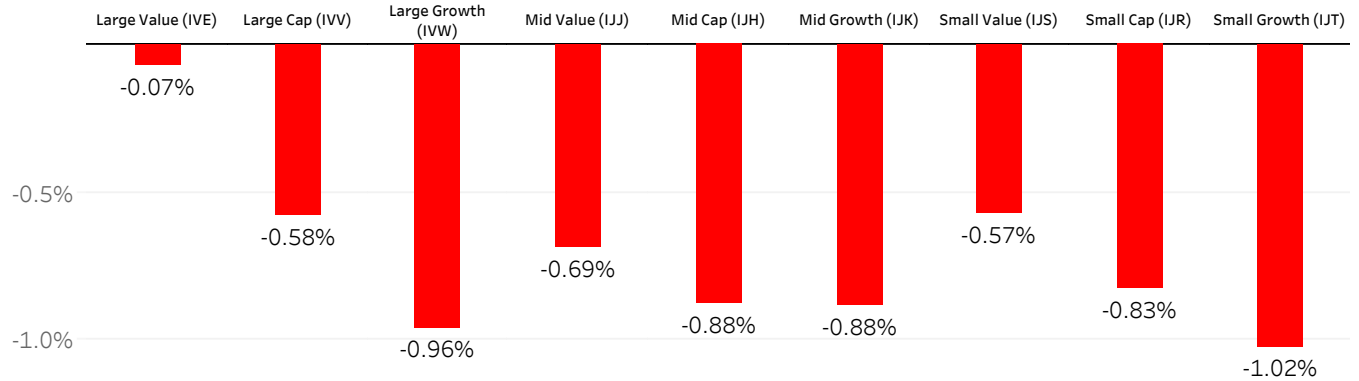


Large Cap Blend (S&P 500) IVV



U.S. Size & Style 1-Day Performance



Mid Cap Blend (S&P 400) IJH



Size & Style 1-Day Performance Leaders

Ticker	Fund	Performance
CDL	VictoryShares US Large Cap High Dividend Volatility Wt..	0.63%
SPHD	Invesco S&P 500 High Dividend Low Volatility ETF	0.62%
TPHD	Timothy Plan High Dividend Stock ETF	0.55%
LVHD	Franklin U.S. Low Volatility High Dividend Index ETF	0.54%
DVY	iShares Select Dividend ETF	0.54%
CDC	VictoryShares US EQ Income Enhanced Volatility Wtd ETF	0.53%
SPYD	SPDR Portfolio S&P 500 High Dividend ETF	0.52%
RPV	Invesco S&P 500 Pure Value ETF	0.50%
DURA	VanEck Durable High Dividend ETF	0.46%
HDV	iShares Core High Dividend ETF	0.41%

Size & Style Most Overbought

Ticker	Fund	Price
SPC	CrossingBridge Pre-Merger SPAC ETF	63.32
ACSI	American Customer Satisfaction ETF	40.10
CSD	Invesco S&P Spin-Off ETF	40.05
QQH	HCM Defender 100 Index ETF	39.72
SPMO	Invesco S&P 500 Momentum ETF	39.59
HDV	iShares Core High Dividend ETF	38.99
IVW	iShares S&P 500 Growth ETF	38.87
SPYG	SPDR Portfolio S&P 500 Growth ETF	38.85
MTUM	iShares MSCI USA Momentum Factor ETF	38.58
VOOG	Vanguard S&P 500 Growth ETF	38.55

Small Cap Blend (S&P 600) IJR



Size & Style 1-Day Performance Laggards

Ticker	Fund	Performance
DWAS	Invesco Dorsey Wright SmallCap Momentum ETF	-1.40%
RPG	Invesco S&P 500 Pure Growth ETF	-1.37%
MTUM	iShares MSCI USA Momentum Factor ETF	-1.35%
VFMO	Vanguard U.S. Momentum Factor ETF	-1.35%
PEXL	Pacer US Export Leaders ETF	-1.35%
DRUP	GraniteShares Nasdaq Select Disruptors ETF	-1.32%
FFTY	Innovator IBD 50 ETF	-1.31%
USXF	iShares ESG Advanced MSCI USA ETF	-1.31%
IWC	iShares Micro-Cap ETF	-1.29%
IWO	iShares Russell 2000 Growth ETF	-1.28%

Size & Style Most Oversold

Ticker	Fund	Price
VSMV	VictoryShares US Multi-Factor Minimum Volatility E..	27.08
SELV	SEI Enhanced Low Volatility U.S. Large Cap ETF	27.44
VLUE	iShares MSCI USA Value Factor ETF	28.43
USMV	iShares MSCI USA Min Vol Factor ETF	28.44
SIXS	ETC 6 Meridian Small Cap Equity ETF	28.49
TMFM	Motley Fool Mid-Cap Growth ETF	28.50
FTCS	First Trust Capital Strength ETF	28.73
HUSV	First Trust Horizon Managed Volatility Domestic ETF	28.77
NUMG	Nuveen ESG Mid-Cap Growth ETF	28.82
LGLV	SPDR SSGA US Large Cap Low Volatility Index ETF	28.82

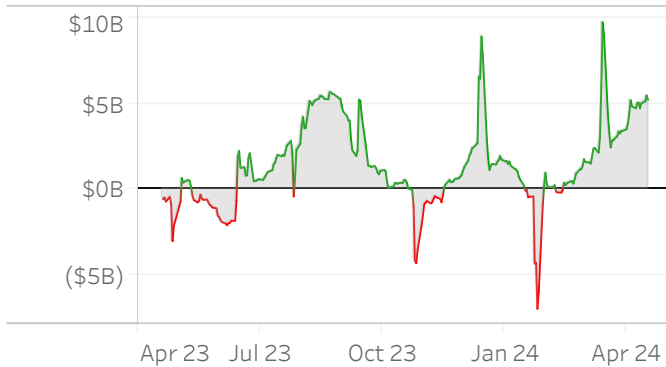
■ Closing Price ■ 50 Day Moving Average ■ 200 Day Moving Average

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

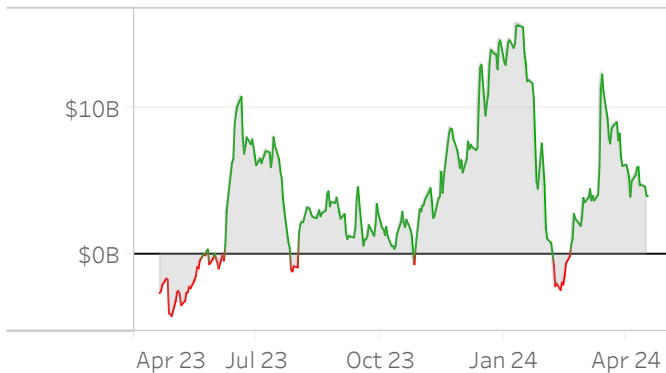
Large-Cap 30-Day Rolling Flows



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	\$1,815B	\$5.09B	\$36.16B	\$127.10B	\$197.78B
Large Cap, Beta, Beta: Growth	10	\$357B	\$1.20B	\$11.55B	\$18.92B	\$27.08B
Large Cap, Beta, Beta: Value	11	\$251B	(\$0.30B)	\$5.41B	\$8.45B	\$5.69B
Mid Cap, Beta, Beta	10	\$220B	\$0.79B	\$5.17B	\$4.86B	\$11.01B
Mid Cap, Beta, Beta: Growth	6	\$42B	\$0.00B	\$1.37B	\$2.11B	\$2.67B
Mid Cap, Beta, Beta: Value	6	\$40B	(\$0.09B)	(\$1.34B)	(\$1.43B)	(\$3.04B)
Small Cap, Beta, Beta	11	\$226B	(\$0.78B)	\$1.93B	\$13.84B	\$20.98B
Small Cap, Beta, Beta: Growth	7	\$38B	(\$0.01B)	\$1.00B	\$2.25B	\$2.53B
Small Cap, Beta, Beta: Value	7	\$51B	(\$0.01B)	(\$0.30B)	\$0.38B	(\$0.96B)

