN	iShares MSCI India Small Cap ETF	-1.17%
DVYE	iShares Emerging Markets Dividend ETF	-1.23%
KBA	KraneShares Bosera MSCI China A 50 Connect Index ETF	-1.29%
INDA	iShares MSCI India ETF	-1.30%
CNYA	iShares MSCI China A ETF	-1.31%
JPEM	JPMorgan Diversified Return Emerging Markets Equity ..	-1.31%
GLIN	VanEck India Growth Leaders ETF	-1.32%
PIN	Invesco India ETF	-1.36%

Emerging Most Overbought

Ticker	Fund	Value
PIE	Invesco Dorsey Wright Emerging Markets Momentu..	63.60
EPU	iShares MSCI Peru and Global Exposure ETF	60.12
TUR	iShares MSCI Turkey ETF	58.86
ARGT	Global X MSCI Argentina ETF	58.38
SMIN	iShares MSCI India Small Cap ETF	56.86
EYLD	Cambria Emerging Shareholder Yield ETF	53.62
ECOW	Pacer Emerging Markets Cash Cows 100 ETF	52.69
EPI	WisdomTree India Earnings Fund	52.65
INDA	iShares MSCI India ETF	52.40
EZA	iShares MSCI South Africa ETF	51.93

Emerging Monthly Flows



Emerging 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
PGJ	Invesco Golden Dragon China ETF	-4.53%
EWZS	iShares MSCI Brazil Small-Cap ETF	-3.70%
EPOL	iShares MSCI Poland ETF	-3.61%
FXI	iShares China Large-Cap ETF	-3.48%
ECH	iShares MSCI Chile ETF	-3.39%
MCHI	iShares MSCI China ETF	-3.11%
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	-3.05%
FRDM	Freedom 100 Emerging Markets ETF	-2.90%
FLCH	Franklin FTSE China ETF	-2.81%
EZA	iShares MSCI South Africa ETF	-2.70%

Emerging Most Oversold

Ticker	Fund	Value
EPHE	iShares MSCI Philippines ETF	30.18
EIDO	iShares MSCI Indonesia ETF	31.28
KWT	iShares MSCI Kuwait ETF	34.34
EWZS	iShares MSCI Brazil Small-Cap ETF	35.75
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	37.33
EELV	Invesco S&P Emerging Markets Low Volatility ETF	37.55
EEMV	iShares MSCI Emerging Markets Min Vol Factor ETF	37.76
FLN	First Trust Latin America AlphaDEX Fund	37.93
EDIV	SPDR S&P Emerging Markets Dividend ETF	38.06
EWZ	iShares MSCI Brazil ETF	38.32

* 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	0.19%	-1.70%	-2.45%
SHY	1-3 Year Treasury Bonds	0.06%	-0.21%	-0.10%
IEF	7-10 Year Treasury Bonds	0.41%	-2.26%	-3.46%
TLT	20+ Year Treasury Bonds	0.53%	-4.52%	-7.80%
TIP	TIPS Bonds	0.35%	-0.94%	-1.21%
FLOT	Floating Rate Bonds	0.04%	0.56%	2.16%
LQD	Investment Grade Corporate	0.23%	-2.05%	-3.10%
HYG	High Yield Corporate	-0.05%	-0.90%	0.25%
BKLN	Senior Loan	-0.14%	-0.02%	1.54%
PFF	Preferred & Income Securities	-0.70%	-2.63%	1.77%
MUB	Municipal Bonds	0.34%	-1.15%	-0.97%
MBB	MBS	0.37%	-1.93%	-2.91%
EMB	Dollar Denominated EM Bonds	-0.28%	-0.72%	0.01%
LEMB	Local Currency EM Bond	-0.53%	-1.98%	-2.97%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	-0.02%	5.72%	6.45%
DBE	Energy	0.56%	8.03%	12.14%
USO	WTI Crude Oil	-0.02%	11.15%	22.33%
BNO	Brent Crude Oil	0.15%	11.22%	21.64%
UNG	Natural Gas	0.27%	-2.74%	-26.58%
UGA	Gasoline	0.30%	8.64%	20.33%
DBP	Precious Metals	-1.32%	10.22%	14.58%
GLD	Gold	-1.32%	8.56%	13.45%
SLV	Silver	-1.46%	16.03%	17.68%
PPLT	abrdrn Physical Platin..	-0.33%	5.80%	-1.39%
PALL	abrdrn Physical Palla..	-0.01%	0.79%	-4.59%
DBB	Base Metals	0.46%	9.13%	6.45%
CPER	Copper	0.15%	8.98%	10.65%
DBA	Agriculture	0.91%	10.57%	22.61%
CORN	Corn	1.22%	-0.85%	-7.65%
SOYB	Soybeans	0.61%	-1.19%	-7.78%
WEAT	Wheat	0.75%	2.10%	-10.39%
CANE	Sugar	-2.30%	-7.10%	-0.77%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	0.80%	3.63%	6.46%
UDN	Short Dollar	-0.73%	-2.58%	-3.75%
FXE	Euro	-0.82%	-2.44%	-2.98%
FXB	British Pound Sterling	-0.88%	-2.45%	-1.45%
FXF	Swiss Franc	-0.49%	-3.99%	-7.93%
FXJ	Japanese Yen	-0.05%	-3.64%	-8.16%
FXC	Canadian Dollar	-0.68%	-1.88%	-3.11%
FXA	Australian Dollar	-1.26%	-2.06%	-4.77%

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