U.S. Size & Style Flow Leaders

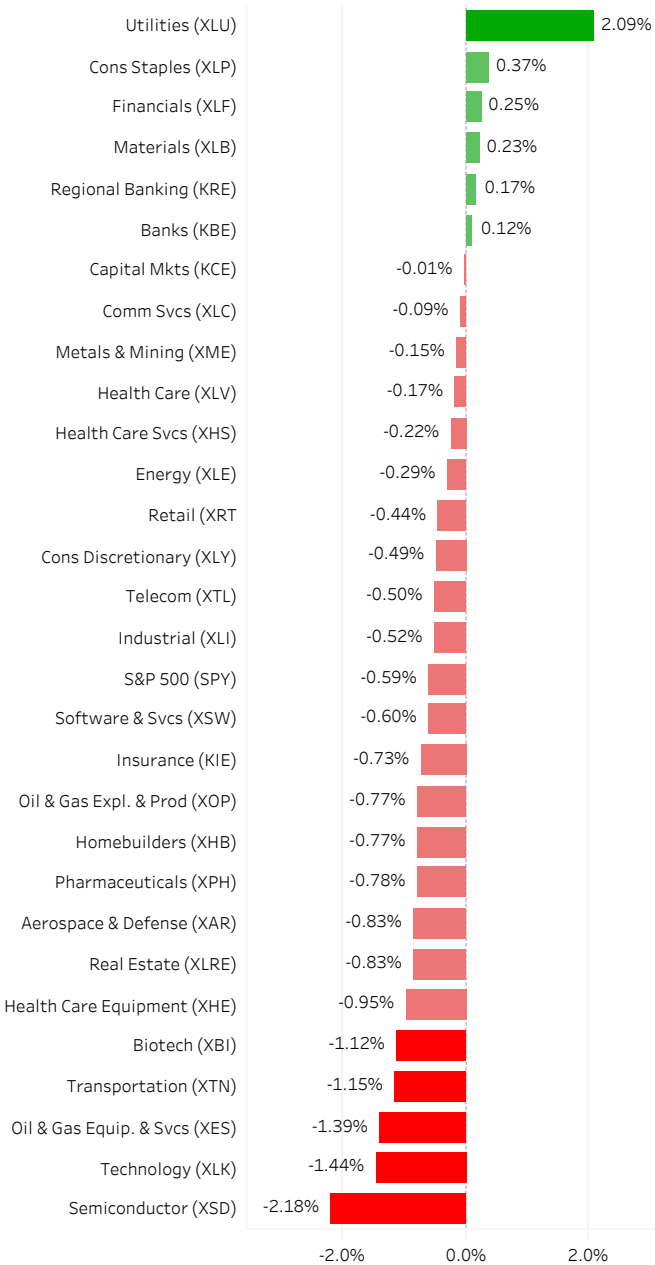
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
VOO	Vanguard S&P 500 ETF	\$2.83B	\$24.57B	\$40.79B	\$66.95B	\$425.91B
QQQ	Invesco QQQ Trust Series I	\$2.63B	\$4.82B	\$9.09B	\$16.94B	\$250.37B
VUG	Vanguard Growth ETF	\$1.41B	\$4.84B	\$6.76B	\$7.42B	\$117.53B
IVV	iShares Core S&P 500 ETF	\$1.23B	\$2.54B	\$25.24B	\$51.35B	\$434.65B
IWR	iShares Russell Midcap ETF	\$0.44B	\$1.22B	\$1.12B	\$1.25B	\$32.49B
VTI	Vanguard Total Stock Market ETF	\$0.39B	\$8.11B	\$16.07B	\$27.65B	\$374.91B
SPYG	SPDR Portfolio S&P 500 Growth ETF	\$0.37B	\$1.31B	\$1.98B	\$3.67B	\$24.71B
SPLG	SPDR Portfolio S&P 500 ETF	\$0.28B	\$4.91B	\$9.40B	\$11.73B	\$33.02B
VO	Vanguard Mid-Cap ETF	\$0.25B	\$1.45B	\$2.43B	\$3.66B	\$61.76B
AVLV	Avantis U.S. Large Cap Value ETF	\$0.17B	\$0.95B	\$1.36B	\$1.95B	\$3.24B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
RSP	Invesco S&P 500 Equal Weight ETF	(\$0.63B)	\$3.10B	\$8.92B	\$15.81B	\$53.69B
IWM	iShares Russell 2000 ETF	(\$0.62B)	(\$3.58B)	\$3.34B	\$4.35B	\$59.11B
IWD	iShares Russell 1000 Value ETF	(\$0.51B)	(\$1.33B)	(\$1.29B)	(\$2.91B)	\$52.70B
IWF	iShares Russell 1000 Growth ETF	(\$0.39B)	(\$0.46B)	\$0.80B	\$1.38B	\$86.28B
IVW	iShares S&P 500 Growth ETF	(\$0.28B)	\$2.88B	\$2.50B	\$4.28B	\$42.98B
DIA	SPDR Dow Jones Industrial Average ETF Trust	(\$0.24B)	(\$0.60B)	\$0.62B	\$0.38B	\$32.17B
DFAC	Dimensional U.S. Core Equity 2 ETF	(\$0.16B)	\$0.81B	\$1.49B	\$3.90B	\$26.25B
USMV	iShares MSCI USA Min Vol Factor ETF	(\$0.14B)	(\$4.00B)	(\$7.47B)	(\$8.27B)	\$23.23B
DVY	iShares Select Dividend ETF	(\$0.12B)	(\$0.76B)	(\$1.39B)	(\$3.49B)	\$17.64B
VTWO	Vanguard Russell 2000 ETF	(\$0.11B)	\$1.33B	\$2.18B	\$2.55B	\$8.97B

* 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	-3.44%	38.80%	-0.50%	10.98%	41.95
XLI	Industrial Select Sector SPDR Fund	-3.85%	25.58%	-0.65%	9.15%	38.72
XLE	Energy Select Sector SPDR Fund	-4.03%	22.90%	4.12%	8.01%	50.99
SPY	SPDR S&P 500 ETF Trust	-4.32%	23.55%	-2.04%	7.19%	34.60
XLB	Materials Select Sector SPDR Fund	-4.36%	19.53%	-0.09%	6.77%	38.66
XLP	Consumer Staples Select Sector SPDR Fund	-5.06%	10.81%	-1.72%	1.63%	35.81
XLF	Financial Select Sector SPDR Fund	-5.77%	26.20%	-2.21%	8.46%	33.97
XLK	Technology Select Sector SPDR Fund	-5.77%	34.78%	-3.62%	7.00%	36.32
XLV	Health Care Select Sector SPDR Fund	-6.37%	12.42%	-4.37%	1.75%	27.63
XLY	Consumer Discretionary Select Sector SPDR Fund	-6.86%	19.45%	-4.41%	0.47%	32.84
XLU	Utilities Select Sector SPDR Fund	-7.61%	14.04%	1.43%	2.18%	49.41
XLRE	Real Estate Select Sector SPDR Fund	-11.78%	11.00%	-7.48%	-4.22%	27.27

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
XLU	Utilities Select Sector SPDR Fund	2.09%
VPU	Vanguard Utilities ETF	2.06%
FUTY	Fidelity MSCI Utilities Index ETF	1.98%
FXU	First Trust Utilities AlphaDEX Fund	1.88%
UTES	Virtus Reaves Utilities ETF	1.84%
IDU	iShares U.S. Utilities ETF	1.80%
RSPU	Invesco S&P 500 Equal Weight Utilities ETF	1.76%
EMLP	First Trust North American Energy Infrastructure ..	1.03%
AMPL	Alerian MLP ETF	0.94%
KBWB	Invesco KBW Bank ETF	0.71%

Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
XME	SPDR S&P Metals & Mining ETF	57.55
IEO	iShares U.S. Oil & Gas Exploration & Production ETF	51.41
XLE	Energy Select Sector SPDR Fund	50.99
IYE	iShares U.S. Energy ETF	50.59
UTES	Virtus Reaves Utilities ETF	50.35
FENY	Fidelity MSCI Energy Index ETF	50.28
FTXN	First Trust Nasdaq Oil & Gas ETF	49.85
VDE	Vanguard Energy ETF	49.78
XLU	Utilities Select Sector SPDR Fund	49.41
FCG	First Trust Natural Gas ETF	49.22

Sector & Industry 1 Day Performance Laggards

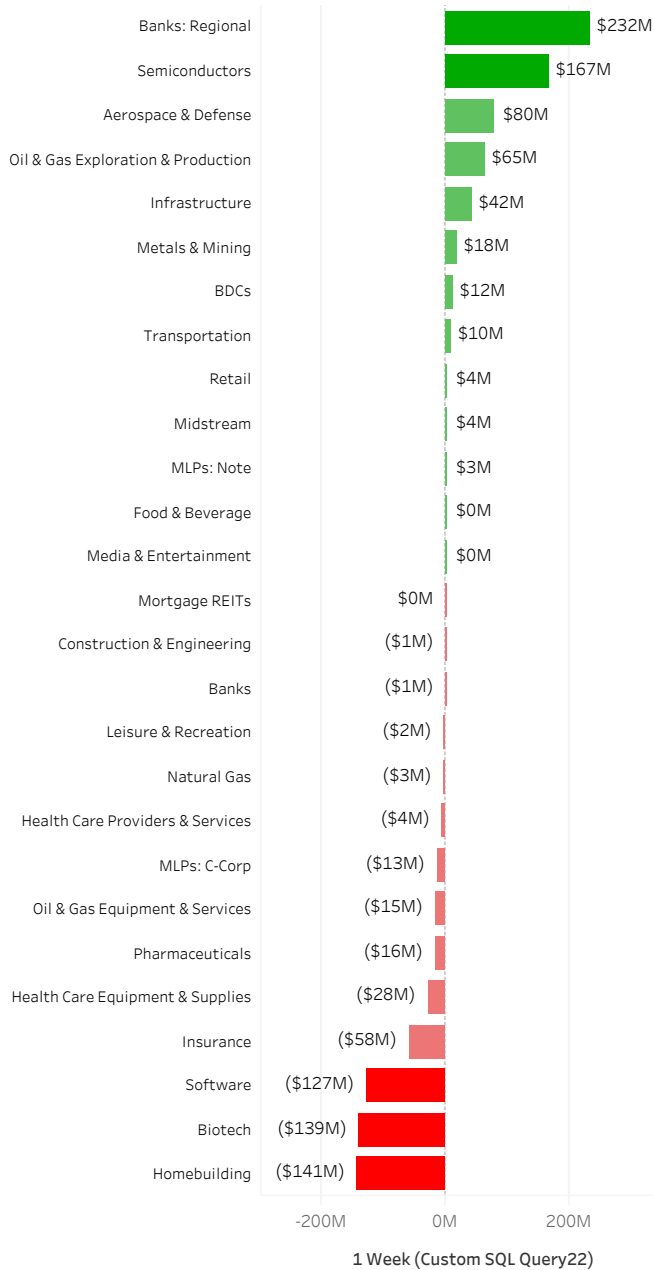
Ticker	Fund	1 Day Performance
PSI	Invesco Semiconductors ETF	-3.25%
SOXQ	Invesco PHLX Semiconductor ETF	-3.17%
SOXX	iShares Semiconductor ETF	-3.03%
FTXL	First Trust Nasdaq Semiconductor ETF	-2.62%
PTF	Invesco Dorsey Wright Technology Momentum ETF	-2.35%
XSD	SPDR S&P Semiconductor ETF	-2.18%
QTEC	First Trust NASDAQ-100 Technology Sector Index Fund	-1.93%
PRN	Invesco Dorsey Wright Industrials Momentum ETF	-1.89%
INDS	Pacer Industrial Real Estate ETF	-1.84%
FTEC	Fidelity MSCI Information Technology Index ETF	-1.62%

Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
IHE	iShares U.S. Pharmaceuticals ETF	23.47
INDS	Pacer Industrial Real Estate ETF	26.09
RSPH	Invesco S&P 500 Equal Weight Health Care ETF	26.14
IBB	iShares Biotechnology ETF	26.33
IYZ	iShares U.S. Telecommunications ETF	26.56
FHLC	Fidelity MSCI Health Care Index ETF	26.88
XLRE	Real Estate Select Sector SPDR Fund	27.27
IYH	iShares U.S. Healthcare ETF	27.55
XLV	Health Care Select Sector SPDR Fund	27.63
VHT	Vanguard Health Care ETF	27.84

* 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	(\$278M)	\$150M	\$799M	\$2,491M
Consumer Discretionary	12	\$29B	(\$169M)	\$1,346M	\$1,367M	\$2,744M
Consumer Staples	10	\$24B	(\$191M)	(\$2,084M)	(\$4,466M)	(\$6,196M)
Energy	30	\$79B	(\$22M)	\$1,081M	(\$517M)	(\$2,923M)
Financials	26	\$63B	\$154M	(\$1,185M)	\$383M	(\$1,964M)
Health Care	23	\$86B	(\$486M)	(\$2,440M)	(\$4,379M)	(\$7,752M)
Industrial	13	\$41B	(\$6M)	\$1,833M	\$1,817M	\$3,032M
Materials	9	\$13B	(\$21M)	(\$86M)	(\$864M)	(\$2,846M)
Multi-Sector	16	\$23B	(\$124M)	\$1,280M	\$1,092M	\$3,397M
Real Estate	25	\$56B	(\$120M)	\$910M	\$3,028M	\$2,678M
Technology	23	\$191B	\$227M	\$6,106M	\$11,773M	\$12,410M
Utilities	9	\$19B	(\$88M)	(\$2,883M)	(\$3,260M)	(\$4,240M)

U.S. Sector & Industry Flow Leaders

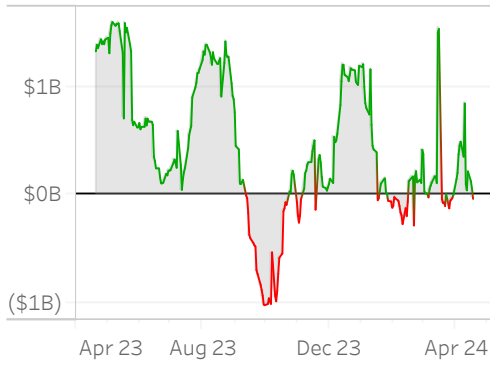
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
KRE	SPDR S&P Regional Banking ETF	\$238M	(\$718M)	(\$269M)	(\$491M)	\$2,557M
SOXX	iShares Semiconductor ETF	\$165M	\$945M	\$859M	\$888M	\$12,545M
VGT	Vanguard Information Technology ETF	\$157M	\$1,779M	\$2,872M	\$2,776M	\$63,792M
IBB	iShares Biotechnology ETF	\$103M	(\$26M)	(\$36M)	(\$799M)	\$7,051M
IYW	iShares U.S. Technology ETF	\$88M	\$912M	\$2,325M	\$1,149M	\$16,120M
ITA	iShares U.S. Aerospace & Defense ETF	\$83M	(\$104M)	\$46M	(\$442M)	\$6,005M
XOP	SPDR S&P Oil & Gas Exploration & Production E..	\$57M	\$179M	\$493M	\$20M	\$4,248M
RWR	SPDR Dow Jones REIT ETF	\$52M	\$46M	\$63M	(\$35M)	\$1,361M
FXN	First Trust Energy AlphaDEX Fund	\$39M	\$32M	(\$62M)	(\$122M)	\$648M
PAVE	Global X U.S. Infrastructure Development ETF	\$32M	\$1,122M	\$985M	\$1,787M	\$7,342M

U.S. Sector & Industry Flow Laggards

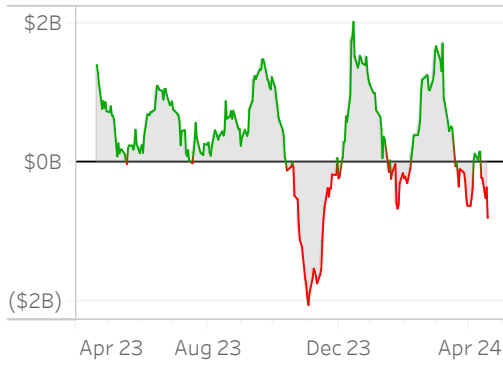
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLC	Communication Services Select Sector SPDR Fu..	(\$257M)	\$33M	\$849M	\$2,136M	\$17,591M
XBI	SPDR S&P BIOTECH ETF	(\$243M)	(\$266M)	\$52M	(\$500M)	\$6,409M
XLV	Health Care Select Sector SPDR Fund	(\$210M)	(\$1,631M)	(\$2,969M)	(\$3,405M)	\$37,671M
XLY	Consumer Discretionary Select Sector SPDR Fu..	(\$161M)	\$1,040M	\$1,384M	\$2,215M	\$19,260M
XLP	Consumer Staples Select Sector SPDR Fund	(\$147M)	(\$1,694M)	(\$3,131M)	(\$3,336M)	\$14,003M
IYR	iShares U.S. Real Estate ETF	(\$130M)	(\$213M)	\$1,117M	\$855M	\$3,675M
IGV	iShares Expanded Tech-Software Sector ETF	(\$124M)	(\$1,117M)	(\$756M)	(\$1,052M)	\$6,265M
XLI	Industrial Select Sector SPDR Fund	(\$116M)	\$968M	\$646M	\$1,595M	\$17,839M
XLE	Energy Select Sector SPDR Fund	(\$95M)	\$571M	(\$593M)	(\$2,240M)	\$40,577M
ITB	iShares U.S. Home Construction ETF	(\$90M)	\$441M	\$420M	\$369M	\$2,809M

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

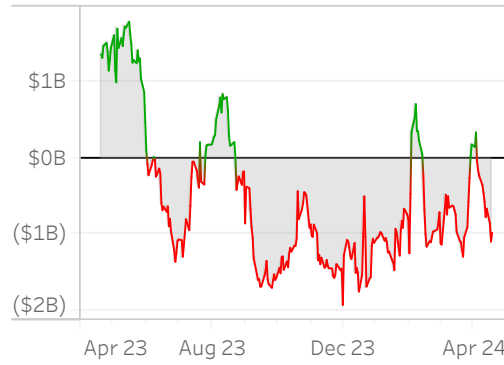
Communication Services



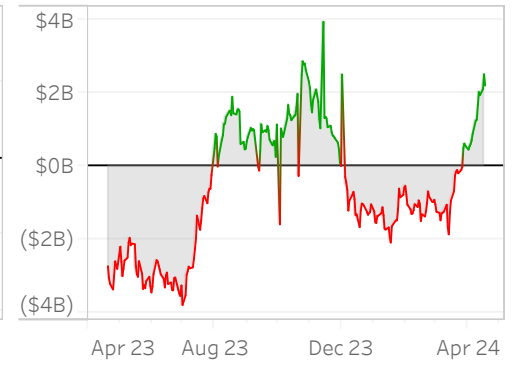
Consumer Discretionary



Consumer Staples



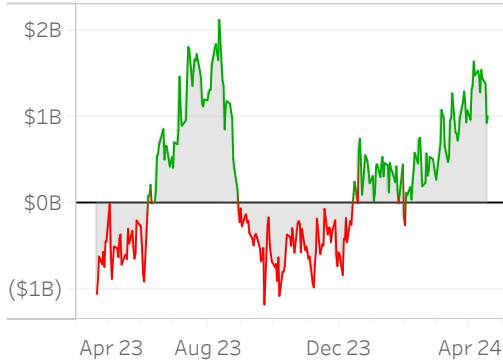
Energy



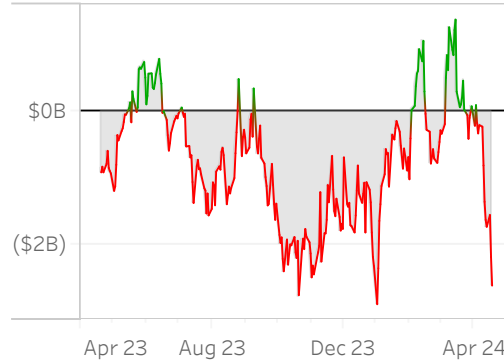
Financials



Industrial



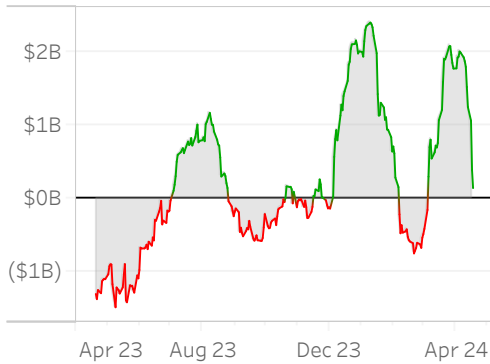
Health Care



Materials



Real Estate



Technology



Utilities

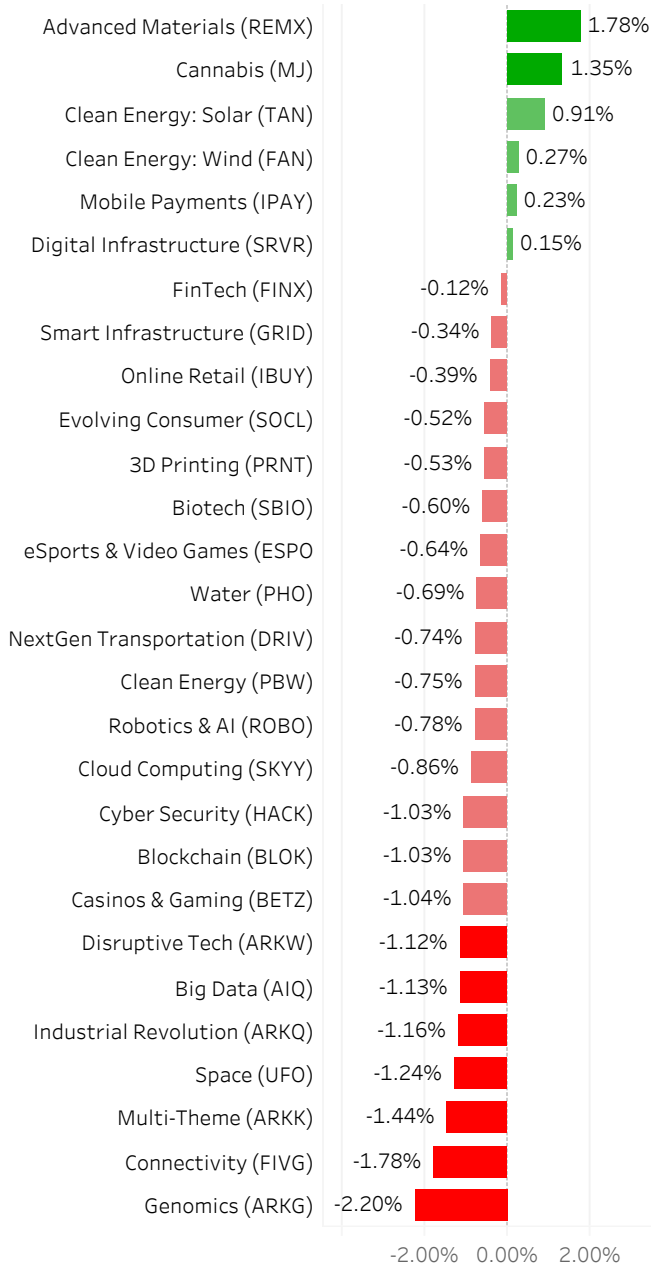


Multi-Sector

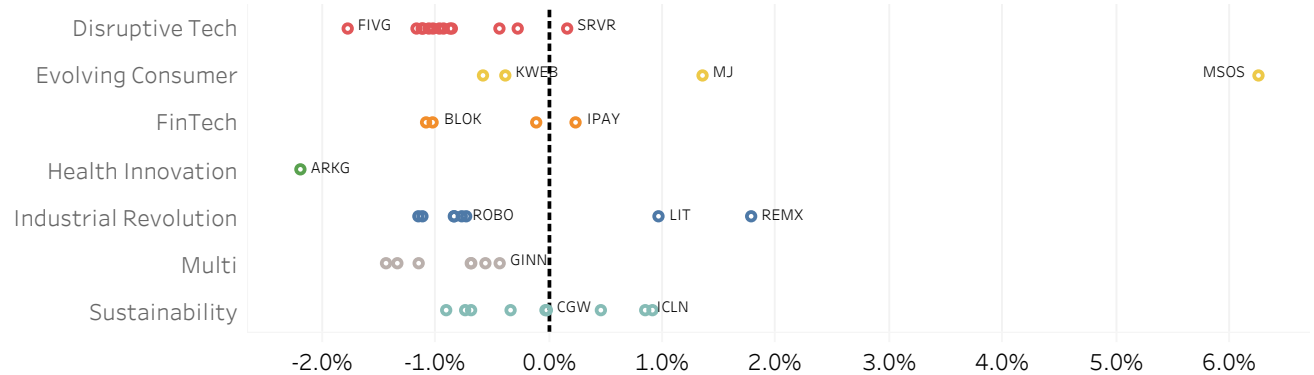


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Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	Performance (%)
MJUS	Amplify U.S. Alternative Harvest ETF	6.77%
MSOS	AdvisorShares Pure US Cannabis ETF	6.25%
REMX	VanEck Rare Earth/Strategic Metals ETF	1.78%
KGRN	KraneShares MSCI China Clean Technology Index ETF	1.35%
MJ	Amplify Alternative Harvest ETF	1.35%
WGMI	Valkyrie Bitcoin Miners ETF	1.07%
PBD	Invesco Global Clean Energy ETF	0.99%
LIT	Global X Lithium & Battery Tech ETF	0.96%
KARS	KraneShares Electric Vehicles & Future Mobility Index ETF	0.93%
TAN	Invesco Solar ETF	0.91%

Thematic Most Overbought

Ticker	Fund	Price
MSOS	AdvisorShares Pure US Cannabis ETF	51.32
MJUS	Amplify U.S. Alternative Harvest ETF	49.51
REMX	VanEck Rare Earth/Strategic Metals ETF	46.63
MJ	Amplify Alternative Harvest ETF	45.87
KGRN	KraneShares MSCI China Clean Technology Index ETF	42.24
ENTR	ERShares Entrepreneurs ETF	40.36
LIT	Global X Lithium & Battery Tech ETF	40.34
KWEB	KraneShares CSI China Internet ETF	40.21
ONLN	ProShares Online Retail ETF	40.21
EMQQ	EMQQ The Emerging Markets Internet & Ecommerce ETF	39.14

Global Thematic 1-Day Performance Laggards

Ticker	Fund	Performance (%)
BLCN	Siren ETF Trust Siren Nasdaq NexGen Economy ETF	-3.58%
ARKG	ARK Genomic Revolution ETF	-2.20%
QTUM	Defiance Quantum ETF	-1.82%
FIVG	Defiance Next Gen Connectivity ETF	-1.78%
SPRX	Spear Alpha ETF	-1.63%
WTAI	WisdomTree Artificial Intelligence and Innovation Fund	-1.60%
LOUP	Innovator Deepwater Frontier Tech ETF	-1.53%
ARKK	ARK Innovation ETF	-1.44%
THNQ	ROBO Global Artificial Intelligence ETF	-1.38%
METV	Roundhill Ball Metaverse ETF	-1.34%

Thematic Most Oversold

Ticker	Fund	Price
SRVR	Pacer Data & Infrastructure Real Estate ETF	22.98
ARKG	ARK Genomic Revolution ETF	24.39
DTCR	Global X Data Center And Digital Infrastructure ETF	24.61
IHAK	iShares Cybersecurity & Tech ETF	24.84
GNOM	Global X Genomics & Biotechnology ETF	25.29
IZRL	ARK Israel Innovative Technology ETF	26.40
ROBT	First Trust Nasdaq Artificial Intelligence & Robotics ETF	26.96
IRBO	iShares Robotics and Artificial Intelligence Multisector E..	27.05
BUG	Global X Cybersecurity ETF	27.07
CLOU	Global X Cloud Computing ETF	27.12

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Thematic 1 Week Flow Leaders

Ticker	Fund	Flow
AIQ	Global X Artificial Intelligence & Technology ETF	\$36M
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure Index	\$17M
FFLC	Fidelity Fundamental Large Cap Core ETF	\$15M
IRBO	iShares Robotics and Artificial Intelligence Multisector ETF	\$7M
PHO	Invesco Water Resources ETF	\$6M
LIT	Global X Lithium & Battery Tech ETF	\$5M
DAPP	VanEck Digital Transformation ETF	\$4M
REMX	VanEck Rare Earth/Strategic Metals ETF	\$3M
ARKG	ARK Genomic Revolution ETF	\$2M
MSOS	AdvisorShares Pure US Cannabis ETF	\$2M

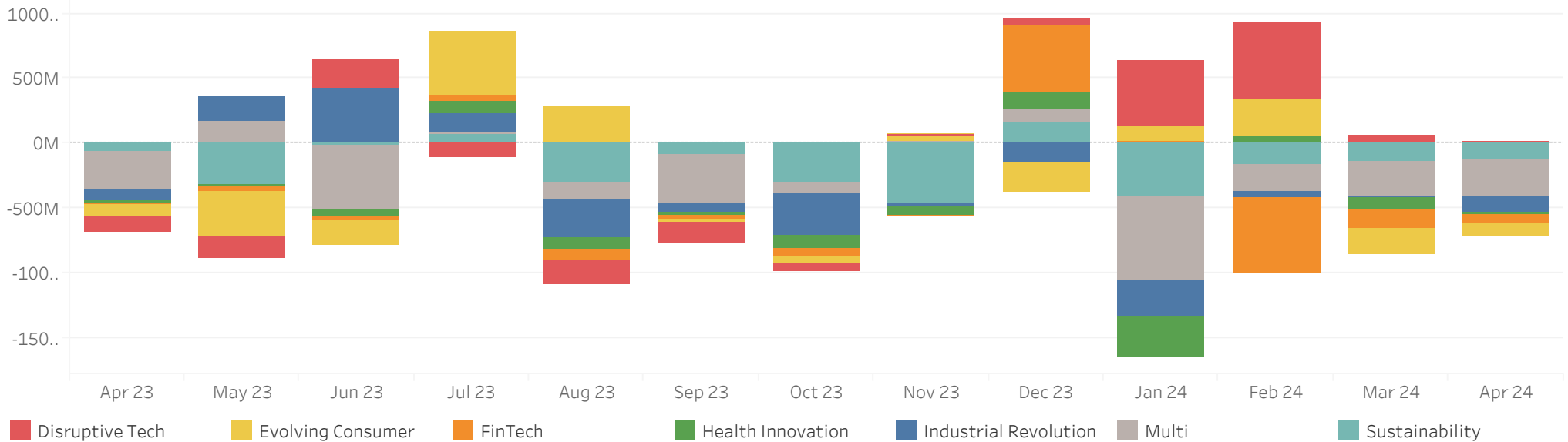
Thematic 1 Week Flow Laggards

Ticker	Fund	Flow
KWEB	KraneShares CSI China Internet ETF	(\$75M)
ARKK	ARK Innovation ETF	(\$67M)
ICLN	iShares Global Clean Energy ETF	(\$54M)
TAN	Invesco Solar ETF	(\$40M)
CLOU	Global X Cloud Computing ETF	(\$38M)
GBUY	Goldman Sachs Future Consumer Equity ETF	(\$32M)
BOTZ	Global X Robotics & Artificial Intelligence ETF	(\$28M)
ARKW	ARK Next Generation Internet ETF	(\$28M)
ARKF	ARK Fintech Innovation ETF	(\$15M)
QLCN	First Trust Nasdaq Clean Edge Green Energy Index Fund	(\$13M)

Thematic Landscape Assets & Flows

Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	33	\$20B	(\$30M)	\$1,077M	\$1,181M	\$649M
Evolving Consumer	34	\$9B	(\$85M)	\$137M	(\$105M)	\$41M
FinTech	17	\$3B	(\$8M)	(\$951M)	(\$272M)	(\$515M)
Health Innovation	17	\$2B	(\$1M)	(\$206M)	(\$387M)	(\$524M)
Industrial Revolution	29	\$9B	(\$39M)	(\$318M)	(\$729M)	(\$647M)
Multi	33	\$14B	\$28M	(\$987M)	(\$1,308M)	(\$2,455M)
Sustainability	39	\$12B	(\$94M)	(\$546M)	(\$1,348M)	(\$2,197M)
Grand Total	202	\$68B	(\$229M)	(\$1,793M)	(\$2,966M)	(\$5,649M)

Thematic Monthly Flows

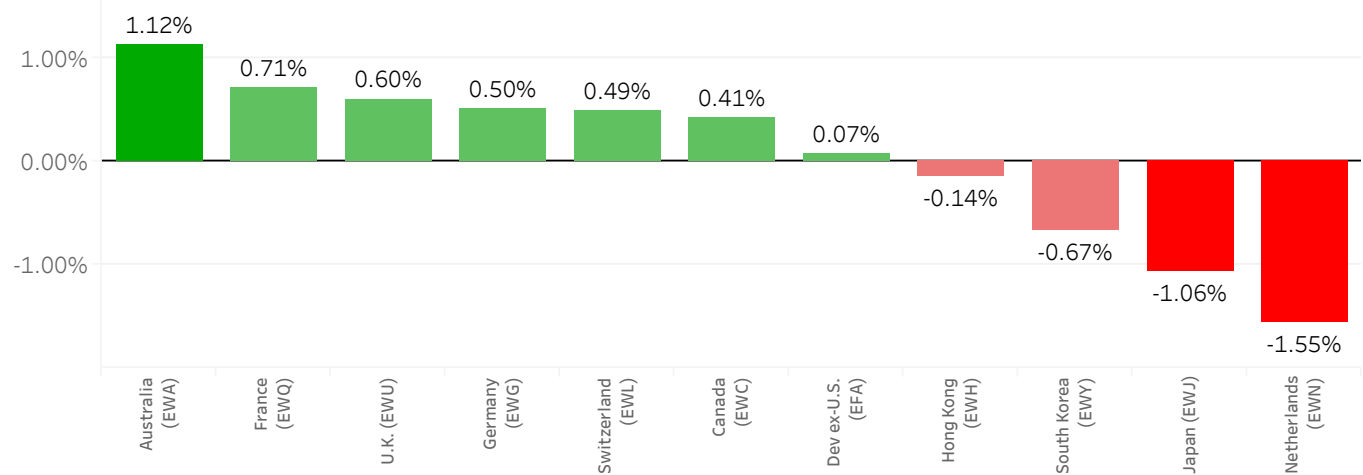


* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

Developed ex-U.S. (EFA)



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



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



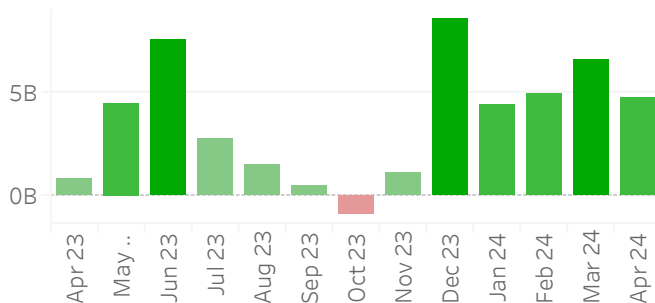
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
ENZL	iShares MSCI New Zealand ETF	1.57%
EWP	iShares MSCI Spain ETF	1.38%
EWA	iShares MSCI Australia ETF	1.12%
EWI	iShares MSCI Italy ETF	0.98%
BBAX	JPMorgan BetaBuilders Developed Asia Pacific ex-Japan ETF	0.94%
EPP	iShares MSCI Pacific ex-Japan ETF	0.94%
IDV	iShares International Select Dividend ETF	0.93%
FDD	First Trust Stoxx European Select Dividend Index Fund	0.91%
DAX	Global X DAX Germany ETF	0.86%
HDEF	Xtrackers MSCI EAFE High Dividend Yield Equity ETF	0.76%

Developed ex-U.S. Most Overbought

Ticker	Fund	Value
EWO	iShares MSCI Austria ETF	47.39
FDD	First Trust Stoxx European Select Dividend Index Fund	45.89
DXJS	WisdomTree Japan Hedged SmallCap Equity Fund	45.84
DXJ	WisdomTree Japan Hedged Equity Fund	45.78
ENZL	iShares MSCI New Zealand ETF	43.95
EWP	iShares MSCI Spain ETF	43.55
NORW	Global X MSCI Norway ETF	43.43
EWU	iShares MSCI United Kingdom ETF	42.62
FLJH	Franklin FTSE Japan Hedged ETF Franklin FTSE Japan Hed..	42.59
FLGB	Franklin FTSE United Kingdom ETF	42.49

Developed ex-U.S. Monthly Flows



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

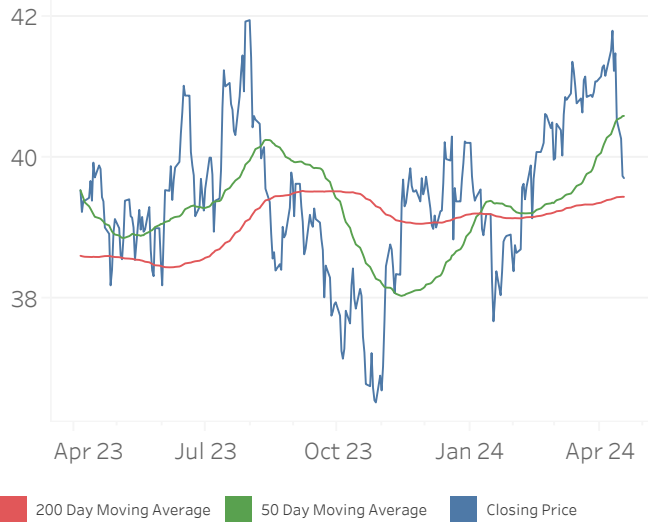
Ticker	Fund	1-Day Performance
EWN	iShares MSCI Netherlands ETF	-1.55%
ISRA	VanEck Israel ETF	-1.48%
EIS	iShares MSCI Israel ETF	-1.37%
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	-1.33%
HEWJ	iShares Currency Hedged MSCI Japan ETF	-1.25%
FLJH	Franklin FTSE Japan Hedged ETF Franklin FTSE Japan Hed..	-1.23%
JPXN	iShares JPX-Nikkei 400 ETF	-1.19%
EWJ	iShares MSCI Japan ETF	-1.06%
BBJP	JPMorgan BetaBuilders Japan Fund BetaBuilders Japan F..	-1.04%
FLJP	Franklin FTSE Japan ETF	-0.95%

Developed ex-U.S. Most Oversold

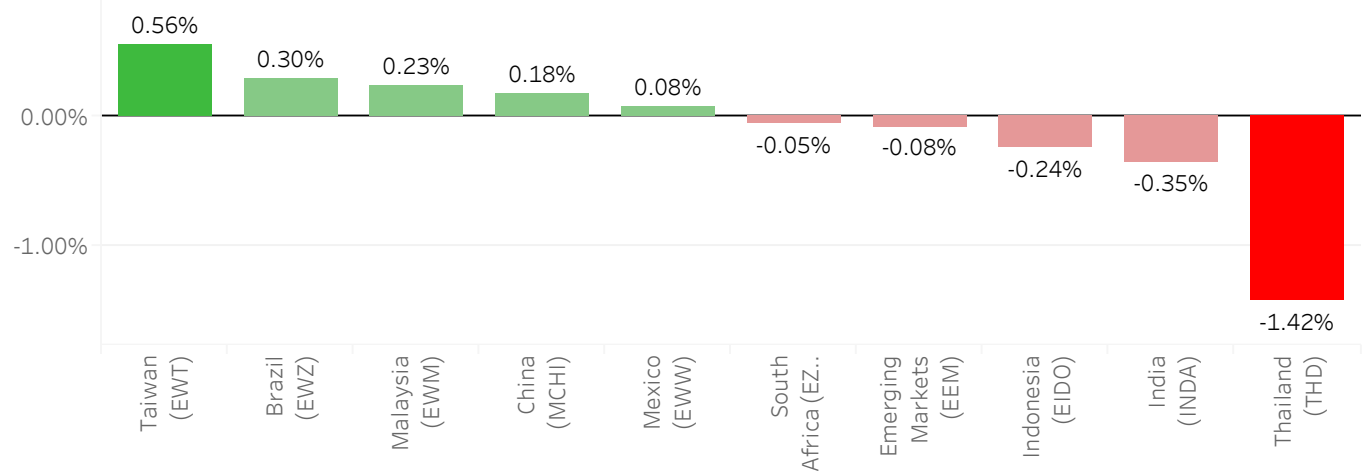
Ticker	Fund	Value
EWH	iShares MSCI Hong Kong ETF	26.40
EFAD	ProShares MSCI EAFE Dividend Growers ETF	26.59
EFAV	iShares MSCI EAFE Min Vol Factor ETF	27.48
TPIF	Timothy Plan International ETF	27.89
FDEV	Fidelity International Multifactor ETF	27.89
ISRA	VanEck Israel ETF	27.98
EUDG	WisdomTree Europe Quality Dividend Growth Fund	28.50
BKCI	BNY Mellon Concentrated International ETF	28.50
FLKR	Franklin FTSE South Korea ETF	28.60
EWY	iShares MSCI South Korea ETF	28.67

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

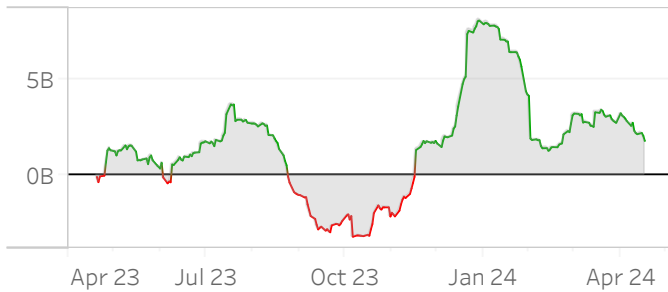
Emerging (EEM)



Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



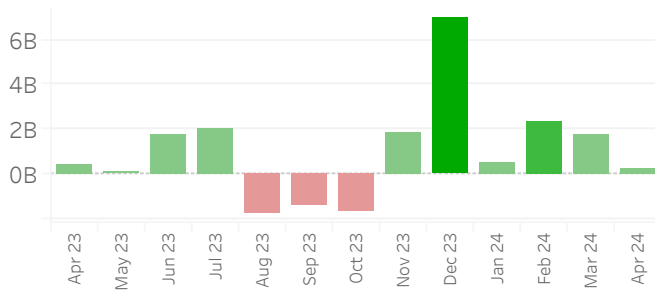
Emerging 1-Day Performance Leaders

Ticker	Fund	Performance
EPOL	iShares MSCI Poland ETF	2.41%
CNYA	iShares MSCI China A ETF	1.78%
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	1.59%
EYLD	Cambria Emerging Shareholder Yield ETF	1.24%
EWX	SPDR S&P Emerging Markets Small Cap ETF	1.17%
PIE	Invesco Dorsey Wright Emerging Markets Momentum E..	1.14%
KBA	KraneShares Boser MSCI China A 50 Connect Index ETF	1.03%
FEMS	First Trust Emerging Markets Small Cap AlphaDEX Fund	0.79%
EDIV	SPDR S&P Emerging Markets Dividend ETF	0.77%
FLN	First Trust Latin America AlphaDEX Fund	0.73%

Emerging Most Overbought

Ticker	Fund	Value
KBA	KraneShares Boser MSCI China A 50 Connect Index E..	55.68
EPU	iShares MSCI Peru and Global Exposure ETF	54.34
TUR	iShares MSCI Turkey ETF	54.13
CNYA	iShares MSCI China A ETF	53.91
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	53.54
SMIN	iShares MSCI India Small Cap ETF	52.54
PIE	Invesco Dorsey Wright Emerging Markets Momentu..	50.91
EYLD	Cambria Emerging Shareholder Yield ETF	50.81
EPI	WisdomTree India Earnings Fund	48.66
DVYE	iShares Emerging Markets Dividend ETF	47.84

Emerging Monthly Flows



Emerging 1-Day Performance Laggards

Ticker	Fund	Performance
THD	iShares MSCI Thailand ETF	-1.42%
KSA	iShares MSCI Saudi Arabia ETF	-0.99%
FDEM	Fidelity Emerging Markets Multifactor ETF	-0.75%
TUR	iShares MSCI Turkey ETF	-0.55%
DGRE	WisdomTree Emerging Markets Quality Dividend Growt..	-0.48%
NUEM	Nuveen ESG Emerging Markets Equity ETF	-0.45%
DBEM	Xtrackers MSCI Emerging Markets Hedged Equity ETF	-0.40%
EWZS	iShares MSCI Brazil Small-Cap ETF	-0.39%
FLIN	Franklin FTSE India ETF	-0.38%
INDA	iShares MSCI India ETF	-0.35%

Emerging Most Oversold

Ticker	Fund	Value
EPHE	iShares MSCI Philippines ETF	20.76
VNM	VanEck Vietnam ETF	21.88
EIDO	iShares MSCI Indonesia ETF	23.71
EWZS	iShares MSCI Brazil Small-Cap ETF	28.08
FDEM	Fidelity Emerging Markets Multifactor ETF	29.57
EELV	Invesco S&P Emerging Markets Low Volatility ETF	29.61
FLLA	Franklin FTSE Latin America ETF	30.11
EEMV	iShares MSCI Emerging Markets Min Vol Factor ETF	30.77
FLN	First Trust Latin America AlphaDEX Fund	31.04
EWZ	iShares MSCI Brazil ETF	31.22

* 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	0.46%	-1.30%	-2.87%
SHY	1-3 Year Treasury Bonds	0.07%	-0.04%	-0.12%
IEF	7-10 Year Treasury Bonds	0.63%	-1.54%	-3.85%
TLT	20+ Year Treasury Bonds	1.11%	-3.61%	-8.83%
TIP	TIPS Bonds	0.39%	-0.47%	-1.55%
FLOT	Floating Rate Bonds	0.04%	0.58%	2.24%
LQD	Investment Grade Corporate	0.55%	-2.13%	-3.97%
HYG	High Yield Corporate	0.13%	-1.17%	-0.53%
BKLN	Senior Loan	0.05%	0.03%	1.54%
PFF	Preferred & Income Securities	0.46%	-3.61%	0.27%
MUB	Municipal Bonds	0.14%	-0.96%	-1.17%
MBB	MBS	0.67%	-1.51%	-3.42%
EMB	Dollar Denominated EM Bonds	0.78%	-0.69%	-0.69%
LEMB	Local Currency EM Bond	0.48%	-2.65%	-3.87%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	-0.77%	3.71%	5.83%
DBE	Energy	-2.65%	1.72%	9.07%
USO	WTI Crude Oil	-2.98%	3.38%	18.39%
BNO	Brent Crude Oil	-2.87%	3.64%	17.76%
UNG	Natural Gas	-0.69%	-4.96%	-29.09%
UGA	Gasoline	-3.14%	1.46%	17.71%
DBP	Precious Metals	-0.61%	10.43%	15.82%
GLD	Gold	-0.74%	9.95%	14.87%
SLV	Silver	0.19%	12.24%	18.69%
PPLT	abrdrn Physical Platin..	-1.74%	0.45%	-4.84%
PALL	abrdrn Physical Palla..	1.46%	-4.59%	-6.37%
DBB	Base Metals	1.28%	9.02%	8.36%
CPER	Copper	1.04%	5.76%	12.63%
DBA	Agriculture	1.36%	7.72%	22.52%
CORN	Corn	-0.30%	-1.40%	-8.81%
SOYB	Soybeans	0.18%	-2.77%	-9.07%
WEAT	Wheat	-1.70%	2.16%	-12.73%
CANE	Sugar	-1.01%	-10.72%	-4.48%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	-0.31%	3.07%	6.46%
UDN	Short Dollar	0.57%	-2.26%	-3.69%
FXE	Euro	0.49%	-1.78%	-2.63%
FXB	British Pound Sterling	0.20%	-1.94%	-1.35%
FXF	Swiss Franc	0.29%	-2.93%	-7.55%
FXJ	Japanese Yen	0.20%	-3.47%	-8.83%
FXC	Canadian Dollar	0.37%	-1.43%	-3.04%
FXA	Australian Dollar	0.46%	-1.79%	-5.11%

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